

ADDRESS: 8 North Science Avenue, Laguna Technopark Inc., Brgy. Biñan (Poblacion), Biñan City, Laguna

CONTACT NO.: (049) 543-1916

WEBSITE: www.lagunawater.com.ph

CUSTOMER NAME : Laguna AAWater Corporation

ADDRESS : G/F One Evotech Bldg., Nuvali, Santa Rosa City, Laguna, Philippines

ATTENTION : N/A

SUMMARY OF LABORATORY ANALYSIS

SAMPLE CODE : S20-3341 DATE/TIME SUBMITTED : 05/28/2020 10:00
DATE/TIME COLLECTION : 05/28/2020 08:16 COLLECTED BY : Ohwen Catindig
NO. OF SAMPLES : 1 TOTAL PARAMETERS TESTED : 15
SAMPLE LOCATION : BRENNA MODEL HOUSE, BLOCK 90 LOT 5, LAGUNA BEL-AIR III, BRGY. LOMA, BIÑAN CITY, LAGUNA
SAMPLE CHARACTERISTICS : 2000 mL water sample in polyethylene bottle

PARAMETER(S)	UNIT	MDL	LOQ	RESULT(S)	METHOD(S)	ANALYSIS	
						DATE	BY
pH / Temperature	-/°C	NA	NA	8.47/21.1	4500-H ⁺ . Electrometric	05/28/2020	KAP
Residual Chlorine ^A	mg/L	0.063	0.20	0.0900	4500-Cl-G.DPD Colorimetric	05/28/2020	KAP
Color	ACU	2	NA	<2	2120B. Visual Comparison (Pt-Co)	05/28/2020	KAP
Taste ^A	-	NA	NA	UO	2160. Sensory	05/28/2020	KAP
Odor ^A	-	NA	NA	UO	2150. Sensory	05/28/2020	KAP
Turbidity ^A	NTU	0.115	0.365	0.200	2130. Nephelometric	05/28/2020	KAP
Total Hardness as CaCO ₃ ^A	mg/L	0.469	1.49	129	2340C. EDTA Titrimetric	05/28/2020	KAP
Total Dissolved Solids	mg/L	4.77	12.5	293	2540C. Gravimetric, dried @ 180°C	05/28/2020	KAP
Nitrate (NO ₃) ^A	mg/L	0.0574	0.183	4.81	4110B. Ion Chromatography with Chemical Suppression of Eluent Conductivity	05/28/2020	KAP
Chloride (Cl ⁻) ^A	mg/L	0.0372	0.119	3.88		05/28/2020	KAP
Fluoride (F ⁻) ^A	mg/L	0.0524	0.167	0.277		05/28/2020	KAP
Sulfate (SO ₄ ²⁻) ^A	mg/L	0.0567	0.181	6.09		05/28/2020	KAP
Iron (Fe) ^A	mg/L	NA	0.005	<0.005	3500-Fe B. Colorimetric	05/28/2020	KYA
Manganese (Mn) ^A	mg/L	NA	0.01	<0.010	3500-Mn B. Colorimetric	05/28/2020	KYA

REMARKS: Sample collection was performed by the LWC Field analyst/technician and were analyzed as submitted.

DEVIATIONS: No deviations noted on sample collection and submission.

NOTE: ^A – Method is not part of DENR-ELR Recognized Parameters

LEGEND: **ACU:** Apparent Color Unit; **NTU:** Nephelometric Turbidity Unit; **UO:** Unobjectionable; **NA:** Not Applicable; **MDL:** Method Detection Limit;

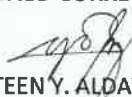
LOQ: Limit of Quantification

METHOD REFERENCE: Standard Methods for the Examination of Water and Wastewater, 23rd Edition

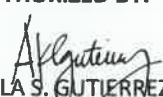
NOT VALID WITHOUT QR STAMP



CERTIFIED CORRECT BY:


KRISTEEN Y. ALDAY, RCh
Analytical Services Unit Manager
PRC License No. 0013295

AUTHORIZED BY:


ANNA KARLA S. GUTIERREZ, RMT
Laboratory Services Manager
License No. PRC 0060968

This report may not be reproduced in part or in full and may not be used for advertisement or litigation purposes without permission from Laguna AAWater Corporation. This report is certified to have passed the Laguna AAWater Corporation Quality Control procedures for reporting results of analysis

ADDRESS: 8 North Science Avenue, Laguna Technopark Inc., Brgy. Biñan (Poblacion), Biñan City, Laguna

CONTACT NO.: (049) 543-1916

WEBSITE: www.lagunawater.com.ph

CUSTOMER NAME : Laguna AAWater Corporation

ADDRESS : G/F One Evotech Bldg., Nuvali, Santa Rosa City, Laguna, Philippines

ATTENTION : N/A

SUMMARY OF LABORATORY ANALYSIS

SAMPLE CODE : S20-3342 DATE/TIME SUBMITTED : 05/28/2020 10:00
DATE/TIME COLLECTION : 05/28/2020 08:37 COLLECTED BY : Ohwen Catindig
NO. OF SAMPLES : 1 TOTAL PARAMETERS TESTED : 15
SAMPLE LOCATION : HILCREST ROAD, BLOCK 2, LAGUNA BEL-AIR III, BRGY. LOMA, BIÑAN CITY, LAGUNA
SAMPLE CHARACTERISTICS : 2000 mL water sample in polyethylene bottle

PARAMETER(S)	UNIT	MDL	LOQ	RESULT(S)	METHOD(S)	ANALYSIS	
						DATE	BY
pH / Temperature	-/°C	NA	NA	8.28/21.1	4500-H ⁺ . Electrometric	05/28/2020	KAP
Residual Chlorine ^A	mg/L	0.063	0.20	0.100	4500-Cl-G.DPD Colorimetric	05/28/2020	KAP
Color	ACU	2	NA	<2	2120B. Visual Comparison (Pt-Co)	05/28/2020	KAP
Taste ^A	-	NA	NA	UO	2160. Sensory	05/28/2020	KAP
Odor ^A	-	NA	NA	UO	2150. Sensory	05/28/2020	KAP
Turbidity ^A	NTU	0.115	0.365	0.150	2130. Nephelometric	05/28/2020	KAP
Total Hardness as CaCO ₃ ^A	mg/L	0.469	1.49	133	2340C. EDTA Titrimetric	05/28/2020	KAP
Total Dissolved Solids	mg/L	4.77	12.5	283	2540C. Gravimetric, dried @ 180°C	05/28/2020	KAP
Nitrate (NO ₃) ^A	mg/L	0.0574	0.183	4.86	4110B. Ion Chromatography with Chemical Suppression of Eluent Conductivity	05/28/2020	KAP
Chloride (Cl) ^A	mg/L	0.0372	0.119	3.88		05/28/2020	KAP
Fluoride (F) ^A	mg/L	0.0524	0.167	0.279		05/28/2020	KAP
Sulfate (SO ₄ ²⁻) ^A	mg/L	0.0567	0.181	6.15		05/28/2020	KAP
Iron (Fe) ^A	mg/L	NA	0.005	<0.005	3500-Fe B. Colorimetric	05/28/2020	KYA
Manganese (Mn) ^A	mg/L	NA	0.01	<0.010	3500-Mn B. Colorimetric	05/28/2020	KYA

REMARKS: Sample collection was performed by the LWC Field analyst/technician and were analyzed as submitted.

DEVIATIONS: No deviations noted on sample collection and submission.

NOTE: A – Method is not part of DENR-ELR Recognized Parameters

LEGEND: ACU: Apparent Color Unit; NTU: Nephelometric Turbidity Unit; UO: Unobjectionable; NA: Not Applicable; MDL: Method Detection Limit;

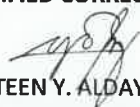
LOQ: Limit of Quantification

METHOD REFERENCE: Standard Methods for the Examination of Water and Wastewater, 23rd Edition


NOT VALID WITHOUT QR STAMP



CERTIFIED CORRECT BY:


KRISTEEN Y. ALDAY, RCh
Analytical Services Unit Manager
PRC License No. 0013295

AUTHORIZED BY:


ANNA KARLA S. GUTIERREZ, RMT
Laboratory Services Manager
License No. PRC 0060968

This report may not be reproduced in part or in full and may not be used for advertisement or litigation purposes without permission from Laguna AAWater Corporation. This report is certified to have passed the Laguna AAWater Corporation Quality Control procedures for reporting results of analysis

ADDRESS: 8 North Science Avenue, Laguna Technopark Inc., Brgy. Biñan (Poblacion), Biñan City, Laguna

CONTACT NO.: (049) 543-1916

WEBSITE: www.lagunawater.com.ph

CUSTOMER NAME : Laguna AAWater Corporation

ADDRESS : G/F One Evotech Bldg., Nuvali, Santa Rosa City, Laguna, Philippines

ATTENTION : N/A

SUMMARY OF LABORATORY ANALYSIS

SAMPLE CODE : S20-3343 **DATE/TIME SUBMITTED** : 05/28/2020 10:00
DATE/TIME COLLECTION : 05/28/2020 08:50 **COLLECTED BY** : Ohwen Catindig
NO. OF SAMPLES : 1 **TOTAL PARAMETERS TESTED** : 15
SAMPLE LOCATION : CLUBHOUSE, LAGUNA BEL-AIR III, BRGY. LOMA, BIÑAN CITY, LAGUNA
SAMPLE CHARACTERISTICS : 2000 mL water sample in polyethylene bottle

PARAMETER(S)	UNIT	MDL	LOQ	RESULT(S)	METHOD(S)	ANALYSIS	
						DATE	BY
pH / Temperature	-/°C	NA	NA	8.20/21.0	4500-H ⁺ . Electrometric	05/28/2020	KAP
Residual Chlorine ^A	mg/L	0.063	0.20	0.100	4500-Cl-G.DPD Colorimetric	05/28/2020	KAP
Color	ACU	2	NA	<2	2120B. Visual Comparison (Pt-Co)	05/28/2020	KAP
Taste ^A	-	NA	NA	UO	2160. Sensory	05/28/2020	KAP
Odor ^A	-	NA	NA	UO	2150. Sensory	05/28/2020	KAP
Turbidity ^A	NTU	0.115	0.365	0.150	2130. Nephelometric	05/28/2020	KAP
Total Hardness as CaCO ₃ ^A	mg/L	0.469	1.49	136	2340C. EDTA Titrimetric	05/28/2020	KAP
Total Dissolved Solids	mg/L	4.77	12.5	267	2540C. Gravimetric, dried @ 180°C	05/28/2020	KAP
Nitrate (NO ₃) ^A	mg/L	0.0574	0.183	4.85	4110B. Ion Chromatography with Chemical Suppression of Eluent Conductivity	05/28/2020	KAP
Chloride (Cl) ^A	mg/L	0.0372	0.119	3.88		05/28/2020	KAP
Fluoride (F) ^A	mg/L	0.0524	0.167	0.272		05/28/2020	KAP
Sulfate (SO ₄ ²⁻) ^A	mg/L	0.0567	0.181	6.15		05/28/2020	KAP
Iron (Fe) ^A	mg/L	NA	0.005	<0.005	3500-Fe B. Colorimetric	05/28/2020	KYA
Manganese (Mn) ^A	mg/L	NA	0.01	<0.010	3500-Mn B. Colorimetric	05/28/2020	KYA

REMARKS: Sample collection was performed by the LWC Field analyst/technician and were analyzed as submitted.

DEVIATIONS: No deviations noted on sample collection and submission.

NOTE: **A** – Method is not part of DENR-ELR Recognized Parameters

LEGEND: **ACU:** Apparent Color Unit; **NTU:** Nephelometric Turbidity Unit; **UO:** Unobjectionable; **NA:** Not Applicable; **MDL:** Method Detection Limit;


LOQ: Limit of Quantification

METHOD REFERENCE: Standard Methods for the Examination of Water and Wastewater, 23rd Edition


NOT VALID WITHOUT QR STAMP



CERTIFIED CORRECT BY:


KRISTEEN Y. ALDAY, RCh
Analytical Services Unit Manager
PRC License No. 0013295

AUTHORIZED BY:


ANNA KARLA S. GUTIERREZ, RMT
Laboratory Services Manager
License No. PRC 0060968

This report may not be reproduced in part or in full and may not be used for advertisement or litigation purposes without permission from Laguna AAWater Corporation. This report is certified to have passed the Laguna AAWater Corporation Quality Control procedures for reporting results of analysis

ADDRESS: 8 North Science Avenue, Laguna Technopark Inc., Brgy. Biñan (Poblacion), Biñan City, Laguna

CONTACT NO.: (049) 543-1916

WEBSITE: www.lagunawater.com.ph

CUSTOMER NAME : Laguna AAWater Corporation

ADDRESS : G/F One Evotech Bldg., Nuvali, Santa Rosa City, Laguna, Philippines

ATTENTION : N/A

SUMMARY OF LABORATORY ANALYSIS

SAMPLE CODE : S20-3474 **DATE/TIME SUBMITTED** : 06/02/2020 14:50
DATE/TIME COLLECTION : 06/02/2020 11:40 **COLLECTED BY** : Edwin O. Aguilar
NO. OF SAMPLES : 1 **TOTAL PARAMETERS TESTED** : 15
SAMPLE LOCATION : CLUBHOUSE, PHASE 3B, SAN JOSE VILLAGE II, BRGY. BIÑAN, BIÑAN CITY, LAGUNA
SAMPLE CHARACTERISTICS : 2000 mL water sample in polyethylene bottle

PARAMETER(S)	UNIT	MDL	LOQ	RESULT(S)	METHOD(S)	ANALYSIS	
						DATE	BY
pH / Temperature	-/°C	NA	NA	6.63/25.0	4500-H ⁺ . Electrometric	06/03/2020	KAP
Residual Chlorine ^A	mg/L	0.063	0.20	0.0850	4500-Cl-G.DPD Colorimetric	06/03/2020	KAP
Color	ACU	2	NA	5	2120B. Visual Comparison (Pt-Co)	06/03/2020	KAP
Taste ^A	-	NA	NA	UO	2160. Sensory	06/02/2020	KAP
Odor ^A	-	NA	NA	UO	2150. Sensory	06/02/2020	KAP
Turbidity ^A	NTU	0.115	0.365	1.40	2130. Nephelometric	06/03/2020	KAP
Total Hardness as CaCO ₃ ^A	mg/L	0.469	1.49	135	2340C. EDTA Titrimetric	06/05/2020	KAP
Total Dissolved Solids	mg/L	4.77	12.5	243	2540C. Gravimetric, dried @ 180°C	06/08/2020	KAP
Nitrate (NO ₃ ⁻) ^A	mg/L	0.0574	0.183	4.68	4110B. Ion Chromatography with Chemical Suppression of Eluent Conductivity	06/03/2020	KAP
Chloride (Cl ⁻) ^A	mg/L	0.0372	0.119	3.83		06/03/2020	KAP
Fluoride (F ⁻) ^A	mg/L	0.0524	0.167	0.271		06/03/2020	KAP
Sulfate (SO ₄ ²⁻) ^A	mg/L	0.0567	0.181	7.07		06/03/2020	KAP
Iron (Fe) ^A	mg/L	NA	0.005	0.020		3500-Fe B. Colorimetric	06/03/2020
Manganese (Mn) ^A	mg/L	NA	0.01	0.010	06/03/2020		KYA

REMARKS: Sample collection was performed by the LWC Field analyst/technician and were analyzed as submitted.

DEVIATIONS: No deviations noted on sample collection and submission.

NOTE: ^A Method is not part of DENR-ELR Recognized Parameters


LEGEND: ^{ACU}: Apparent Color Unit; ^{NTU}: Nephelometric Turbidity Unit; ^{UO}: Unobjectionable; ^{NA}: Not Applicable; ^{MDL}: Method Detection Limit; ^{LOQ}: Limit of Quantification

METHOD REFERENCE: Standard Methods for the Examination of Water and Wastewater, 23rd Edition


NOT VALID WITHOUT QR STAMP



CERTIFIED CORRECT BY:


KRISTEEN Y. ALDAY, RCh
Analytical Services Unit Manager
PRC License No. 0013295

AUTHORIZED BY:


ANNA KARLA S. GUTIERREZ, RMT
Laboratory Services Manager
License No. PRC 0060968

This report may not be reproduced in part or in full and may not be used for advertisement or litigation purposes without permission from Laguna AAWater Corporation. This report is certified to have passed the Laguna AAWater Corporation Quality Control procedures for reporting results of analysis

ADDRESS: 8 North Science Avenue, Laguna Technopark Inc., Brgy. Biñan (Poblacion), Biñan City, Laguna

CONTACT NO.: (049) 543-1916

WEBSITE: www.lagunawater.com.ph

CUSTOMER NAME : Laguna AAWater Corporation

ADDRESS : G/F One Evotech Bldg., Nuvali, Santa Rosa City, Laguna, Philippines

ATTENTION : N/A

SUMMARY OF LABORATORY ANALYSIS

SAMPLE CODE : S20-3475 **DATE/TIME SUBMITTED** : 06/02/2020 14:50
DATE/TIME COLLECTION : 06/02/2020 11:15 **COLLECTED BY** : Edwin O. Aguilar
NO. OF SAMPLES : 1 **TOTAL PARAMETERS TESTED** : 15
SAMPLE LOCATION : PUMP XI, PHASE V, SAN JOSE VILLAGE II, BRGY. BIÑAN, BIÑAN CITY, LAGUNA
SAMPLE CHARACTERISTICS : 2000 mL water sample in polyethylene bottle

PARAMETER(S)	UNIT	MDL	LOQ	RESULT(S)	METHOD(S)	ANALYSIS	
						DATE	BY
pH / Temperature	-/°C	NA	NA	6.80/24.7	4500-H ⁺ . Electrometric	06/03/2020	KAP
Residual Chlorine ^A	mg/L	0.063	0.20	0.455	4500-Cl-G.DPD Colorimetric	06/03/2020	KAP
Color	ACU	2	NA	<2	2120B. Visual Comparison (Pt-Co)	06/03/2020	KAP
Taste ^A	-	NA	NA	UO	2160. Sensory	06/02/2020	KAP
Odor ^A	-	NA	NA	UO	2150. Sensory	06/02/2020	KAP
Turbidity ^A	NTU	0.115	0.365	<0.115	2130. Nephelometric	06/03/2020	KAP
Total Hardness as CaCO ₃ ^A	mg/L	0.469	1.49	135	2340C. EDTA Titrimetric	06/05/2020	KAP
Total Dissolved Solids	mg/L	4.77	12.5	227	2540C. Gravimetric, dried @ 180°C	06/08/2020	KAP
Nitrate (NO ₃) ^A	mg/L	0.0574	0.183	5.66	4110B. Ion Chromatography with Chemical Suppression of Eluent Conductivity	06/03/2020	KAP
Chloride (Cl) ^A	mg/L	0.0372	0.119	3.93		06/03/2020	KAP
Fluoride (F) ^A	mg/L	0.0524	0.167	0.291		06/03/2020	KAP
Sulfate (SO ₄ ²⁻) ^A	mg/L	0.0567	0.181	7.67		06/03/2020	KAP
Iron (Fe) ^A	mg/L	NA	0.005	<0.005	3500-Fe B. Colorimetric	06/03/2020	KYA
Manganese (Mn) ^A	mg/L	NA	0.01	<0.010		06/03/2020	KYA

REMARKS: Sample collection was performed by the LWC Field analyst/technician and were analyzed as submitted.

DEVIATIONS: No deviations noted on sample collection and submission.

NOTE: ^A Method is not part of DENR-ELR Recognized Parameters

LEGEND: **ACU:** Apparent Color Unit; **NTU:** Nephelometric Turbidity Unit; **UO:** Unobjectionable; **NA:** Not Applicable; **MDL:** Method Detection Limit;


LOQ: Limit of Quantification

METHOD REFERENCE: Standard Methods for the Examination of Water and Wastewater, 23rd Edition


NOT VALID WITHOUT QR STAMP



CERTIFIED CORRECT BY:


KRISTEEN Y. ALDAY, RCh
Analytical Services Unit Manager
PRC License No. 0013295

AUTHORIZED BY:


ANNA KARLA S. GUTIERREZ, RMT
Laboratory Services Manager
License No. PRC 0060968

This report may not be reproduced in part or in full and may not be used for advertisement or litigation purposes without permission from Laguna AAWater Corporation. This report is certified to have passed the Laguna AAWater Corporation Quality Control procedures for reporting results of analysis

ADDRESS: 8 North Science Avenue, Laguna Technopark Inc., Brgy. Biñan (Poblacion), Biñan City, Laguna

CONTACT NO.: (049) 543-1916

WEBSITE: www.lagunawater.com.ph

CUSTOMER NAME : Laguna AAWater Corporation

ADDRESS : G/F One Evotech Bldg., Nuvali, Santa Rosa City, Laguna, Philippines

ATTENTION : N/A

SUMMARY OF LABORATORY ANALYSIS

SAMPLE CODE : S20-3476 **DATE/TIME SUBMITTED** : 06/02/2020 14:50
DATE/TIME COLLECTION : 06/02/2020 11:00 **COLLECTED BY** : Edwin O. Aguilar
NO. OF SAMPLES : 1 **TOTAL PARAMETERS TESTED** : 15
SAMPLE LOCATION : CLUBHOUSE, PHASE V, SAN JOSE VILLAGE II, BRGY. BIÑAN, BIÑAN CITY, LAGUNA
SAMPLE CHARACTERISTICS : 2000 mL water sample in polyethylene bottle

PARAMETER(S)	UNIT	MDL	LOQ	RESULT(S)	METHOD(S)	ANALYSIS	
						DATE	BY
pH / Temperature	-/°C	NA	NA	6.95/24.8	4500-H ⁺ . Electrometric	06/03/2020	KAP
Residual Chlorine ^A	mg/L	0.063	0.20	0.0900	4500-Cl-G.DPD Colorimetric	06/03/2020	KAP
Color	ACU	2	NA	<2	2120B. Visual Comparison (Pt-Co)	06/03/2020	KAP
Taste ^A	-	NA	NA	UO	2160. Sensory	06/02/2020	KAP
Odor ^A	-	NA	NA	UO	2150. Sensory	06/02/2020	KAP
Turbidity ^A	NTU	0.115	0.365	0.550	2130. Nephelometric	06/03/2020	KAP
Total Hardness as CaCO ₃ ^A	mg/L	0.469	1.49	147	2340C. EDTA Titrimetric	06/05/2020	KAP
Total Dissolved Solids	mg/L	4.77	12.5	230	2540C. Gravimetric, dried @ 180°C	06/08/2020	KAP
Nitrate (NO ₃) ^A	mg/L	0.0574	0.183	4.78	4110B. Ion Chromatography with Chemical Suppression of Eluent Conductivity	06/03/2020	KAP
Chloride (Cl) ^A	mg/L	0.0372	0.119	3.73		06/03/2020	KAP
Fluoride (F) ^A	mg/L	0.0524	0.167	0.271		06/03/2020	KAP
Sulfate (SO ₄ ²⁻) ^A	mg/L	0.0567	0.181	7.03		06/03/2020	KAP
Iron (Fe) ^A	mg/L	NA	0.005	0.010		3500-Fe B. Colorimetric	06/03/2020
Manganese (Mn) ^A	mg/L	NA	0.01	<0.010	06/03/2020		KYA

REMARKS: Sample collection was performed by the LWC Field analyst/technician and were analyzed as submitted.

DEVIATIONS: No deviations noted on sample collection and submission.

NOTE: ^A Method is not part of DENR-ELR Recognized Parameters


LEGEND: ^{ACU}: Apparent Color Unit; ^{NTU}: Nephelometric Turbidity Unit; ^{UO}: Unobjectionable; ^{NA}: Not Applicable; ^{MDL}: Method Detection Limit; ^{LOQ}: Limit of Quantification

METHOD REFERENCE: Standard Methods for the Examination of Water and Wastewater, 23rd Edition

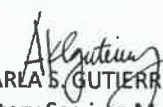
NOT VALID WITHOUT QR STAMP



CERTIFIED CORRECT BY:


KRISTEEN Y. ALDAY, RCH
Analytical Services Unit Manager
PRC License No. 0013295

AUTHORIZED BY:


ANNA KARLA S. GUTIERREZ, RMT
Laboratory Services Manager
License No. PRC 0060968

This report may not be reproduced in part or in full and may not be used for advertisement or litigation purposes without permission from Laguna AAWater Corporation. This report is certified to have passed the Laguna AAWater Corporation Quality Control procedures for reporting results of analysis

ADDRESS: 8 North Science Avenue, Laguna Technopark Inc., Brgy. Biñan (Poblacion), Biñan City, Laguna

CONTACT NO.: (049) 543-1916

WEBSITE: www.lagunawater.com.ph

CUSTOMER NAME : Laguna AAWater Corporation

ADDRESS : G/F One Evotech Bldg., Nuvali, Santa Rosa City, Laguna, Philippines

ATTENTION : N/A

SUMMARY OF LABORATORY ANALYSIS

SAMPLE CODE : S20-3477 DATE/TIME SUBMITTED : 06/02/2020 14:50
DATE/TIME COLLECTION : 06/02/2020 12:00 COLLECTED BY : Edwin O. Aguilar
NO. OF SAMPLES : 1 TOTAL PARAMETERS TESTED : 15
SAMPLE LOCATION : CLUBHOUSE, PHASE VI, SAN JOSE VILLAGE III, BRGY. BIÑAN, BIÑAN CITY, LAGUNA
SAMPLE CHARACTERISTICS : 2000 mL water sample in polyethylene bottle

PARAMETER(S)	UNIT	MDL	LOQ	RESULT(S)	METHOD(S)	ANALYSIS	
						DATE	BY
pH / Temperature	-/°C	NA	NA	7.13/25.1	4500-H ⁺ . Electrometric	06/03/2020	KAP
Residual Chlorine ^A	mg/L	0.063	0.20	0.290	4500-Cl-G.DPD Colorimetric	06/03/2020	KAP
Color	ACU	2	NA	<2	2120B. Visual Comparison (Pt-Co)	06/03/2020	KAP
Taste ^A	-	NA	NA	UO	2160. Sensory	06/02/2020	KAP
Odor ^A	-	NA	NA	UO	2150. Sensory	06/02/2020	KAP
Turbidity ^A	NTU	0.115	0.365	0.250	2130. Nephelometric	06/03/2020	KAP
Total Hardness as CaCO ₃ ^A	mg/L	0.469	1.49	153	2340C. EDTA Titrimetric	06/05/2020	KAP
Total Dissolved Solids	mg/L	4.77	12.5	243	2540C. Gravimetric, dried @ 180°C	06/08/2020	KAP
Nitrate (NO ₃) ^A	mg/L	0.0574	0.183	5.89	4110B. Ion Chromatography with Chemical Suppression of Eluent Conductivity	06/03/2020	KAP
Chloride (Cl) ^A	mg/L	0.0372	0.119	3.91		06/03/2020	KAP
Fluoride (F) ^A	mg/L	0.0524	0.167	0.290		06/03/2020	KAP
Sulfate (SO ₄ ²⁻) ^A	mg/L	0.0567	0.181	7.62		06/03/2020	KAP
Iron (Fe) ^A	mg/L	NA	0.005	<0.005	3500-Fe B. Colorimetric	06/03/2020	KYA
Manganese (Mn) ^A	mg/L	NA	0.01	<0.010		06/03/2020	KYA

REMARKS: Sample collection was performed by the LWC Field analyst/technician and were analyzed as submitted.

DEVIATIONS: No deviations noted on sample collection and submission.

NOTE: A Method is not part of DENR-ELR Recognized Parameters

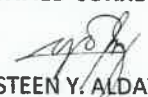
LEGEND: **ACU:** Apparent Color Unit; **NTU:** Nephelometric Turbidity Unit; **UO:** Unobjectionable; **NA:** Not Applicable; **MDL:** Method Detection Limit; **LOQ:** Limit of Quantification

METHOD REFERENCE: Standard Methods for the Examination of Water and Wastewater, 23rd Edition

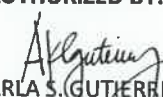
NOT VALID WITHOUT QR STAMP



CERTIFIED CORRECT BY:


KRISTEEN Y. ALDAY, RCh
Analytical Services Unit Manager
PRC License No. 0013295

AUTHORIZED BY:


ANNA KARLA S. GUTIERREZ, RMT
Laboratory Services Manager
License No. PRC 0060968

This report may not be reproduced in part or in full and may not be used for advertisement or litigation purposes without permission from Laguna AAWater Corporation. This report is certified to have passed the Laguna AAWater Corporation Quality Control procedures for reporting results of analysis

ADDRESS: 8 North Science Avenue, Laguna Technopark Inc., Brgy. Biñan (Poblacion), Biñan City, Laguna

CONTACT NO.: (049) 543-1916

WEBSITE: www.lagunawater.com.ph

CUSTOMER NAME : Laguna AAWater Corporation

ADDRESS : G/F One Evotech Bldg., Nuvali, Santa Rosa City, Laguna, Philippines

ATTENTION : N/A

SUMMARY OF LABORATORY ANALYSIS

SAMPLE CODE : S20-3478 **DATE/TIME SUBMITTED** : 06/02/2020 14:50
DATE/TIME COLLECTION : 06/02/2020 12:15 **COLLECTED BY** : Edwin O. Aguilar
NO. OF SAMPLES : 1 **TOTAL PARAMETERS TESTED** : 15
SAMPLE LOCATION : AVIDA SHOPHOUSE, LTI SPINE ROAD, LAGUNA BOULEVARD, BRGY. BIÑAN, BIÑAN CITY, LAGUNA
SAMPLE CHARACTERISTICS : 2000 mL water sample in polyethylene bottle

PARAMETER(S)	UNIT	MDL	LOQ	RESULT(S)	METHOD(S)	ANALYSIS	
						DATE	BY
pH / Temperature	-/°C	NA	NA	7.09/25.0	4500-H*. Electrometric	06/03/2020	KAP
Residual Chlorine ^A	mg/L	0.063	0.20	0.365	4500-Cl-G.DPD Colorimetric	06/03/2020	KAP
Color	ACU	2	NA	<2	2120B. Visual Comparison (Pt-Co)	06/03/2020	KAP
Taste ^A	-	NA	NA	UO	2160. Sensory	06/02/2020	KAP
Odor ^A	-	NA	NA	UO	2150. Sensory	06/02/2020	KAP
Turbidity ^A	NTU	0.115	0.365	<0.115	2130. Nephelometric	06/03/2020	KAP
Total Hardness as CaCO ₃ ^A	mg/L	0.469	1.49	143	2340C. EDTA Titrimetric	06/05/2020	KAP
Total Dissolved Solids	mg/L	4.77	12.5	220	2540C. Gravimetric, dried @ 180°C	06/08/2020	KAP
Nitrate (NO ₃ ⁻) ^A	mg/L	0.0574	0.183	5.90	4110B. Ion Chromatography with Chemical Suppression of Eluent Conductivity	06/03/2020	KAP
Chloride (Cl ⁻) ^A	mg/L	0.0372	0.119	3.91		06/03/2020	KAP
Fluoride (F ⁻) ^A	mg/L	0.0524	0.167	0.289		06/03/2020	KAP
Sulfate (SO ₄ ²⁻) ^A	mg/L	0.0567	0.181	7.62		06/03/2020	KAP
Iron (Fe) ^A	mg/L	NA	0.005	<0.005	3500-Fe B. Colorimetric	06/03/2020	KYA
Manganese (Mn) ^A	mg/L	NA	0.01	<0.010		06/03/2020	KYA

REMARKS: Sample collection was performed by the LWC Field analyst/technician and were analyzed as submitted.

DEVIATIONS: No deviations noted on sample collection and submission.

NOTE: ^A Method is not part of DENR-ELR Recognized Parameters


LEGEND: **ACU:** Apparent Color Unit; **NTU:** Nephelometric Turbidity Unit; **UO:** Unobjectionable; **NA:** Not Applicable; **MDL:** Method Detection Limit; **LOQ:** Limit of Quantification

METHOD REFERENCE: Standard Methods for the Examination of Water and Wastewater, 23rd Edition


NOT VALID WITHOUT QR STAMP



CERTIFIED CORRECT BY:


KRISTEEN Y. ALDAY, RCh
Analytical Services Unit Manager
PRC License No. 0013295

AUTHORIZED BY:


ANNA KARLA S. GUTIERREZ, RMT
Laboratory Services Manager
License No. PRC 0060968

This report may not be reproduced in part or in full and may not be used for advertisement or litigation purposes without permission from Laguna AAWater Corporation. This report is certified to have passed the Laguna AAWater Corporation Quality Control procedures for reporting results of analysis

ADDRESS: 8 North Science Avenue, Laguna Technopark Inc., Brgy. Biñan (Poblacion), Biñan City, Laguna

CONTACT NO.: (049) 543-1916

WEBSITE: www.lagunawater.com.ph

CUSTOMER NAME : Laguna AAWater Corporation

ADDRESS : G/F One Evotech Bldg., Nuvali, Santa Rosa City, Laguna, Philippines

ATTENTION : N/A

SUMMARY OF LABORATORY ANALYSIS

SAMPLE CODE : S20-3479 **DATE/TIME SUBMITTED** : 06/02/2020 14:50
DATE/TIME COLLECTION : 06/02/2020 12:40 **COLLECTED BY** : Edwin O. Aguilar
NO. OF SAMPLES : 1 **TOTAL PARAMETERS TESTED** : 15
SAMPLE LOCATION : DE LA SALLE UNIVERSITY SCIENCE AND TECHNOLOGY COMPLEX, LTI SPINE ROAD, LAGUNA BOULEVARD, BRGY. BIÑAN, BIÑAN CITY, LAGUNA
SAMPLE CHARACTERISTICS : 2000 mL water sample in polyethylene bottle

PARAMETER(S)	UNIT	MDL	LOQ	RESULT(S)	METHOD(S)	ANALYSIS	
						DATE	BY
pH / Temperature	-/°C	NA	NA	7.09/25.0	4500-H ⁺ . Electrometric	06/03/2020	KAP
Residual Chlorine ^A	mg/L	0.063	0.20	0.350	4500-Cl-G.DPD Colorimetric	06/03/2020	KAP
Color	ACU	2	NA	<2	2120B. Visual Comparison (Pt-Co)	06/03/2020	KAP
Taste ^A	-	NA	NA	UO	2160. Sensory	06/02/2020	KAP
Odor ^A	-	NA	NA	UO	2150. Sensory	06/02/2020	KAP
Turbidity ^A	NTU	0.115	0.365	<0.115	2130. Nephelometric	06/03/2020	KAP
Total Hardness as CaCO ₃ ^A	mg/L	0.469	1.49	135	2340C. EDTA Titrimetric	06/05/2020	KAP
Total Dissolved Solids	mg/L	4.77	12.5	247	2540C. Gravimetric, dried @ 180°C	06/08/2020	KAP
Nitrate (NO ₃ ⁻) ^A	mg/L	0.0574	0.183	5.91	4110B. Ion Chromatography with Chemical Suppression of Eluent Conductivity	06/03/2020	KAP
Chloride (Cl ⁻) ^A	mg/L	0.0372	0.119	3.94		06/03/2020	KAP
Fluoride (F ⁻) ^A	mg/L	0.0524	0.167	0.283		06/03/2020	KAP
Sulfate (SO ₄ ²⁻) ^A	mg/L	0.0567	0.181	7.52		06/03/2020	KAP
Iron (Fe) ^A	mg/L	NA	0.005	<0.005	3500-Fe B. Colorimetric	06/03/2020	KYA
Manganese (Mn) ^A	mg/L	NA	0.01	<0.010		06/03/2020	KYA

REMARKS: Sample collection was performed by the LWC Field analyst/technician and were analyzed as submitted.

DEVIATIONS: No deviations noted on sample collection and submission.

NOTE: ^A Method is not part of DENR-ELR Recognized Parameters

LEGEND: **ACU:** Apparent Color Unit; **NTU:** Nephelometric Turbidity Unit; **UO:** Unobjectionable; **NA:** Not Applicable; **MDL:** Method Detection Limit;


LOQ: Limit of Quantification

METHOD REFERENCE: Standard Methods for the Examination of Water and Wastewater, 23rd Edition


NOT VALID WITHOUT QR STAMP



CERTIFIED CORRECT BY:


KRISTEEN Y. ALDAY, RCh
Analytical Services Unit Manager
PRC License No. 0013295

AUTHORIZED BY:


ANNA KARLA S. GUTIERREZ, RMT
Laboratory Services Manager
License No. PRC 0060968

This report may not be reproduced in part or in full and may not be used for advertisement or litigation purposes without permission from Laguna AAWater Corporation. This report is certified to have passed the Laguna AAWater Corporation Quality Control procedures for reporting results of analysis

ADDRESS: 8 North Science Avenue, Laguna Technopark Inc., Brgy. Biñan (Poblacion), Biñan City, Laguna

CONTACT NO.: (049) 543-1916

WEBSITE: www.lagunawater.com.ph

CUSTOMER NAME : Laguna AAWater Corporation

ADDRESS : G/F One Evotech Bldg., Nuvali, Santa Rosa City, Laguna, Philippines

ATTENTION : N/A

SUMMARY OF LABORATORY ANALYSIS

SAMPLE CODE : S20-3480 DATE/TIME SUBMITTED : 06/02/2020 14:50
DATE/TIME COLLECTION : 06/02/2020 13:00 COLLECTED BY : Edwin O. Aguilar
NO. OF SAMPLES : 1 TOTAL PARAMETERS TESTED : 15
SAMPLE LOCATION : BLOCK 43 LOT 13, CELINA TECHNOPARK, BRGY. LOMA, BIÑAN CITY, LAGUNA
SAMPLE CHARACTERISTICS : 2000 mL water sample in polyethylene bottle

PARAMETER(S)	UNIT	MDL	LOQ	RESULT(S)	METHOD(S)	ANALYSIS	
						DATE	BY
pH / Temperature	-/°C	NA	NA	7.12/25.3	4500-H ⁺ . Electrometric	06/03/2020	KAP
Residual Chlorine ^A	mg/L	0.063	0.20	0.0900	4500-Cl-G.DPD Colorimetric	06/03/2020	KAP
Color	ACU	2	NA	<2	2120B. Visual Comparison (Pt-Co)	06/03/2020	KAP
Taste ^A	-	NA	NA	UO	2160. Sensory	06/02/2020	KAP
Odor ^A	-	NA	NA	UO	2150. Sensory	06/02/2020	KAP
Turbidity ^A	NTU	0.115	0.365	0.500	2130. Nephelometric	06/03/2020	KAP
Total Hardness as CaCO ₃ ^A	mg/L	0.469	1.49	145	2340C. EDTA Titrimetric	06/05/2020	KAP
Total Dissolved Solids	mg/L	4.77	12.5	243	2540C. Gravimetric, dried @ 180°C	06/08/2020	KAP
Nitrate (NO ₃) ^A	mg/L	0.0574	0.183	4.78	4110B. Ion Chromatography with Chemical Suppression of Eluent Conductivity	06/03/2020	KAP
Chloride (Cl) ^A	mg/L	0.0372	0.119	3.69		06/03/2020	KAP
Fluoride (F) ^A	mg/L	0.0524	0.167	0.279		06/03/2020	KAP
Sulfate (SO ₄ ²⁻) ^A	mg/L	0.0567	0.181	6.93		06/03/2020	KAP
Iron (Fe) ^A	mg/L	NA	0.005	0.010		06/03/2020	KYA
Manganese (Mn) ^A	mg/L	NA	0.01	<0.010	3500-Fe B. Colorimetric	06/03/2020	KYA

REMARKS: Sample collection was performed by the LWC Field analyst/technician and were analyzed as submitted.

DEVIATIONS: No deviations noted on sample collection and submission.

NOTE: ^A Method is not part of DENR-ELR Recognized Parameters

LEGEND: **ACU:** Apparent Color Unit; **NTU:** Nephelometric Turbidity Unit; **UO:** Unobjectionable; **NA:** Not Applicable; **MDL:** Method Detection Limit;


LOQ: Limit of Quantification

METHOD REFERENCE: Standard Methods for the Examination of Water and Wastewater, 23rd Edition


NOT VALID WITHOUT QR STAMP



CERTIFIED CORRECT BY:


KRISTEEN Y. ALDAY, RCh
Analytical Services Unit Manager
PRC License No. 0013295

AUTHORIZED BY:


ANNA KARLA S. GUTIERREZ, RMT
Laboratory Services Manager
License No. PRC 0060968

This report may not be reproduced in part or in full and may not be used for advertisement or litigation purposes without permission from Laguna AAWater Corporation. This report is certified to have passed the Laguna AAWater Corporation Quality Control procedures for reporting results of analysis

ADDRESS: 8 North Science Avenue, Laguna Technopark Inc., Brgy. Biñan (Poblacion), Biñan City, Laguna

CONTACT NO.: (049) 543-1916

WEBSITE: www.lagunawater.com.ph

CUSTOMER NAME : Laguna AAWater Corporation

ADDRESS : G/F One Evotech Bldg., Nuvali, Santa Rosa City, Laguna, Philippines

ATTENTION : N/A

SUMMARY OF LABORATORY ANALYSIS

SAMPLE CODE : S20-3481 DATE/TIME SUBMITTED : 06/02/2020 14:50
DATE/TIME COLLECTION : 06/02/2020 13:20 COLLECTED BY : Edwin O. Aguilar
NO. OF SAMPLES : 1 TOTAL PARAMETERS TESTED : 15
SAMPLE LOCATION : CLUBHOUSE, VERDANA HOMES SUBDIVISION, BRGY. MAMPLASAN, BIÑAN CITY, LAGUNA
SAMPLE CHARACTERISTICS : 2000 mL water sample in polyethylene bottle

PARAMETER(S)	UNIT	MDL	LOQ	RESULT(S)	METHOD(S)	ANALYSIS	
						DATE	BY
pH / Temperature	-/°C	NA	NA	7.10/25.2	4500-H ⁺ . Electrometric	06/03/2020	KAP
Residual Chlorine ^A	mg/L	0.063	0.20	0.380	4500-Cl-G.DPD Colorimetric	06/03/2020	KAP
Color	ACU	2	NA	<2	2120B. Visual Comparison (Pt-Co)	06/03/2020	KAP
Taste ^A	-	NA	NA	UO	2160. Sensory	06/02/2020	KAP
Odor ^A	-	NA	NA	UO	2150. Sensory	06/02/2020	KAP
Turbidity ^A	NTU	0.115	0.365	<0.115	2130. Nephelometric	06/03/2020	KAP
Total Hardness as CaCO ₃ ^A	mg/L	0.469	1.49	169	2340C. EDTA Titrimetric	06/05/2020	KAP
Total Dissolved Solids	mg/L	4.77	12.5	257	2540C. Gravimetric, dried @ 180°C	06/08/2020	KAP
Nitrate (NO ₃) ^A	mg/L	0.0574	0.183	6.25	4110B. Ion Chromatography with Chemical Suppression of Eluent Conductivity	06/03/2020	KAP
Chloride (Cl) ^A	mg/L	0.0372	0.119	4.36		06/03/2020	KAP
Fluoride (F) ^A	mg/L	0.0524	0.167	0.275		06/03/2020	KAP
Sulfate (SO ₄ ²⁻) ^A	mg/L	0.0567	0.181	7.55		06/03/2020	KAP
Iron (Fe) ^A	mg/L	NA	0.005	<0.005	3500-Fe B. Colorimetric	06/03/2020	KYA
Manganese (Mn) ^A	mg/L	NA	0.01	<0.010		06/03/2020	KYA

REMARKS: Sample collection was performed by the LWC Field analyst/technician and were analyzed as submitted.

DEVIATIONS: No deviations noted on sample collection and submission.

NOTE: A Method is not part of DENR-ELR Recognized Parameters

LEGEND: ACU: Apparent Color Unit; NTU: Nephelometric Turbidity Unit; UO: Unobjectionable; NA: Not Applicable; MDL: Method Detection Limit;


LOQ: Limit of Quantification

METHOD REFERENCE: Standard Methods for the Examination of Water and Wastewater, 23rd Edition


NOT VALID WITHOUT QR STAMP



CERTIFIED CORRECT BY:


KRISTEEN Y. ALDAY, RCH
Analytical Services Unit Manager
PRC License No. 0013295

AUTHORIZED BY:


ANNA KARLA S. GUTIERREZ, RMT
Laboratory Services Manager
License No. PRC 0060968

This report may not be reproduced in part or in full and may not be used for advertisement or litigation purposes without permission from Laguna AAWater Corporation. This report is certified to have passed the Laguna AAWater Corporation Quality Control procedures for reporting results of analysis

ADDRESS: 8 North Science Avenue, Laguna Technopark Inc., Brgy. Biñan (Poblacion), Biñan City, Laguna

CONTACT NO.: (049) 543-1916

WEBSITE: www.lagunawater.com.ph

CUSTOMER NAME : Laguna AAWater Corporation

ADDRESS : G/F One Evotech Bldg., Nuvali, Santa Rosa City, Laguna, Philippines

ATTENTION : N/A

SUMMARY OF LABORATORY ANALYSIS

SAMPLE CODE : S20-3511 **DATE/TIME SUBMITTED** : 06/03/2020 12:40
DATE/TIME COLLECTION : 06/03/2020 12:10 **COLLECTED BY** : Edwin O. Aguilar / Elmer Palmares
NO. OF SAMPLES : 1 **TOTAL PARAMETERS TESTED** : 15
SAMPLE LOCATION : SUMMER BREEZE, BRGY. ZAPOTE, BIÑAN CITY, LAGUNA
SAMPLE CHARACTERISTICS : 2000 mL water sample in polyethylene bottle

PARAMETER(S)	UNIT	MDL	LOQ	RESULT(S)	METHOD(S)	ANALYSIS	
						DATE	BY
pH / Temperature	-/°C	NA	NA	7.22/29.4	4500-H ⁺ . Electrometric	06/03/2020	EOA
Residual Chlorine ^A	mg/L	0.063	0.20	<0.0630	4500-Cl-G.DPD Colorimetric	06/03/2020	EOA
Color	ACU	2	NA	5	2120B. Visual Comparison (Pt-Co)	06/03/2020	KAP
Taste ^A	-	NA	NA	UO	2160. Sensory	06/03/2020	KAP
Odor ^A	-	NA	NA	UO	2150. Sensory	06/03/2020	KAP
Turbidity ^A	NTU	0.115	0.365	1.80	2130. Nephelometric	06/03/2020	KAP
Total Hardness as CaCO ₃ ^A	mg/L	0.469	1.49	173	2340C. EDTA Titrimetric	06/05/2020	KAP
Total Dissolved Solids	mg/L	4.77	12.5	247	2540C. Gravimetric, dried @ 180°C	06/08/2020	KAP
Nitrate (NO ₃) ^A	mg/L	0.0574	0.183	<0.0574	4110B. Ion Chromatography with Chemical Suppression of Eluent Conductivity	06/04/2020	KAP
Chloride (Cl) ^A	mg/L	0.0372	0.119	6.16		06/04/2020	KAP
Fluoride (F) ^A	mg/L	0.0524	0.167	0.318		06/04/2020	KAP
Sulfate (SO ₄ ²⁻) ^A	mg/L	0.0567	0.181	7.48		06/04/2020	KAP
Iron (Fe) ^A	mg/L	NA	0.005	0.17	3500-Fe B. Colorimetric	06/03/2020	KYA
Manganese (Mn) ^A	mg/L	NA	0.01	0.01		06/03/2020	KYA

REMARKS: Sample collection was performed by the LWC Field analyst/technician and were analyzed as submitted.

DEVIATIONS: No deviations noted on sample collection and submission.

NOTE: ^A Method is not part of DENR-ELR Recognized Parameters

LEGEND: **ACU:** Apparent Color Unit; **NTU:** Nephelometric Turbidity Unit; **UO:** Unobjectionable; **NA:** Not Applicable; **MDL:** Method Detection Limit;

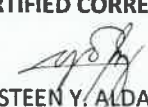
LOQ: Limit of Quantification

METHOD REFERENCE: Standard Methods for the Examination of Water and Wastewater, 23rd Edition

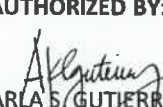
NOT VALID WITHOUT QR STAMP



CERTIFIED CORRECT BY:


KRISTEEN Y. ALDAY, RCh
Analytical Services Unit Manager
PRC License No. 0013295

AUTHORIZED BY:


ANNA KARLA S. GUTIERREZ, RMT
Laboratory Services Manager
License No. PRC 0060968

This report may not be reproduced in part or in full and may not be used for advertisement or litigation purposes without permission from Laguna AAWater Corporation. This report is certified to have passed the Laguna AAWater Corporation Quality Control procedures for reporting results of analysis

ADDRESS: 8 North Science Avenue, Laguna Technopark Inc., Brgy. Biñan (Poblacion), Biñan City, Laguna

CONTACT NO.: (049) 543-1916

WEBSITE: www.lagunawater.com.ph

CUSTOMER NAME : Laguna AAWater Corporation

ADDRESS : G/F One Evotech Bldg., Nuvali, Santa Rosa City, Laguna, Philippines

ATTENTION : N/A

SUMMARY OF LABORATORY ANALYSIS

SAMPLE CODE : S20-3512 DATE/TIME SUBMITTED : 06/03/2020 12:40
 DATE/TIME COLLECTION : 06/03/2020 12:20 COLLECTED BY : Edwin O. Aguilar / Elmer Palmares
 NO. OF SAMPLES : 1 TOTAL PARAMETERS TESTED : 15
 SAMPLE LOCATION : CLUBHOUSE, SUMMER BREEZE, BRGY. ZAPOTE, BIÑAN CITY, LAGUNA
 SAMPLE CHARACTERISTICS : 2000 mL water sample in polyethylene bottle

PARAMETER(S)	UNIT	MDL	LOQ	RESULT(S)	METHOD(S)	ANALYSIS	
						DATE	BY
pH / Temperature	-/°C	NA	NA	7.96/30.1	4500-H ⁺ . Electrometric	06/03/2020	EOA
Residual Chlorine ^A	mg/L	0.063	0.20	<0.0630	4500-Cl-G.DPD Colorimetric	06/03/2020	EOA
Color	ACU	2	NA	5	2120B. Visual Comparison (Pt-Co)	06/03/2020	KAP
Taste ^A	-	NA	NA	UO	2160. Sensory	06/03/2020	KAP
Odor ^A	-	NA	NA	UO	2150. Sensory	06/03/2020	KAP
Turbidity ^A	NTU	0.115	0.365	1.55	2130. Nephelometric	06/03/2020	KAP
Total Hardness as CaCO ₃ ^A	mg/L	0.469	1.49	179	2340C. EDTA Titrimetric	06/05/2020	KAP
Total Dissolved Solids	mg/L	4.77	12.5	267	2540C. Gravimetric, dried @ 180°C	06/08/2020	KAP
Nitrate (NO ₃ ⁻) ^A	mg/L	0.0574	0.183	<0.0574	4110B. Ion Chromatography with Chemical Suppression of Eluent Conductivity	06/04/2020	KAP
Chloride (Cl ⁻) ^A	mg/L	0.0372	0.119	6.17		06/04/2020	KAP
Fluoride (F ⁻) ^A	mg/L	0.0524	0.167	0.314		06/04/2020	KAP
Sulfate (SO ₄ ²⁻) ^A	mg/L	0.0567	0.181	7.74		06/04/2020	KAP
Iron (Fe) ^A	mg/L	NA	0.005	0.150	3500-Fe B. Colorimetric	06/03/2020	KYA
Manganese (Mn) ^A	mg/L	NA	0.01	0.010		06/03/2020	KYA

REMARKS: Sample collection was performed by the LWC Field analyst/technician and were analyzed as submitted.

DEVIATIONS: No deviations noted on sample collection and submission.

NOTE: ^A Method is not part of DENR-ELR Recognized Parameters

LEGEND: ^{ACU}: Apparent Color Unit; ^{NTU}: Nephelometric Turbidity Unit; ^{UO}: Unobjectionable; ^{NA}: Not Applicable; ^{MDL}: Method Detection Limit;


^{LOQ}: Limit of Quantification

METHOD REFERENCE: Standard Methods for the Examination of Water and Wastewater, 23rd Edition


NOT VALID WITHOUT QR STAMP



CERTIFIED CORRECT BY:


KRISTEEN Y. ALDAY, RCh
Analytical Services Unit Manager
PRC License No. 0013295

AUTHORIZED BY:


ANNA KARLA S. GUTIERREZ, RMT
Laboratory Services Manager
License No. PRC 0060968

This report may not be reproduced in part or in full and may not be used for advertisement or litigation purposes without permission from Laguna AAWater Corporation. This report is certified to have passed the Laguna AAWater Corporation Quality Control procedures for reporting results of analysis

Accreditations, Recognitions and Licenses:

DOH Accredited Testing Laboratory (04A-001-1820-LW-2)
DENR Environmental Laboratory Recognition (ELR Code 04-30)
PNRI (RML No. Y04.04132.17)
PRC Certificate of Authority to Operate No. 111
PNP (License No. PDD03-230616-04201)

ADDRESS: 8 North Science Avenue, Laguna Technopark Inc., Brgy. Biñan (Poblacion), Biñan City, Laguna

CONTACT NO.: (049) 543-1916

WEBSITE: www.lagunawater.com.ph

CUSTOMER NAME : Laguna AAWater Corporation

ADDRESS : G/F One Evotech Bldg., Nuvali, Santa Rosa City, Laguna, Philippines

ATTENTION : N/A

SUMMARY OF LABORATORY ANALYSIS

SAMPLE CODE : S20-3513 DATE/TIME SUBMITTED : 06/03/2020 12:40
DATE/TIME COLLECTION : 06/03/2020 10:51 COLLECTED BY : Edwin O. Aguilar / Elmer Palmares
NO. OF SAMPLES : 1 TOTAL PARAMETERS TESTED : 15
SAMPLE LOCATION : EVERGREEN ELEVATED WATER TANK, BRGY. ZAPOTE, BIÑAN CITY, LAGUNA
SAMPLE CHARACTERISTICS : 2000 mL water sample in polyethylene bottle

PARAMETER(S)	UNIT	MDL	LOQ	RESULT(S)	METHOD(S)	ANALYSIS	
						DATE	BY
pH / Temperature	-/°C	NA	NA	7.68/29.0	4500-H ⁺ . Electrometric	06/03/2020	EOA
Residual Chlorine ^A	mg/L	0.063	0.20	<0.0630	4500-Cl-G.DPD Colorimetric	06/03/2020	EOA
Color	ACU	2	NA	5	2120B. Visual Comparison (Pt-Co)	06/03/2020	KAP
Taste ^A	-	NA	NA	UO	2160. Sensory	06/03/2020	KAP
Odor ^A	-	NA	NA	UO	2150. Sensory	06/03/2020	KAP
Turbidity ^A	NTU	0.115	0.365	0.250	2130. Nephelometric	06/03/2020	KAP
Total Hardness as CaCO ₃ ^A	mg/L	0.469	1.49	162	2340C. EDTA Titrimetric	06/05/2020	KAP
Total Dissolved Solids	mg/L	4.77	12.5	230	2540C. Gravimetric, dried @ 180°C	06/08/2020	KAP
Nitrate (NO ₃ ⁻) ^A	mg/L	0.0574	0.183	0.529	4110B. Ion Chromatography with Chemical Suppression of Eluent Conductivity	06/04/2020	KAP
Chloride (Cl ⁻) ^A	mg/L	0.0372	0.119	4.39		06/04/2020	KAP
Fluoride (F ⁻) ^A	mg/L	0.0524	0.167	0.314		06/04/2020	KAP
Sulfate (SO ₄ ²⁻) ^A	mg/L	0.0567	0.181	5.01		06/04/2020	KAP
Iron (Fe) ^A	mg/L	NA	0.005	0.050	3500-Fe B. Colorimetric	06/03/2020	KYA
Manganese (Mn) ^A	mg/L	NA	0.01	<0.010		06/03/2020	KYA

REMARKS: Sample collection was performed by the LWC Field analyst/technician and were analyzed as submitted.

DEVIATIONS: No deviations noted on sample collection and submission.

NOTE: A Method is not part of DENR-ELR Recognized Parameters


LEGEND: ACU: Apparent Color Unit; NTU: Nephelometric Turbidity Unit; UO: Unobjectionable; NA: Not Applicable; MDL: Method Detection Limit; LOQ: Limit of Quantification

METHOD REFERENCE: Standard Methods for the Examination of Water and Wastewater, 23rd Edition


NOT VALID WITHOUT QR STAMP



CERTIFIED CORRECT BY:


KRISTEEN Y. ALDAY, RCh
Analytical Services Unit Manager
PRC License No. 0013295

AUTHORIZED BY:


ANNA KARLA S. GUTIERREZ, RMT
Laboratory Services Manager
License No. PRC 0060968

This report may not be reproduced in part or in full and may not be used for advertisement or litigation purposes without permission from Laguna AAWater Corporation. This report is certified to have passed the Laguna AAWater Corporation Quality Control procedures for reporting results of analysis

ADDRESS: 8 North Science Avenue, Laguna Technopark Inc., Brgy. Biñan (Poblacion), Biñan City, Laguna

CONTACT NO.: (049) 543-1916

WEBSITE: www.lagunawater.com.ph

CUSTOMER NAME : Laguna AAWater Corporation

ADDRESS : G/F One Evotech Bldg., Nuvali, Santa Rosa City, Laguna, Philippines

ATTENTION : N/A

SUMMARY OF LABORATORY ANALYSIS

SAMPLE CODE : S20-3514 DATE/TIME SUBMITTED : 06/03/2020 12:40
DATE/TIME COLLECTION : 06/03/2020 11:10 COLLECTED BY : Edwin O. Aguilar / Elmer Palmares
NO. OF SAMPLES : 1 TOTAL PARAMETERS TESTED : 15
SAMPLE LOCATION : EVERGREEN CLUBHOUSE, BRGY. ZAPOTE, BIÑAN CITY, LAGUNA
SAMPLE CHARACTERISTICS : 2000 mL water sample in polyethylene bottle

PARAMETER(S)	UNIT	MDL	LOQ	RESULT(S)	METHOD(S)	ANALYSIS	
						DATE	BY
pH / Temperature	-/°C	NA	NA	7.30/29.9	4500-H ⁺ . Electrometric	06/03/2020	EOA
Residual Chlorine ^A	mg/L	0.063	0.20	0.150	4500-Cl-G.DPD Colorimetric	06/03/2020	EOA
Color	ACU	2	NA	<2	2120B. Visual Comparison (Pt-Co)	06/03/2020	KAP
Taste ^A	-	NA	NA	UO	2160. Sensory	06/03/2020	KAP
Odor ^A	-	NA	NA	UO	2150. Sensory	06/03/2020	KAP
Turbidity ^A	NTU	0.115	0.365	0.300	2130. Nephelometric	06/03/2020	KAP
Total Hardness as CaCO ₃ ^A	mg/L	0.469	1.49	169	2340C. EDTA Titrimetric	06/05/2020	KAP
Total Dissolved Solids	mg/L	4.77	12.5	277	2540C. Gravimetric, dried @ 180°C	06/08/2020	KAP
Nitrate (NO ₃ ⁻) ^A	mg/L	0.0574	0.183	<0.0574	4110B. Ion Chromatography with Chemical Suppression of Eluent Conductivity	06/04/2020	KAP
Chloride (Cl ⁻) ^A	mg/L	0.0372	0.119	3.76		06/04/2020	KAP
Fluoride (F ⁻) ^A	mg/L	0.0524	0.167	0.340		06/04/2020	KAP
Sulfate (SO ₄ ²⁻) ^A	mg/L	0.0567	0.181	4.61		06/04/2020	KAP
Iron (Fe) ^A	mg/L	NA	0.005	0.140	3500-Fe B. Colorimetric	06/03/2020	KYA
Manganese (Mn) ^A	mg/L	NA	0.01	<0.010		06/03/2020	KYA

REMARKS: Sample collection was performed by the LWC Field analyst/technician and were analyzed as submitted.

DEVIATIONS: No deviations noted on sample collection and submission.

NOTE: ^A Method is not part of DENR-ELR Recognized Parameters

LEGEND: ACU: Apparent Color Unit; NTU: Nephelometric Turbidity Unit; UO: Unobjectionable; NA: Not Applicable; MDL: Method Detection Limit;


LOQ: Limit of Quantification

METHOD REFERENCE: Standard Methods for the Examination of Water and Wastewater, 23rd Edition


NOT VALID WITHOUT QR STAMP



CERTIFIED CORRECT BY:


KRISTEEN Y. ALDAY, RCh
Analytical Services Unit Manager
PRC License No. 0013295

AUTHORIZED BY:


ANNA KARLA S. GUTIERREZ, RMT
Laboratory Services Manager
License No. PRC 0060968

This report may not be reproduced in part or in full and may not be used for advertisement or litigation purposes without permission from Laguna AAWater Corporation. This report is certified to have passed the Laguna AAWater Corporation Quality Control procedures for reporting results of analysis

ADDRESS: 8 North Science Avenue, Laguna Technopark Inc., Brgy. Biñan (Poblacion), Biñan City, Laguna

CONTACT NO.: (049) 543-1916

WEBSITE: www.lagunawater.com.ph

CUSTOMER NAME : Laguna AAWater Corporation

ADDRESS : G/F One Evotech Bldg., Nuvali, Santa Rosa City, Laguna, Philippines

ATTENTION : N/A

SUMMARY OF LABORATORY ANALYSIS

SAMPLE CODE : S20-3515 **DATE/TIME SUBMITTED** : 06/03/2020 12:40
DATE/TIME COLLECTION : 06/03/2020 11:15 **COLLECTED BY** : Edwin O. Aguilar / Elmer Palmares
NO. OF SAMPLES : 1 **TOTAL PARAMETERS TESTED** : 15
SAMPLE LOCATION : ELEVATED WATER TANK, MONDO BAMBINI, BRGY. PLATERO, BIÑAN CITY, LAGUNA
SAMPLE CHARACTERISTICS : 2000 mL water sample in polyethylene bottle

PARAMETER(S)	UNIT	MDL	LOQ	RESULT(S)	METHOD(S)	ANALYSIS	
						DATE	BY
pH / Temperature	-/°C	NA	NA	7.82/29.1	4500-H ⁺ . Electrometric	06/03/2020	EOA
Residual Chlorine ^A	mg/L	0.063	0.20	0.100	4500-Cl-G.DPD Colorimetric	06/03/2020	EOA
Color	ACU	2	NA	5	2120B. Visual Comparison (Pt-Co)	06/03/2020	KAP
Taste ^A	-	NA	NA	UO	2160. Sensory	06/03/2020	KAP
Odor ^A	-	NA	NA	UO	2150. Sensory	06/03/2020	KAP
Turbidity ^A	NTU	0.115	0.365	0.550	2130. Nephelometric	06/03/2020	KAP
Total Hardness as CaCO ₃ ^A	mg/L	0.469	1.49	176	2340C. EDTA Titrimetric	06/05/2020	KAP
Total Dissolved Solids	mg/L	4.77	12.5	290	2540C. Gravimetric, dried @ 180°C	06/08/2020	KAP
Nitrate (NO ₃) ^A	mg/L	0.0574	0.183	<0.0574	4110B. Ion Chromatography with Chemical Suppression of Eluent Conductivity	06/04/2020	KAP
Chloride (Cl) ^A	mg/L	0.0372	0.119	5.13		06/04/2020	KAP
Fluoride (F) ^A	mg/L	0.0524	0.167	0.325		06/04/2020	KAP
Sulfate (SO ₄ ²⁻) ^A	mg/L	0.0567	0.181	4.99		06/04/2020	KAP
Iron (Fe) ^A	mg/L	NA	0.005	0.330	3500-Fe B. Colorimetric	06/03/2020	KYA
Manganese (Mn) ^A	mg/L	NA	0.01	<0.010		06/03/2020	KYA

REMARKS: Sample collection was performed by the LWC Field analyst/technician and were analyzed as submitted.

DEVIATIONS: No deviations noted on sample collection and submission.

NOTE: ^A Method is not part of DENR-ELR Recognized Parameters

LEGEND: **ACU:** Apparent Color Unit; **NTU:** Nephelometric Turbidity Unit; **UO:** Unobjectionable; **NA:** Not Applicable; **MDL:** Method Detection Limit;


LOQ: Limit of Quantification

METHOD REFERENCE: Standard Methods for the Examination of Water and Wastewater, 23rd Edition


NOT VALID WITHOUT QR STAMP



CERTIFIED CORRECT BY:


KRISTEEN Y. ALDAY, RCh
Analytical Services Unit Manager
PRC License No. 0013295

AUTHORIZED BY:


ANNA KARLA S. GUTIERREZ, RMT
Laboratory Services Manager
License No. PRC 0060968

This report may not be reproduced in part or in full and may not be used for advertisement or litigation purposes without permission from Laguna AAWater Corporation. This report is certified to have passed the Laguna AAWater Corporation Quality Control procedures for reporting results of analysis

ADDRESS: 8 North Science Avenue, Laguna Technopark Inc., Brgy. Biñan (Poblacion), Biñan City, Laguna

CONTACT NO.: (049) 543-1916

WEBSITE: www.lagunawater.com.ph

CUSTOMER NAME : Laguna AAWater Corporation

ADDRESS : G/F One Evotech Bldg., Nuvali, Santa Rosa City, Laguna, Philippines

ATTENTION : N/A

SUMMARY OF LABORATORY ANALYSIS

SAMPLE CODE : S20-3516 **DATE/TIME SUBMITTED** : 06/03/2020 12:40
DATE/TIME COLLECTION : 06/03/2020 11:20 **COLLECTED BY** : Edwin O. Aguilar / Elmer Palmares
NO. OF SAMPLES : 1 **TOTAL PARAMETERS TESTED** : 15
SAMPLE LOCATION : CLUBHOUSE, MONDO BAMBINI, BRGY. PLATERO, BIÑAN CITY, LAGUNA
SAMPLE CHARACTERISTICS : 2000 mL water sample in polyethylene bottle

PARAMETER(S)	UNIT	MDL	LOQ	RESULT(S)	METHOD(S)	ANALYSIS	
						DATE	BY
pH / Temperature	-/°C	NA	NA	7.65/30.7	4500-H ⁺ . Electrometric	06/03/2020	EOA
Residual Chlorine ^A	mg/L	0.063	0.20	0.0700	4500-Cl-G.DPD Colorimetric	06/03/2020	EOA
Color	ACU	2	NA	<2	2120B. Visual Comparison (Pt-Co)	06/03/2020	KAP
Taste ^A	-	NA	NA	UO	2160. Sensory	06/03/2020	KAP
Odor ^A	-	NA	NA	UO	2150. Sensory	06/03/2020	KAP
Turbidity ^A	NTU	0.115	0.365	0.400	2130. Nephelometric	06/03/2020	KAP
Total Hardness as CaCO ₃ ^A	mg/L	0.469	1.49	171	2340C. EDTA Titrimetric	06/05/2020	KAP
Total Dissolved Solids	mg/L	4.77	12.5	193	2540C. Gravimetric, dried @ 180°C	06/08/2020	KAP
Nitrate (NO ₃) ^A	mg/L	0.0574	0.183	<0.0574	4110B. Ion Chromatography with Chemical Suppression of Eluent Conductivity	06/04/2020	KAP
Chloride (Cl) ^A	mg/L	0.0372	0.119	4.56		06/04/2020	KAP
Fluoride (F) ^A	mg/L	0.0524	0.167	0.331		06/04/2020	KAP
Sulfate (SO ₄ ²⁻) ^A	mg/L	0.0567	0.181	4.78		06/04/2020	KAP
Iron (Fe) ^A	mg/L	NA	0.005	0.280		3500-Fe B. Colorimetric	06/03/2020
Manganese (Mn) ^A	mg/L	NA	0.01	<0.01	06/03/2020		KYA

REMARKS: Sample collection was performed by the LWC Field analyst/technician and were analyzed as submitted.

DEVIATIONS: No deviations noted on sample collection and submission.

NOTE: ^A Method is not part of DENR-ELR Recognized Parameters


LEGEND: **ACU:** Apparent Color Unit; **NTU:** Nephelometric Turbidity Unit; **UO:** Unobjectionable; **NA:** Not Applicable; **MDL:** Method Detection Limit; **LOQ:** Limit of Quantification

METHOD REFERENCE: Standard Methods for the Examination of Water and Wastewater, 23rd Edition


NOT VALID WITHOUT QR STAMP



CERTIFIED CORRECT BY:


KRISTEEN Y. ALDAY, RCH
Analytical Services Unit Manager
PRC License No. 0013295

AUTHORIZED BY:


ANNA KARLA S. GUTIERREZ, RMT
Laboratory Services Manager
License No. PRC 0060968

This report may not be reproduced in part or in full and may not be used for advertisement or litigation purposes without permission from Laguna AAWater Corporation. This report is certified to have passed the Laguna AAWater Corporation Quality Control procedures for reporting results of analysis

ADDRESS: 8 North Science Avenue, Laguna Technopark Inc., Brgy. Biñan (Poblacion), Biñan City, Laguna

CONTACT NO.: (049) 543-1916

WEBSITE: www.lagunawater.com.ph

CUSTOMER NAME : Laguna AAWater Corporation

ADDRESS : G/F One Evotech Bldg., Nuvali, Santa Rosa City, Laguna, Philippines

ATTENTION : N/A

SUMMARY OF LABORATORY ANALYSIS

SAMPLE CODE : S20-3517 **DATE/TIME SUBMITTED** : 06/03/2020 12:40
DATE/TIME COLLECTION : 06/03/2020 11:40 **COLLECTED BY** : Edwin O. Aguilar / Elmer Palmares
NO. OF SAMPLES : 1 **TOTAL PARAMETERS TESTED** : 15
SAMPLE LOCATION : ELEVATED WATER TANK, PRIMA CASA, BRGY. PLATERO, BIÑAN CITY, LAGUNA
SAMPLE CHARACTERISTICS : 2000 mL water sample in polyethylene bottle

PARAMETER(S)	UNIT	MDL	LOQ	RESULT(S)	METHOD(S)	ANALYSIS	
						DATE	BY
pH / Temperature	-/°C	NA	NA	7.14/30.1	4500-H ⁺ . Electrometric	06/03/2020	EOA
Residual Chlorine ^A	mg/L	0.063	0.20	0.110	4500-Cl-G.DPD Colorimetric	06/03/2020	EOA
Color	ACU	2	NA	<2	2120B. Visual Comparison (Pt-Co)	06/03/2020	KAP
Taste ^A	-	NA	NA	UO	2160. Sensory	06/03/2020	KAP
Odor ^A	-	NA	NA	UO	2150. Sensory	06/03/2020	KAP
Turbidity ^A	NTU	0.115	0.365	0.150	2130. Nephelometric	06/03/2020	KAP
Total Hardness as CaCO ₃ ^A	mg/L	0.469	1.49	158	2340C. EDTA Titrimetric	06/05/2020	KAP
Total Dissolved Solids	mg/L	4.77	12.5	267	2540C. Gravimetric, dried @ 180°C	06/08/2020	KAP
Nitrate (NO ₃) ^A	mg/L	0.0574	0.183	<0.0574	4110B. Ion Chromatography with Chemical Suppression of Eluent Conductivity	06/04/2020	KAP
Chloride (Cl) ^A	mg/L	0.0372	0.119	9.25		06/04/2020	KAP
Fluoride (F) ^A	mg/L	0.0524	0.167	0.293		06/04/2020	KAP
Sulfate (SO ₄ ²⁻) ^A	mg/L	0.0567	0.181	9.75		06/04/2020	KAP
Iron (Fe) ^A	mg/L	NA	0.005	0.020	3500-Fe B. Colorimetric	06/03/2020	KYA
Manganese (Mn) ^A	mg/L	NA	0.01	<0.010		06/03/2020	KYA

REMARKS: Sample collection was performed by the LWC Field analyst/technician and were analyzed as submitted.

DEVIATIONS: No deviations noted on sample collection and submission.

NOTE: ^A Method is not part of DENR-ELR Recognized Parameters

LEGEND: **ACU:** Apparent Color Unit; **NTU:** Nephelometric Turbidity Unit; **UO:** Unobjectionable; **NA:** Not Applicable; **MDL:** Method Detection Limit;


LOQ: Limit of Quantification

METHOD REFERENCE: Standard Methods for the Examination of Water and Wastewater, 23rd Edition


NOT VALID WITHOUT QR STAMP



CERTIFIED CORRECT BY:


KRISTEEN Y. ALDAY, RCh
Analytical Services Unit Manager
PRC License No. 0013295

AUTHORIZED BY:


ANNA KARLA S. GUTIERREZ, RMT
Laboratory Services Manager
License No. PRC 0060968

This report may not be reproduced in part or in full and may not be used for advertisement or litigation purposes without permission from Laguna AAWater Corporation. This report is certified to have passed the Laguna AAWater Corporation Quality Control procedures for reporting results of analysis

ADDRESS: 8 North Science Avenue, Laguna Technopark Inc., Brgy. Biñan (Poblacion), Biñan City, Laguna

CONTACT NO.: (049) 543-1916

WEBSITE: www.lagunawater.com.ph

CUSTOMER NAME : Laguna AAWater Corporation

ADDRESS : G/F One Evotech Bldg., Nuvali, Santa Rosa City, Laguna, Philippines

ATTENTION : N/A

SUMMARY OF LABORATORY ANALYSIS

SAMPLE CODE : S20-3518 **DATE/TIME SUBMITTED** : 06/03/2020 12:40
DATE/TIME COLLECTION : 06/03/2020 11:54 **COLLECTED BY** : Edwin O. Aguilar / Elmer Palmares
NO. OF SAMPLES : 1 **TOTAL PARAMETERS TESTED** : 15
SAMPLE LOCATION : CLUBHOUSE, PRIMA CASA, BRGY. PLATERO, BIÑAN CITY, LAGUNA
SAMPLE CHARACTERISTICS : 2000 mL water sample in polyethylene bottle

PARAMETER(S)	UNIT	MDL	LOQ	RESULT(S)	METHOD(S)	ANALYSIS	
						DATE	BY
pH / Temperature	-/°C	NA	NA	7.94/30.2	4500-H ⁺ . Electrometric	06/03/2020	EOA
Residual Chlorine ^A	mg/L	0.063	0.20	<0.0630	4500-Cl-G.DPD Colorimetric	06/03/2020	EOA
Color	ACU	2	NA	<2	2120B. Visual Comparison (Pt-Co)	06/03/2020	KAP
Taste ^A	-	NA	NA	UO	2160. Sensory	06/03/2020	KAP
Odor ^A	-	NA	NA	UO	2150. Sensory	06/03/2020	KAP
Turbidity ^A	NTU	0.115	0.365	0.150	2130. Nephelometric	06/03/2020	KAP
Total Hardness as CaCO ₃ ^A	mg/L	0.469	1.49	168	2340C. EDTA Titrimetric	06/05/2020	KAP
Total Dissolved Solids	mg/L	4.77	12.5	293	2540C. Gravimetric, dried @ 180°C	06/08/2020	KAP
Nitrate (NO ₃) ^A	mg/L	0.0574	0.183	<0.0574	4110B. Ion Chromatography with Chemical Suppression of Eluent Conductivity	06/04/2020	KAP
Chloride (Cl) ^A	mg/L	0.0372	0.119	9.36		06/04/2020	KAP
Fluoride (F) ^A	mg/L	0.0524	0.167	0.293		06/04/2020	KAP
Sulfate (SO ₄ ²⁻) ^A	mg/L	0.0567	0.181	9.85		06/04/2020	KAP
Iron (Fe) ^A	mg/L	NA	0.005	0.010	3500-Fe B. Colorimetric	06/03/2020	KYA
Manganese (Mn) ^A	mg/L	NA	0.01	<0.010		06/03/2020	KYA

REMARKS: Sample collection was performed by the LWC Field analyst/technician and were analyzed as submitted.

DEVIATIONS: No deviations noted on sample collection and submission.

NOTE: ^A Method is not part of DENR-ELR Recognized Parameters


LEGEND: **ACU:** Apparent Color Unit; **NTU:** Nephelometric Turbidity Unit; **UO:** Objectionable; **NA:** Not Applicable; **MDL:** Method Detection Limit; **LOQ:** Limit of Quantification

METHOD REFERENCE: Standard Methods for the Examination of Water and Wastewater, 23rd Edition


NOT VALID WITHOUT QR STAMP



CERTIFIED CORRECT BY:


KRISTEEN Y. ALDAY, RCh
Analytical Services Unit Manager
PRC License No. 0013295

AUTHORIZED BY:


ANNA KARLA S. GUTIERREZ, RMT
Laboratory Services Manager
License No. PRC 0060968

This report may not be reproduced in part or in full and may not be used for advertisement or litigation purposes without permission from Laguna AAWater Corporation. This report is certified to have passed the Laguna AAWater Corporation Quality Control procedures for reporting results of analysis

ADDRESS: 8 North Science Avenue, Laguna Technopark Inc., Brgy. Biñan (Poblacion), Biñan City, Laguna

CONTACT NO.: (049) 543-1916

WEBSITE: www.lagunawater.com.ph

CUSTOMER NAME : Laguna AAWater Corporation

ADDRESS : G/F One Evotech Bldg., Nuvali, Santa Rosa City, Laguna, Philippines

ATTENTION : N/A

SUMMARY OF LABORATORY ANALYSIS

SAMPLE CODE : S20-3519 **DATE/TIME SUBMITTED** : 06/03/2020 12:40
DATE/TIME COLLECTION : 06/03/2020 10:19 **COLLECTED BY** : Edwin O. Aguilar / Elmer Palmares
NO. OF SAMPLES : 1 **TOTAL PARAMETERS TESTED** : 15
SAMPLE LOCATION : WATER PUMP, SPRING TIME, BRGY. PLATERO, BIÑAN CITY, LAGUNA
SAMPLE CHARACTERISTICS : 2000 mL water sample in polyethylene bottle

PARAMETER(S)	UNIT	MDL	LOQ	RESULT(S)	METHOD(S)	ANALYSIS	
						DATE	BY
pH / Temperature	-/°C	NA	NA	7.06/27.9	4500-H ⁺ . Electrometric	06/03/2020	EOA
Residual Chlorine ^A	mg/L	0.063	0.20	0.140	4500-Cl-G.DPD Colorimetric	06/03/2020	EOA
Color	ACU	2	NA	<2	2120B. Visual Comparison (Pt-Co)	06/03/2020	KAP
Taste ^A	-	NA	NA	UO	2160. Sensory	06/03/2020	KAP
Odor ^A	-	NA	NA	UO	2150. Sensory	06/03/2020	KAP
Turbidity ^A	NTU	0.115	0.365	0.300	2130. Nephelometric	06/03/2020	KAP
Total Hardness as CaCO ₃ ^A	mg/L	0.469	1.49	179	2340C. EDTA Titrimetric	06/05/2020	KAP
Total Dissolved Solids	mg/L	4.77	12.5	240	2540C. Gravimetric, dried @ 180°C	06/08/2020	KAP
Nitrate (NO ₃ ⁻) ^A	mg/L	0.0574	0.183	<0.0574	4110B. Ion Chromatography with Chemical Suppression of Eluent Conductivity	06/04/2020	KAP
Chloride (Cl ⁻) ^A	mg/L	0.0372	0.119	3.83		06/04/2020	KAP
Fluoride (F ⁻) ^A	mg/L	0.0524	0.167	0.340		06/04/2020	KAP
Sulfate (SO ₄ ²⁻) ^A	mg/L	0.0567	0.181	4.46		06/04/2020	KAP
Iron (Fe) ^A	mg/L	NA	0.005	0.17	3500-Fe B. Colorimetric	06/03/2020	KYA
Manganese (Mn) ^A	mg/L	NA	0.01	<0.010		06/03/2020	KYA

REMARKS: Sample collection was performed by the LWC Field analyst/technician and were analyzed as submitted.

DEVIATIONS: No deviations noted on sample collection and submission.

NOTE: ^A Method is not part of DENR-ELR Recognized Parameters

LEGEND: ^{ACU}: Apparent Color Unit; ^{NTU}: Nephelometric Turbidity Unit; ^{UO}: Unobjectionable; ^{NA}: Not Applicable; ^{MDL}: Method Detection Limit;


^{LOQ}: Limit of Quantification

METHOD REFERENCE: Standard Methods for the Examination of Water and Wastewater, 23rd Edition


NOT VALID WITHOUT QR STAMP



CERTIFIED CORRECT BY:


KRISTEEN Y. ALDAY, RCh
Analytical Services Unit Manager
PRC License No. 0013295

AUTHORIZED BY:


ANNA KARLA S. GUTIERREZ, RMT
Laboratory Services Manager
License No. PRC 0060968

This report may not be reproduced in part or in full and may not be used for advertisement or litigation purposes without permission from Laguna AAWater Corporation. This report is certified to have passed the Laguna AAWater Corporation Quality Control procedures for reporting results of analysis

ADDRESS: 8 North Science Avenue, Laguna Technopark Inc., Brgy. Biñan (Poblacion), Biñan City, Laguna

CONTACT NO.: (049) 543-1916

WEBSITE: www.lagunawater.com.ph

CUSTOMER NAME : Laguna AAWater Corporation

ADDRESS : G/F One Evotech Bldg., Nuvali, Santa Rosa City, Laguna, Philippines

ATTENTION : N/A

SUMMARY OF LABORATORY ANALYSIS

SAMPLE CODE : S20-3520 DATE/TIME SUBMITTED : 06/03/2020 12:40
DATE/TIME COLLECTION : 06/03/2020 10:25 COLLECTED BY : Edwin O. Aguilar / Elmer Palmares
NO. OF SAMPLES : 1 TOTAL PARAMETERS TESTED : 15
SAMPLE LOCATION : BLOCK 1 LOT 17, SPRING TIME, BRGY. PLATERO, BIÑAN CITY, LAGUNA
SAMPLE CHARACTERISTICS : 2000 mL water sample in polyethylene bottle

PARAMETER(S)	UNIT	MDL	LOQ	RESULT(S)	METHOD(S)	ANALYSIS	
						DATE	BY
pH / Temperature	-/°C	NA	NA	7.28/28.7	4500-H ⁺ . Electrometric	06/03/2020	EOA
Residual Chlorine ^A	mg/L	0.063	0.20	0.180	4500-Cl-G.DPD Colorimetric	06/03/2020	EOA
Color	ACU	2	NA	<2	2120B. Visual Comparison (Pt-Co)	06/03/2020	KAP
Taste ^A	-	NA	NA	UO	2160. Sensory	06/03/2020	KAP
Odor ^A	-	NA	NA	UO	2150. Sensory	06/03/2020	KAP
Turbidity ^A	NTU	0.115	0.365	0.300	2130. Nephelometric	06/03/2020	KAP
Total Hardness as CaCO ₃ ^A	mg/L	0.469	1.49	182	2340C. EDTA Titrimetric	06/05/2020	KAP
Total Dissolved Solids	mg/L	4.77	12.5	260	2540C. Gravimetric, dried @ 180°C	06/08/2020	KAP
Nitrate (NO ₃) ^A	mg/L	0.0574	0.183	<0.0574	4110B. Ion Chromatography with Chemical Suppression of Eluent Conductivity	06/04/2020	KAP
Chloride (Cl) ^A	mg/L	0.0372	0.119	3.82		06/04/2020	KAP
Fluoride (F) ^A	mg/L	0.0524	0.167	0.338		06/04/2020	KAP
Sulfate (SO ₄ ²⁻) ^A	mg/L	0.0567	0.181	4.45		06/04/2020	KAP
Iron (Fe) ^A	mg/L	NA	0.005	0.17	3500-Fe B. Colorimetric	06/03/2020	KYA
Manganese (Mn) ^A	mg/L	NA	0.01	<0.01		06/03/2020	KYA

REMARKS: Sample collection was performed by the LWC Field analyst/technician and were analyzed as submitted.

DEVIATIONS: No deviations noted on sample collection and submission.

NOTE: A Method is not part of DENR-ELR Recognized Parameters

LEGEND: ACU: Apparent Color Unit; NTU: Nephelometric Turbidity Unit; UO: Unobjectionable; NA: Not Applicable; MDL: Method Detection Limit;


LOQ: Limit of Quantification

METHOD REFERENCE: Standard Methods for the Examination of Water and Wastewater, 23rd Edition


NOT VALID WITHOUT QR STAMP



CERTIFIED CORRECT BY:


KRISTEEN Y. ALDAY, RCh
Analytical Services Unit Manager
PRC License No. 0013295

AUTHORIZED BY:


ANNA KARLA S. GUTIERREZ, RMT
Laboratory Services Manager
License No. PRC 0060968

This report may not be reproduced in part or in full and may not be used for advertisement or litigation purposes without permission from Laguna AAWater Corporation. This report is certified to have passed the Laguna AAWater Corporation Quality Control procedures for reporting results of analysis

ADDRESS: 8 North Science Avenue, Laguna Technopark Inc., Brgy. Biñan (Poblacion), Biñan City, Laguna

CONTACT NO.: (049) 543-1916

WEBSITE: www.lagunawater.com.ph

CUSTOMER NAME : Laguna AAWater Corporation

ADDRESS : G/F One Evotech Bldg., Nuvali, Santa Rosa City, Laguna, Philippines

ATTENTION : N/A

SUMMARY OF LABORATORY ANALYSIS

SAMPLE CODE : **S20-3613** DATE/TIME SUBMITTED : 06/08/2020 15:10
DATE/TIME COLLECTION : 06/08/2020 11:16 COLLECTED BY : Edwin O. Aguilar
NO. OF SAMPLES : 1 TOTAL PARAMETERS TESTED : 15
SAMPLE LOCATION : WATER PUMP, SOUTH PLAINS II SUBDIVISION, BRGY. SANTO TOMAS, BIÑAN CITY, LAGUNA
SAMPLE CHARACTERISTICS : 2000 mL water sample in polyethylene bottle

PARAMETER(S)	UNIT	MDL	LOQ	RESULT(S)	METHOD(S)	ANALYSIS	
						DATE	BY
pH / Temperature	-/°C	NA	NA	7.10/29.7	4500-H ⁺ . Electrometric	06/08/2020	EOA
Residual Chlorine ^A	mg/L	0.063	0.20	0.180	4500-Cl-G.DPD Colorimetric	06/08/2020	EOA
Color	ACU	2	NA	<2	2120B. Visual Comparison (Pt-Co)	06/08/2020	KAP
Taste ^A	-	NA	NA	UO	2160. Sensory	06/08/2020	KAP
Odor ^A	-	NA	NA	UO	2150. Sensory	06/08/2020	KAP
Turbidity ^A	NTU	0.115	0.365	<0.115	2130. Nephelometric	06/09/2020	KAP
Total Hardness as CaCO ₃ ^A	mg/L	0.469	1.49	170	2340C. EDTA Titrimetric	06/11/2020	KAP
Total Dissolved Solids	mg/L	4.77	12.5	293	2540C. Gravimetric, dried @ 180°C	06/11/2020	KAP
Nitrate (NO ₃) ^A	mg/L	0.0574	0.183	1.13	4110B. Ion Chromatography with Chemical Suppression of Eluent Conductivity	06/09/2020	KAP
Chloride (Cl) ^A	mg/L	0.0372	0.119	4.17		06/09/2020	KAP
Fluoride (F) ^A	mg/L	0.0524	0.167	0.333		06/09/2020	KAP
Sulfate (SO ₄ ²⁻) ^A	mg/L	0.0567	0.181	5.33		06/09/2020	KAP
Iron (Fe) ^A	mg/L	NA	0.005	0.090		3500-Fe B. Colorimetric	06/11/2020
Manganese (Mn) ^A	mg/L	NA	0.01	<0.010	06/11/2020		KYA

REMARKS: Sample collection was performed by the LWC Field analyst/technician and were analyzed as submitted.

DEVIATIONS: No deviations noted on sample collection and submission.

NOTE: ^A Method is not part of DENR-ELR Recognized Parameters

LEGEND: **ACU:** Apparent Color Unit; **NTU:** Nephelometric Turbidity Unit; **UO:** Unobjectionable; **NA:** Not Applicable; **MDL:** Method Detection Limit;


LOQ: Limit of Quantification

METHOD REFERENCE: Standard Methods for the Examination of Water and Wastewater, 23rd Edition


NOT VALID WITHOUT QR STAMP



CERTIFIED CORRECT BY:


KRISTEEN Y. ALDAY, RCh
Analytical Services Unit Manager
PRC License No. 0013295

AUTHORIZED BY:


ANNA KARLA S. GUTIERREZ, RMT
Laboratory Services Manager
License No. PRC 0060968

This report may not be reproduced in part or in full and may not be used for advertisement or litigation purposes without permission from Laguna AAWater Corporation. This report is certified to have passed the Laguna AAWater Corporation Quality Control procedures for reporting results of analysis

ADDRESS: 8 North Science Avenue, Laguna Technopark Inc., Brgy. Biñan (Poblacion), Biñan City, Laguna

CONTACT NO.: (049) 543-1916

WEBSITE: www.lagunawater.com.ph

CUSTOMER NAME : Laguna AAWater Corporation

ADDRESS : G/F One Evotech Bldg., Nuvali, Santa Rosa City, Laguna, Philippines

ATTENTION : N/A

SUMMARY OF LABORATORY ANALYSIS

SAMPLE CODE : S20-3614 **DATE/TIME SUBMITTED** : 06/08/2020 15:10
DATE/TIME COLLECTION : 06/08/2020 11:34 **COLLECTED BY** : Edwin O. Aguilar
NO. OF SAMPLES : 1 **TOTAL PARAMETERS TESTED** : 15
SAMPLE LOCATION : BLOCK 11 LOT 2, SOUTH PLAINS II SUBDIVISION, BRGY. SANTO TOMAS, BIÑAN CITY, LAGUNA
SAMPLE CHARACTERISTICS : 2000 mL water sample in polyethylene bottle

PARAMETER(S)	UNIT	MDL	LOQ	RESULT(S)	METHOD(S)	ANALYSIS	
						DATE	BY
pH / Temperature	-/°C	NA	NA	7.14/30.1	4500-H ⁺ . Electrometric	06/08/2020	EOA
Residual Chlorine ^A	mg/L	0.063	0.20	0.140	4500-Cl-G.DPD Colorimetric	06/08/2020	EOA
Color	ACU	2	NA	<2	2120B. Visual Comparison (Pt-Co)	06/08/2020	KAP
Taste ^A	-	NA	NA	UO	2160. Sensory	06/08/2020	KAP
Odor ^A	-	NA	NA	UO	2150. Sensory	06/08/2020	KAP
Turbidity ^A	NTU	0.115	0.365	0.150	2130. Nephelometric	06/09/2020	KAP
Total Hardness as CaCO ₃ ^A	mg/L	0.469	1.49	184	2340C. EDTA Titrimetric	06/11/2020	KAP
Total Dissolved Solids	mg/L	4.77	12.5	300	2540C. Gravimetric, dried @ 180°C	06/11/2020	KAP
Nitrate (NO ₃) ^A	mg/L	0.0574	0.183	1.15	4110B. Ion Chromatography with Chemical Suppression of Eluent Conductivity	06/09/2020	KAP
Chloride (Cl) ^A	mg/L	0.0372	0.119	4.17		06/09/2020	KAP
Fluoride (F) ^A	mg/L	0.0524	0.167	0.335		06/09/2020	KAP
Sulfate (SO ₄ ²⁻) ^A	mg/L	0.0567	0.181	5.42		06/09/2020	KAP
Iron (Fe) ^A	mg/L	NA	0.005	0.030		3500-Fe B. Colorimetric	06/11/2020
Manganese (Mn) ^A	mg/L	NA	0.01	<0.010	06/11/2020		KYA

REMARKS: Sample collection was performed by the LWC Field analyst/technician and were analyzed as submitted.

DEVIATIONS: No deviations noted on sample collection and submission.

NOTE: ^A Method is not part of DENR-ELR Recognized Parameters

LEGEND: **ACU:** Apparent Color Unit; **NTU:** Nephelometric Turbidity Unit; **UO:** Unobjectionable; **NA:** Not Applicable; **MDL:** Method Detection Limit;


LOQ: Limit of Quantification

METHOD REFERENCE: Standard Methods for the Examination of Water and Wastewater, 23rd Edition


NOT VALID WITHOUT QR STAMP



CERTIFIED CORRECT BY:


KRISTEEN Y. ALDAY, RCh
Analytical Services Unit Manager
PRC License No. 0013295

AUTHORIZED BY:


ANNA KARLA S. GUTIERREZ, RMT
Laboratory Services Manager
License No. PRC 0060968

This report may not be reproduced in part or in full and may not be used for advertisement or litigation purposes without permission from Laguna AAWater Corporation. This report is certified to have passed the Laguna AAWater Corporation Quality Control procedures for reporting results of analysis

ADDRESS: 8 North Science Avenue, Laguna Technopark Inc., Brgy. Biñan (Poblacion), Biñan City, Laguna

CONTACT NO.: (049) 543-1916

WEBSITE: www.lagunawater.com.ph

CUSTOMER NAME : Laguna AAWater Corporation

ADDRESS : G/F One Evotech Bldg., Nuvali, Santa Rosa City, Laguna, Philippines

ATTENTION : N/A

SUMMARY OF LABORATORY ANALYSIS

SAMPLE CODE : S20-3615 **DATE/TIME SUBMITTED** : 06/08/2020 15:10
DATE/TIME COLLECTION : 06/08/2020 11:57 **COLLECTED BY** : Edwin O. Aguilar
NO. OF SAMPLES : 1 **TOTAL PARAMETERS TESTED** : 15
SAMPLE LOCATION : TAWI TAWI ST., SOUTH CITY HOMES SUBDIVISION, BRGY. SANTO TOMAS. BINAN CITY
SAMPLE CHARACTERISTICS : 2000 mL water sample in polyethylene bottle

PARAMETER(S)	UNIT	MDL	LOQ	RESULT(S)	METHOD(S)	ANALYSIS	
						DATE	BY
pH / Temperature	-/°C	NA	NA	7.18/29.7	4500-H ⁺ . Electrometric	06/08/2020	EOA
Residual Chlorine ^A	mg/L	0.063	0.20	0.220	4500-Cl-G.DPD Colorimetric	06/08/2020	EOA
Color	ACU	2	NA	<2	2120B. Visual Comparison (Pt-Co)	06/08/2020	KAP
Taste ^A	-	NA	NA	UO	2160. Sensory	06/08/2020	KAP
Odor ^A	-	NA	NA	UO	2150. Sensory	06/08/2020	KAP
Turbidity ^A	NTU	0.115	0.365	<0.115	2130. Nephelometric	06/09/2020	KAP
Total Hardness as CaCO ₃ ^A	mg/L	0.469	1.49	164	2340C. EDTA Titrimetric	06/11/2020	KAP
Total Dissolved Solids	mg/L	4.77	12.5	310	2540C. Gravimetric, dried @ 180°C	06/11/2020	KAP
Nitrate (NO ₃) ^A	mg/L	0.0574	0.183	1.14	4110B. Ion Chromatography with Chemical Suppression of Eluent Conductivity	06/09/2020	KAP
Chloride (Cl) ^A	mg/L	0.0372	0.119	4.15		06/09/2020	KAP
Fluoride (F) ^A	mg/L	0.0524	0.167	0.334		06/09/2020	KAP
Sulfate (SO ₄ ²⁻) ^A	mg/L	0.0567	0.181	5.42		06/09/2020	KAP
Iron (Fe) ^A	mg/L	NA	0.005	0.070		3500-Fe B. Colorimetric	06/11/2020
Manganese (Mn) ^A	mg/L	NA	0.01	<0.010	06/11/2020		KYA

REMARKS: Sample collection was performed by the LWC Field analyst/technician and were analyzed as submitted.

DEVIATIONS: No deviations noted on sample collection and submission.

NOTE: ^A Method is not part of DENR-ELR Recognized Parameters

LEGEND: ^{ACU}: Apparent Color Unit; ^{NTU}: Nephelometric Turbidity Unit; ^{UO}: Unobjectionable; ^{NA}: Not Applicable; ^{MDL}: Method Detection Limit;


^{LOQ}: Limit of Quantification

METHOD REFERENCE: Standard Methods for the Examination of Water and Wastewater, 23rd Edition


NOT VALID WITHOUT QR STAMP



CERTIFIED CORRECT BY:


KRISTEEN Y. ALDAY, RCh
Analytical Services Unit Manager
PRC License No. 0013295

AUTHORIZED BY:


ANNA KARLA S. GUTIERREZ, RMT
Laboratory Services Manager
License No. PRC 0060968

This report may not be reproduced in part or in full and may not be used for advertisement or litigation purposes without permission from Laguna AAWater Corporation. This report is certified to have passed the Laguna AAWater Corporation Quality Control procedures for reporting results of analysis

ADDRESS: 8 North Science Avenue, Laguna Technopark Inc., Brgy. Biñan (Poblacion), Biñan City, Laguna

CONTACT NO.: (049) 543-1916

WEBSITE: www.lagunawater.com.ph

CUSTOMER NAME : Laguna AAWater Corporation

ADDRESS : G/F One Evotech Bldg., Nuvali, Santa Rosa City, Laguna, Philippines

ATTENTION : N/A

SUMMARY OF LABORATORY ANALYSIS

SAMPLE CODE : S20-3616 DATE/TIME SUBMITTED : 06/08/2020 15:10
DATE/TIME COLLECTION : 06/08/2020 12:42 COLLECTED BY : Edwin O. Aguilar
NO. OF SAMPLES : 1 TOTAL PARAMETERS TESTED : 15
SAMPLE LOCATION : #60 FLORINDA COMPOUND, MANILA S ROAD, BRGY. TUBIGAN, BIÑAN CITY, LAGUNA
SAMPLE CHARACTERISTICS : 2000 mL water sample in polyethylene bottle

PARAMETER(S)	UNIT	MDL	LOQ	RESULT(S)	METHOD(S)	ANALYSIS	
						DATE	BY
pH / Temperature	-/°C	NA	NA	7.14/30.1	4500-H ⁺ . Electrometric	06/08/2020	EOA
Residual Chlorine ^A	mg/L	0.063	0.20	0.270	4500-Cl-G.DPD Colorimetric	06/08/2020	EOA
Color	ACU	2	NA	<2	2120B. Visual Comparison (Pt-Co)	06/08/2020	KAP
Taste ^A	-	NA	NA	UO	2160. Sensory	06/08/2020	KAP
Odor ^A	-	NA	NA	UO	2150. Sensory	06/08/2020	KAP
Turbidity ^A	NTU	0.115	0.365	0.300	2130. Nephelometric	06/09/2020	KAP
Total Hardness as CaCO ₃ ^A	mg/L	0.469	1.49	183	2340C. EDTA Titrimetric	06/11/2020	KAP
Total Dissolved Solids	mg/L	4.77	12.5	300	2540C. Gravimetric, dried @ 180°C	06/11/2020	KAP
Nitrate (NO ₃) ^A	mg/L	0.0574	0.183	3.88	4110B. Ion Chromatography with Chemical Suppression of Eluent Conductivity	06/09/2020	KAP
Chloride (Cl) ^A	mg/L	0.0372	0.119	4.23		06/09/2020	KAP
Fluoride (F) ^A	mg/L	0.0524	0.167	0.296		06/09/2020	KAP
Sulfate (SO ₄ ²⁻) ^A	mg/L	0.0567	0.181	6.49		06/09/2020	KAP
Iron (Fe) ^A	mg/L	NA	0.005	0.090	3500-Fe B. Colorimetric	06/11/2020	KYA
Manganese (Mn) ^A	mg/L	NA	0.01	<0.010		06/11/2020	KYA

REMARKS: Sample collection was performed by the LWC Field analyst/technician and were analyzed as submitted.

DEVIATIONS: No deviations noted on sample collection and submission.

NOTE: ^A Method is not part of DENR-ELR Recognized Parameters


LEGEND: **ACU:** Apparent Color Unit; **NTU:** Nephelometric Turbidity Unit; **UO:** Unobjectionable; **NA:** Not Applicable; **MDL:** Method Detection Limit; **LOQ:** Limit of Quantification

METHOD REFERENCE: Standard Methods for the Examination of Water and Wastewater, 23rd Edition

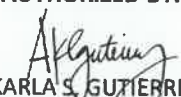
NOT VALID WITHOUT QR STAMP



CERTIFIED CORRECT BY:


KRISTEEN Y. ALDAY, RCh
Analytical Services Unit Manager
PRC License No. 0013295

AUTHORIZED BY:


ANNA KARLA S. GUTIERREZ, RMT
Laboratory Services Manager
License No. PRC 0060968

This report may not be reproduced in part or in full and may not be used for advertisement or litigation purposes without permission from Laguna AAWater Corporation. This report is certified to have passed the Laguna AAWater Corporation Quality Control procedures for reporting results of analysis

ADDRESS: 8 North Science Avenue, Laguna Technopark Inc., Brgy. Biñan (Poblacion), Biñan City, Laguna

CONTACT NO.: (049) 543-1916

WEBSITE: www.lagunawater.com.ph

CUSTOMER NAME : Laguna AAWater Corporation

ADDRESS : G/F One Evotech Bldg., Nuvali, Santa Rosa City, Laguna, Philippines

ATTENTION : N/A

SUMMARY OF LABORATORY ANALYSIS

SAMPLE CODE : S20-3617 **DATE/TIME SUBMITTED** : 06/08/2020 15:10
DATE/TIME COLLECTION : 06/08/2020 10:20 **COLLECTED BY** : Edwin O. Aguilar
NO. OF SAMPLES : 1 **TOTAL PARAMETERS TESTED** : 15
SAMPLE LOCATION : BLOCK 3 LOT 9, PHASE II, SOUTHVILLE, BRGY.LANGKIWA, BIÑAN CITY, LAGUNA
SAMPLE CHARACTERISTICS : 2000 mL water sample in polyethylene bottle

PARAMETER(S)	UNIT	MDL	LOQ	RESULT(S)	METHOD(S)	ANALYSIS	
						DATE	BY
pH / Temperature	-/°C	NA	NA	7.16/29.7	4500-H ⁺ . Electrometric	06/08/2020	EOA
Residual Chlorine ^A	mg/L	0.063	0.20	0.300	4500-Cl-G.DPD Colorimetric	06/08/2020	EOA
Color	ACU	2	NA	<2	2120B. Visual Comparison (Pt-Co)	06/08/2020	KAP
Taste ^A	-	NA	NA	UO	2160. Sensory	06/08/2020	KAP
Odor ^A	-	NA	NA	UO	2150. Sensory	06/08/2020	KAP
Turbidity ^A	NTU	0.115	0.365	0.250	2130. Nephelometric	06/09/2020	KAP
Total Hardness as CaCO ₃ ^A	mg/L	0.469	1.49	184	2340C. EDTA Titrimetric	06/11/2020	KAP
Total Dissolved Solids	mg/L	4.77	12.5	277	2540C. Gravimetric, dried @ 180°C	06/11/2020	KAP
Nitrate (NO ₃) ^A	mg/L	0.0574	0.183	3.87	4110B. Ion Chromatography with Chemical Suppression of Eluent Conductivity	06/09/2020	KAP
Chloride (Cl) ^A	mg/L	0.0372	0.119	4.19		06/09/2020	KAP
Fluoride (F) ^A	mg/L	0.0524	0.167	0.298		06/09/2020	KAP
Sulfate (SO ₄ ²⁻) ^A	mg/L	0.0567	0.181	6.50		06/09/2020	KAP
Iron (Fe) ^A	mg/L	NA	0.005	0.090	3500-Fe B. Colorimetric	06/11/2020	KYA
Manganese (Mn) ^A	mg/L	NA	0.01	<0.010		06/11/2020	KYA

REMARKS: Sample collection was performed by the LWC Field analyst/technician and were analyzed as submitted.

DEVIATIONS: No deviations noted on sample collection and submission.

NOTE: ^A Method is not part of DENR-ELR Recognized Parameters


LEGEND: **ACU:** Apparent Color Unit; **NTU:** Nephelometric Turbidity Unit; **UO:** Unobjectionable; **NA:** Not Applicable; **MDL:** Method Detection Limit; **LOQ:** Limit of Quantification

METHOD REFERENCE: Standard Methods for the Examination of Water and Wastewater, 23rd Edition


NOT VALID WITHOUT QR STAMP



CERTIFIED CORRECT BY:


KRISTEEN Y. ALDAY, RCh
Analytical Services Unit Manager
PRC License No. 0013295

AUTHORIZED BY:


ANNA KARLA S. GUTIERREZ, RMT
Laboratory Services Manager
License No. PRC 0060968

This report may not be reproduced in part or in full and may not be used for advertisement or litigation purposes without permission from Laguna AAWater Corporation. This report is certified to have passed the Laguna AAWater Corporation Quality Control procedures for reporting results of analysis

ADDRESS: 8 North Science Avenue, Laguna Technopark Inc., Brgy. Biñan (Poblacion), Biñan City, Laguna

CONTACT NO.: (049) 543-1916

WEBSITE: www.lagunawater.com.ph

CUSTOMER NAME : Laguna AAWater Corporation

ADDRESS : G/F One Evotech Bldg., Nuvali, Santa Rosa City, Laguna, Philippines

ATTENTION : N/A

SUMMARY OF LABORATORY ANALYSIS

SAMPLE CODE : S20-3618 **DATE/TIME SUBMITTED** : 06/08/2020 15:10
DATE/TIME COLLECTION : 06/08/2020 12:18 **COLLECTED BY** : Edwin O. Aguilar
NO. OF SAMPLES : 1 **TOTAL PARAMETERS TESTED** : 15
SAMPLE LOCATION : DRINKING FOUNTAIN, SAN VICENTE ELEMENTARY SCHOOL, BRGY. SAN VICENTE, BIÑAN CITY, LAGUNA
SAMPLE CHARACTERISTICS : 2000 mL water sample in polyethylene bottle

PARAMETER(S)	UNIT	MDL	LOQ	RESULT(S)	METHOD(S)	ANALYSIS	
						DATE	BY
pH / Temperature	-/°C	NA	NA	7.21/30.6	4500-H ⁺ . Electrometric	06/08/2020	EOA
Residual Chlorine ^A	mg/L	0.063	0.20	0.250	4500-Cl-G.DPD Colorimetric	06/08/2020	EOA
Color	ACU	2	NA	<2	2120B. Visual Comparison (Pt-Co)	06/08/2020	KAP
Taste ^A	-	NA	NA	UO	2160. Sensory	06/08/2020	KAP
Odor ^A	-	NA	NA	UO	2150. Sensory	06/08/2020	KAP
Turbidity ^A	NTU	0.115	0.365	<0.115	2130. Nephelometric	06/09/2020	KAP
Total Hardness as CaCO ₃ ^A	mg/L	0.469	1.49	177	2340C. EDTA Titrimetric	06/11/2020	KAP
Total Dissolved Solids	mg/L	4.77	12.5	317	2540C. Gravimetric, dried @ 180°C	06/11/2020	KAP
Nitrate (NO ₃) ^A	mg/L	0.0574	0.183	0.580	4110B. Ion Chromatography with Chemical Suppression of Eluent Conductivity	06/09/2020	KAP
Chloride (Cl ⁻) ^A	mg/L	0.0372	0.119	4.50		06/09/2020	KAP
Fluoride (F ⁻) ^A	mg/L	0.0524	0.167	0.326		06/09/2020	KAP
Sulfate (SO ₄ ²⁻) ^A	mg/L	0.0567	0.181	4.64		06/09/2020	KAP
Iron (Fe) ^A	mg/L	NA	0.005	0.030	3500-Fe B. Colorimetric	06/11/2020	KYA
Manganese (Mn) ^A	mg/L	NA	0.01	0.010		06/11/2020	KYA

REMARKS: Sample collection was performed by the LWC Field analyst/technician and were analyzed as submitted.

DEVIATIONS: No deviations noted on sample collection and submission.

NOTE: ^A Method is not part of DENR-ELR Recognized Parameters


LEGEND: **ACU:** Apparent Color Unit; **NTU:** Nephelometric Turbidity Unit; **UO:** Unobjectionable; **NA:** Not Applicable; **MDL:** Method Detection Limit; **LOQ:** Limit of Quantification

METHOD REFERENCE: Standard Methods for the Examination of Water and Wastewater, 23rd Edition

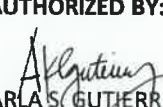
NOT VALID WITHOUT QR STAMP



CERTIFIED CORRECT BY:


KRISTEEN Y. ALDAY, RCH
Analytical Services Unit Manager
PRC License No. 0013295

AUTHORIZED BY:


ANNA KARLA S. GUTIERREZ, RMT
Laboratory Services Manager
License No. PRC 0060968

This report may not be reproduced in part or in full and may not be used for advertisement or litigation purposes without permission from Laguna AAWater Corporation. This report is certified to have passed the Laguna AAWater Corporation Quality Control procedures for reporting results of analysis

ADDRESS: 8 North Science Avenue, Laguna Technopark Inc., Brgy. Biñan (Poblacion), Biñan City, Laguna

CONTACT NO.: (049) 543-1916

WEBSITE: www.lagunawater.com.ph

CUSTOMER NAME : Laguna AAWater Corporation

ADDRESS : G/F One Evotech Bldg., Nuvali, Santa Rosa City, Laguna, Philippines

ATTENTION : N/A

SUMMARY OF LABORATORY ANALYSIS

SAMPLE CODE : S20-3619 **DATE/TIME SUBMITTED** : 06/08/2020 15:10
DATE/TIME COLLECTION : 06/08/2020 13:20 **COLLECTED BY** : Edwin O. Aguilar
NO. OF SAMPLES : 1 **TOTAL PARAMETERS TESTED** : 15
SAMPLE LOCATION : BLOCK 12 LOT 5, PAPAYA ST., PHASE VII, OLIVAREZ HOMES SUBDIVISION, BRGY. SNA VICENTE, BIÑAN CITY, LAGUNA
SAMPLE CHARACTERISTICS : 2000 mL water sample in polyethylene bottle

PARAMETER(S)	UNIT	MDL	LOQ	RESULT(S)	METHOD(S)	ANALYSIS	
						DATE	BY
pH / Temperature	-/°C	NA	NA	7.13/28.1	4500-H ⁺ . Electrometric	06/08/2020	EOA
Residual Chlorine ^A	mg/L	0.063	0.20	0.320	4500-Cl-G.DPD Colorimetric	06/08/2020	EOA
Color	ACU	2	NA	<2	2120B. Visual Comparison (Pt-Co)	06/08/2020	KAP
Taste ^A	-	NA	NA	UO	2160. Sensory	06/08/2020	KAP
Odor ^A	-	NA	NA	UO	2150. Sensory	06/08/2020	KAP
Turbidity ^A	NTU	0.115	0.365	0.150	2130. Nephelometric	06/09/2020	KAP
Total Hardness as CaCO ₃ ^A	mg/L	0.469	1.49	184	2340C. EDTA Titrimetric	06/11/2020	KAP
Total Dissolved Solids	mg/L	4.77	12.5	267	2540C. Gravimetric, dried @ 180°C	06/11/2020	KAP
Nitrate (NO ₃) ^A	mg/L	0.0574	0.183	0.595	4110B. Ion Chromatography with Chemical Suppression of Eluent Conductivity	06/09/2020	KAP
Chloride (Cl ⁻) ^A	mg/L	0.0372	0.119	4.48		06/09/2020	KAP
Fluoride (F ⁻) ^A	mg/L	0.0524	0.167	0.325		06/09/2020	KAP
Sulfate (SO ₄ ²⁻) ^A	mg/L	0.0567	0.181	4.59		06/09/2020	KAP
Iron (Fe) ^A	mg/L	NA	0.005	0.080	3500-Fe B. Colorimetric	06/11/2020	KYA
Manganese (Mn) ^A	mg/L	NA	0.01	0.030		06/11/2020	KYA

REMARKS: Sample collection was performed by the LWC Field analyst/technician and were analyzed as submitted.

DEVIATIONS: No deviations noted on sample collection and submission.

NOTE: ^A Method is not part of DENR-ELR Recognized Parameters


LEGEND: **ACU:** Apparent Color Unit; **NTU:** Nephelometric Turbidity Unit; **UO:** Unobjectionable; **NA:** Not Applicable; **MDL:** Method Detection Limit; **LOQ:** Limit of Quantification

METHOD REFERENCE: Standard Methods for the Examination of Water and Wastewater, 23rd Edition


NOT VALID WITHOUT QR STAMP



CERTIFIED CORRECT BY:


KRISTEEN Y. ALDAY, RCh
Analytical Services Unit Manager
PRC License No. 0013295

AUTHORIZED BY:


ANNA KARLA S. GUTIERREZ, RMT
Laboratory Services Manager
License No. PRC 0060968

This report may not be reproduced in part or in full and may not be used for advertisement or litigation purposes without permission from Laguna AAWater Corporation. This report is certified to have passed the Laguna AAWater Corporation Quality Control procedures for reporting results of analysis

ADDRESS: 8 North Science Avenue, Laguna Technopark Inc., Brgy. Biñan (Poblacion), Biñan City, Laguna

CONTACT NO.: (049) 543-1916

WEBSITE: www.lagunawater.com.ph

CUSTOMER NAME : Laguna AAWater Corporation

ADDRESS : G/F One Evotech Bldg., Nuvali, Santa Rosa City, Laguna, Philippines

ATTENTION : N/A

SUMMARY OF LABORATORY ANALYSIS

SAMPLE CODE : S20-3620 DATE/TIME SUBMITTED : 06/08/2020 15:10
 DATE/TIME COLLECTION : 06/08/2020 13:10 COLLECTED BY : Edwin O. Aguilar
 NO. OF SAMPLES : 1 TOTAL PARAMETERS TESTED : 15
 SAMPLE LOCATION : CISTERN, CENTRAL MALL BINAN, GEN. MALVAR ST. CORNER MANILA S. ROAD, BRGY. SAN VICENTE, BIÑAN CITY, LAGUNA
 SAMPLE CHARACTERISTICS : 2000 mL water sample in polyethylene bottle

PARAMETER(S)	UNIT	MDL	LOQ	RESULT(S)	METHOD(S)	ANALYSIS	
						DATE	BY
pH / Temperature	-/°C	NA	NA	7.14/29.7	4500-H ⁺ . Electrometric	06/08/2020	EOA
Residual Chlorine ^A	mg/L	0.063	0.20	0.180	4500-Cl-G.DPD Colorimetric	06/08/2020	EOA
Color	ACU	2	NA	<2	2120B. Visual Comparison (Pt-Co)	06/08/2020	KAP
Taste ^A	-	NA	NA	UO	2160. Sensory	06/08/2020	KAP
Odor ^A	-	NA	NA	UO	2150. Sensory	06/08/2020	KAP
Turbidity ^A	NTU	0.115	0.365	<0.115	2130. Nephelometric	06/09/2020	KAP
Total Hardness as CaCO ₃ ^A	mg/L	0.469	1.49	166	2340C. EDTA Titrimetric	06/11/2020	KAP
Total Dissolved Solids	mg/L	4.77	12.5	290	2540C. Gravimetric, dried @ 180°C	06/11/2020	KAP
Nitrate (NO ₃) ^A	mg/L	0.0574	0.183	1.17	4110B. Ion Chromatography with Chemical Suppression of Eluent Conductivity	06/09/2020	KAP
Chloride (Cl) ^A	mg/L	0.0372	0.119	4.21		06/09/2020	KAP
Fluoride (F) ^A	mg/L	0.0524	0.167	0.334		06/09/2020	KAP
Sulfate (SO ₄ ²⁻) ^A	mg/L	0.0567	0.181	5.43		06/09/2020	KAP
Iron (Fe) ^A	mg/L	NA	0.005	0.030	3500-Fe B. Colorimetric	06/11/2020	KYA
Manganese (Mn) ^A	mg/L	NA	0.01	0.010		06/11/2020	KYA

REMARKS: Sample collection was performed by the LWC Field analyst/technician and were analyzed as submitted.

DEVIATIONS: No deviations noted on sample collection and submission.

NOTE: ^A Method is not part of DENR-ELR Recognized Parameters

LEGEND: **ACU**: Apparent Color Unit; **NTU**: Nephelometric Turbidity Unit; **UO**: Unobjectionable; **NA**: Not Applicable; **MDL**: Method Detection Limit;

LOQ: Limit of Quantification

METHOD REFERENCE: Standard Methods for the Examination of Water and Wastewater, 23rd Edition

NOT VALID WITHOUT QR STAMP



CERTIFIED CORRECT BY:

Kristeen Y. Alday
KRISTEEN Y. ALDAY, RCh
Analytical Services Unit Manager
PRC License No. 0013295

AUTHORIZED BY:

Anna Karla S. Gutierrez
ANNA KARLA S. GUTIERREZ, RMT
Laboratory Services Manager
License No. PRC 0060968

This report may not be reproduced in part or in full and may not be used for advertisement or litigation purposes without permission from Laguna AAWater Corporation. This report is certified to have passed the Laguna AAWater Corporation Quality Control procedures for reporting results of analysis

ADDRESS: 8 North Science Avenue, Laguna Technopark Inc., Brgy. Biñan (Poblacion), Biñan City, Laguna

CONTACT NO.: (049) 543-1916

WEBSITE: www.lagunawater.com.ph

CUSTOMER NAME : Laguna AAWater Corporation

ADDRESS : G/F One Evotech Bldg., Nuvali, Santa Rosa City, Laguna, Philippines

ATTENTION : N/A

SUMMARY OF LABORATORY ANALYSIS

SAMPLE CODE : S20-3621 DATE/TIME SUBMITTED : 06/08/2020 15:10
DATE/TIME COLLECTION : 06/08/2020 11:00 COLLECTED BY : Edwin O. Aguilar
NO. OF SAMPLES : 1 TOTAL PARAMETERS TESTED : 15
SAMPLE LOCATION : WATER PUMP, AMSTERDAM ST., SOUTHVILLE TOWN AND COUNTRY, BRGY. SANTO TOMAS, BIÑAN CITY, LAGUNA
SAMPLE CHARACTERISTICS : 2000 mL water sample in polyethylene bottle

PARAMETER(S)	UNIT	MDL	LOQ	RESULT(S)	METHOD(S)	ANALYSIS	
						DATE	BY
pH / Temperature	-/°C	NA	NA	7.10/27.6	4500-H ⁺ . Electrometric	06/08/2020	EOA
Residual Chlorine ^A	mg/L	0.063	0.20	0.370	4500-Cl-G.DPD Colorimetric	06/08/2020	EOA
Color	ACU	2	NA	<2	2120B. Visual Comparison (Pt-Co)	06/08/2020	KAP
Taste ^A	-	NA	NA	UO	2160. Sensory	06/08/2020	KAP
Odor ^A	-	NA	NA	UO	2150. Sensory	06/08/2020	KAP
Turbidity ^A	NTU	0.115	0.365	<0.115	2130. Nephelometric	06/09/2020	KAP
Total Hardness as CaCO ₃ ^A	mg/L	0.469	1.49	164	2340C. EDTA Titrimetric	06/11/2020	KAP
Total Dissolved Solids	mg/L	4.77	12.5	293	2540C. Gravimetric, dried @ 180°C	06/11/2020	KAP
Nitrate (NO ₃) ^A	mg/L	0.0574	0.183	1.16	4110B. Ion Chromatography with Chemical Suppression of Eluent Conductivity	06/09/2020	KAP
Chloride (Cl ⁻) ^A	mg/L	0.0372	0.119	4.29		06/09/2020	KAP
Fluoride (F ⁻) ^A	mg/L	0.0524	0.167	0.333		06/09/2020	KAP
Sulfate (SO ₄ ²⁻) ^A	mg/L	0.0567	0.181	5.43		06/09/2020	KAP
Iron (Fe) ^A	mg/L	NA	0.005	0.010	3500-Fe B. Colorimetric	06/11/2020	KYA
Manganese (Mn) ^A	mg/L	NA	0.01	0.010		06/11/2020	KYA

REMARKS: Sample collection was performed by the LWC Field analyst/technician and were analyzed as submitted.

DEVIATIONS: No deviations noted on sample collection and submission.

NOTE: ^A Method is not part of DENR-ELR Recognized Parameters

LEGEND: **ACU:** Apparent Color Unit; **NTU:** Nephelometric Turbidity Unit; **UO:** Unobjectionable; **NA:** Not Applicable; **MDL:** Method Detection Limit; **LOQ:** Limit of Quantification

METHOD REFERENCE: Standard Methods for the Examination of Water and Wastewater, 23rd Edition

NOT VALID WITHOUT QR STAMP



CERTIFIED CORRECT BY:

[Signature]
KRISTEEN Y. ALDAY, RCh
Analytical Services Unit Manager
PRC License No. 0013295

AUTHORIZED BY:

[Signature]
ANNA KARLA S. GUTIERREZ, RMT
Laboratory Services Manager
License No. PRC 0060968

This report may not be reproduced in part or in full and may not be used for advertisement or litigation purposes without permission from Laguna AAWater Corporation. This report is certified to have passed the Laguna AAWater Corporation Quality Control procedures for reporting results of analysis

ADDRESS: 8 North Science Avenue, Laguna Technopark Inc., Brgy. Biñan (Poblacion), Biñan City, Laguna

CONTACT NO.: (049) 543-1916

WEBSITE: www.lagunawater.com.ph

CUSTOMER NAME : Laguna AAWater Corporation

ADDRESS : G/F One Evotech Bldg., Nuvali, Santa Rosa City, Laguna, Philippines

ATTENTION : N/A

SUMMARY OF LABORATORY ANALYSIS

SAMPLE CODE : S20-3622 **DATE/TIME SUBMITTED** : 06/08/2020 15:10
DATE/TIME COLLECTION : 06/08/2020 10:47 **COLLECTED BY** : Edwin O. Aguilar
NO. OF SAMPLES : 1 **TOTAL PARAMETERS TESTED** : 15
SAMPLE LOCATION : BLOCK 35 LOT 21, SOUTHVILLE TOWN AND COUNTRY, BRGY. SANTO TOMAS, BIÑAN CITY, LAGUNA
SAMPLE CHARACTERISTICS : 2000 mL water sample in polyethylene bottle

PARAMETER(S)	UNIT	MDL	LOQ	RESULT(S)	METHOD(S)	ANALYSIS	
						DATE	BY
pH / Temperature	-/°C	NA	NA	7.20/30.6	4500-H ⁺ . Electrometric	06/08/2020	EOA
Residual Chlorine ^A	mg/L	0.063	0.20	0.270	4500-Cl-G.DPD Colorimetric	06/08/2020	EOA
Color	ACU	2	NA	<2	2120B. Visual Comparison (Pt-Co)	06/08/2020	KAP
Taste ^A	-	NA	NA	UO	2160. Sensory	06/08/2020	KAP
Odor ^A	-	NA	NA	UO	2150. Sensory	06/08/2020	KAP
Turbidity ^A	NTU	0.115	0.365	0.150	2130. Nephelometric	06/09/2020	KAP
Total Hardness as CaCO ₃ ^A	mg/L	0.469	1.49	164	2340C. EDTA Titrimetric	06/11/2020	KAP
Total Dissolved Solids	mg/L	4.77	12.5	317	2540C. Gravimetric, dried @ 180°C	06/11/2020	KAP
Nitrate (NO ₃) ^A	mg/L	0.0574	0.183	0.583	4110B. Ion Chromatography with Chemical Suppression of Eluent Conductivity	06/09/2020	KAP
Chloride (Cl) ^A	mg/L	0.0372	0.119	4.57		06/09/2020	KAP
Fluoride (F) ^A	mg/L	0.0524	0.167	0.328		06/09/2020	KAP
Sulfate (SO ₄ ²⁻) ^A	mg/L	0.0567	0.181	4.58		06/09/2020	KAP
Iron (Fe) ^A	mg/L	NA	0.005	<0.005	3500-Fe B. Colorimetric	06/11/2020	KYA
Manganese (Mn) ^A	mg/L	NA	0.01	<0.010		06/11/2020	KYA

REMARKS: Sample collection was performed by the LWC Field analyst/technician and were analyzed as submitted.

DEVIATIONS: No deviations noted on sample collection and submission.

NOTE: A Method is not part of DENR-ELR Recognized Parameters


LEGEND: ACU: Apparent Color Unit; NTU: Nephelometric Turbidity Unit; UO: Unobjectionable; NA: Not Applicable; MDL: Method Detection Limit; LOQ: Limit of Quantification

METHOD REFERENCE: Standard Methods for the Examination of Water and Wastewater, 23rd Edition


NOT VALID WITHOUT QR STAMP



CERTIFIED CORRECT BY:


KRISTEEN Y. ALDAY, RCh
Analytical Services Unit Manager
PRC License No. 0013295

AUTHORIZED BY:


ANNA KARLA S. GUTIERREZ, RMT
Laboratory Services Manager
License No. PRC 0060968

This report may not be reproduced in part or in full and may not be used for advertisement or litigation purposes without permission from Laguna AAWater Corporation. This report is certified to have passed the Laguna AAWater Corporation Quality Control procedures for reporting results of analysis

ADDRESS: 8 North Science Avenue, Laguna Technopark Inc., Brgy. Biñan (Poblacion), Biñan City, Laguna

CONTACT NO.: (049) 543-1916

WEBSITE: www.lagunawater.com.ph

CUSTOMER NAME : Laguna AAWater Corporation

ADDRESS : G/F One Evotech Bldg., Nuvali, Santa Rosa City, Laguna, Philippines

ATTENTION : N/A

SUMMARY OF LABORATORY ANALYSIS

SAMPLE CODE : S20-3713 **DATE/TIME SUBMITTED** : 06/10/2020 15:40
DATE/TIME COLLECTION : 06/10/2020 12:52 **COLLECTED BY** : Elmer Palmares, Jr.
NO. OF SAMPLES : 1 **TOTAL PARAMETERS TESTED** : 15
SAMPLE LOCATION : BRENNA MODEL HOUSE, BLOCK 90 LOT 5, LAGUNA BEL-AIR III, BRGY. LOMA, BIÑAN CITY, LAGUNA
SAMPLE CHARACTERISTICS : 2000 mL water sample in polyethylene bottle

PARAMETER(S)	UNIT	MDL	LOQ	RESULT(S)	METHOD(S)	ANALYSIS	
						DATE	BY
pH / Temperature	-/°C	NA	NA	7.65/27.1	4500-H ⁺ . Electrometric	06/10/2020	EPP
Residual Chlorine ^A	mg/L	0.063	0.20	0.970	4500-Cl-G.DPD Colorimetric	06/10/2020	EPP
Color	ACU	2	NA	5	2120B. Visual Comparison (Pt-Co)	06/11/2020	KAP
Taste ^A	-	NA	NA	UO	2160. Sensory	06/10/2020	KAP
Odor ^A	-	NA	NA	UO	2150. Sensory	06/10/2020	KAP
Turbidity ^A	NTU	0.115	0.365	0.550	2130. Nephelometric	06/11/2020	KAP
Total Hardness as CaCO ₃ ^A	mg/L	0.469	1.49	150	2340C. EDTA Titrimetric	06/11/2020	KAP
Total Dissolved Solids	mg/L	4.77	12.5	277	2540C. Gravimetric, dried @ 180°C	06/11/2020	KAP
Nitrate (NO ₃) ^A	mg/L	0.0574	0.183	4.63	4110B. Ion Chromatography with Chemical Suppression of Eluent Conductivity	06/10/2020	KAP
Chloride (Cl ⁻) ^A	mg/L	0.0372	0.119	5.62		06/10/2020	KAP
Fluoride (F ⁻) ^A	mg/L	0.0524	0.167	0.299		06/10/2020	KAP
Sulfate (SO ₄ ²⁻) ^A	mg/L	0.0567	0.181	6.95		06/10/2020	KAP
Iron (Fe) ^A	mg/L	NA	0.005	0.010	3500-Fe B. Colorimetric	06/11/2020	KYA
Manganese (Mn) ^A	mg/L	NA	0.01	0.010		06/11/2020	KYA

REMARKS: Sample collection was performed by the LWC Field analyst/technician and were analyzed as submitted.

DEVIATIONS: No deviations noted on sample collection and submission.

NOTE: ^A Method is not part of DENR-ELR Recognized Parameters

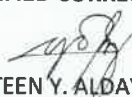
LEGEND: **ACU:** Apparent Color Unit; **NTU:** Nephelometric Turbidity Unit; **UO:** Unobjectionable; **NA:** Not Applicable; **MDL:** Method Detection Limit; **LOQ:** Limit of Quantification

METHOD REFERENCE: Standard Methods for the Examination of Water and Wastewater, 23rd Edition

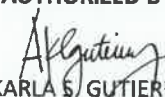
NOT VALID WITHOUT QR STAMP



CERTIFIED CORRECT BY:


KRISTEEN Y. ALDAY, RCh
Analytical Services Unit Manager
PRC License No. 0013295

AUTHORIZED BY:


ANNA KARLA S. GUTIERREZ, RMT
Laboratory Services Manager
License No. PRC 0060968

This report may not be reproduced in part or in full and may not be used for advertisement or litigation purposes without permission from Laguna AAWater Corporation. This report is certified to have passed the Laguna AAWater Corporation Quality Control procedures for reporting results of analysis

ADDRESS: 8 North Science Avenue, Laguna Technopark Inc., Brgy. Biñan (Poblacion), Biñan City, Laguna

CONTACT NO.: (049) 543-1916

WEBSITE: www.lagunawater.com.ph

CUSTOMER NAME : Laguna AAWater Corporation

ADDRESS : G/F One Evotech Bldg., Nuvali, Santa Rosa City, Laguna, Philippines

ATTENTION : N/A

SUMMARY OF LABORATORY ANALYSIS

SAMPLE CODE : S20-3714 DATE/TIME SUBMITTED : 06/10/2020 15:40
 DATE/TIME COLLECTION : 06/10/2020 13:17 COLLECTED BY : Elmer Palmares, Jr.
 NO. OF SAMPLES : 1 TOTAL PARAMETERS TESTED : 15
 SAMPLE LOCATION : BLOCK 10 LOT 24, HILCREST ROAD, LAGUNA BEL-AIR III, BRGY. LOMA, BIÑAN CITY, LAGUNA
 SAMPLE CHARACTERISTICS : 2000 mL water sample in polyethylene bottle

PARAMETER(S)	UNIT	MDL	LOQ	RESULT(S)	METHOD(S)	ANALYSIS	
						DATE	BY
pH / Temperature	-/°C	NA	NA	7.52/27.5	4500-H ⁺ . Electrometric	06/10/2020	EPP
Residual Chlorine ^A	mg/L	0.063	0.20	0.820	4500-Cl-G.DPD Colorimetric	06/10/2020	EPP
Color	ACU	2	NA	<2	2120B. Visual Comparison (Pt-Co)	06/11/2020	KAP
Taste ^A	-	NA	NA	UO	2160. Sensory	06/10/2020	KAP
Odor ^A	-	NA	NA	UO	2150. Sensory	06/10/2020	KAP
Turbidity ^A	NTU	0.115	0.365	0.450	2130. Nephelometric	06/11/2020	KAP
Total Hardness as CaCO ₃ ^A	mg/L	0.469	1.49	155	2340C. EDTA Titrimetric	06/11/2020	KAP
Total Dissolved Solids	mg/L	4.77	12.5	273	2540C. Gravimetric, dried @ 180°C	06/11/2020	KAP
Nitrate (NO ₃) ^A	mg/L	0.0574	0.183	4.65	4110B. Ion Chromatography with Chemical Suppression of Eluent Conductivity	06/10/2020	KAP
Chloride (Cl) ^A	mg/L	0.0372	0.119	5.61		06/10/2020	KAP
Fluoride (F) ^A	mg/L	0.0524	0.167	0.293		06/10/2020	KAP
Sulfate (SO ₄ ²⁻) ^A	mg/L	0.0567	0.181	7.04		06/10/2020	KAP
Iron (Fe) ^A	mg/L	NA	0.005	<0.005	3500-Fe B. Colorimetric	06/11/2020	KYA
Manganese (Mn) ^A	mg/L	NA	0.01	<0.010		06/11/2020	KYA

REMARKS: Sample collection was performed by the LWC Field analyst/technician and were analyzed as submitted.

DEVIATIONS: No deviations noted on sample collection and submission.

NOTE: ^A Method is not part of DENR-ELR Recognized Parameters

LEGEND: **ACU:** Apparent Color Unit; **NTU:** Nephelometric Turbidity Unit; **UO:** Unobjectionable; **NA:** Not Applicable; **MDL:** Method Detection Limit;


LOQ: Limit of Quantification

METHOD REFERENCE: Standard Methods for the Examination of Water and Wastewater, 23rd Edition

NOT VALID WITHOUT QR STAMP



CERTIFIED CORRECT BY:


KRISTEEN Y. ALDAY, RCh
Analytical Services Unit Manager
PRC License No. 0013295

AUTHORIZED BY:


ANNA KARLA S. GUTIERREZ, RMT
Laboratory Services Manager
License No. PRC 0060968

This report may not be reproduced in part or in full and may not be used for advertisement or litigation purposes without permission from Laguna AAWater Corporation. This report is certified to have passed the Laguna AAWater Corporation Quality Control procedures for reporting results of analysis

ADDRESS: 8 North Science Avenue, Laguna Technopark Inc., Brgy. Biñan (Poblacion), Biñan City, Laguna

CONTACT NO.: (049) 543-1916

WEBSITE: www.lagunawater.com.ph

CUSTOMER NAME : Laguna AAWater Corporation

ADDRESS : G/F One Evotech Bldg., Nuvali, Santa Rosa City, Laguna, Philippines

ATTENTION : N/A

SUMMARY OF LABORATORY ANALYSIS

SAMPLE CODE : S20-3715 **DATE/TIME SUBMITTED** : 06/10/2020 15:40
DATE/TIME COLLECTION : 06/10/2020 13:20 **COLLECTED BY** : Elmer Palmares, Jr.
NO. OF SAMPLES : 1 **TOTAL PARAMETERS TESTED** : 15
SAMPLE LOCATION : CLUBHOUSE, LAGUNA BEL-AIR III, BRGY. LOMA, BIÑAN CITY, LAGUNA
SAMPLE CHARACTERISTICS : 2000 mL water sample in polyethylene bottle

PARAMETER(S)	UNIT	MDL	LOQ	RESULT(S)	METHOD(S)	ANALYSIS	
						DATE	BY
pH / Temperature	-/°C	NA	NA	7.53/33.2	4500-H*. Electrometric	06/10/2020	EPP
Residual Chlorine ^A	mg/L	0.063	0.20	0.830	4500-Cl-G.DPD Colorimetric	06/10/2020	EPP
Color	ACU	2	NA	<2	2120B. Visual Comparison (Pt-Co)	06/11/2020	KAP
Taste ^A	-	NA	NA	UO	2160. Sensory	06/10/2020	KAP
Odor ^A	-	NA	NA	UO	2150. Sensory	06/10/2020	KAP
Turbidity ^A	NTU	0.115	0.365	0.700	2130. Nephelometric	06/11/2020	KAP
Total Hardness as CaCO ₃ ^A	mg/L	0.469	1.49	159	2340C. EDTA Titrimetric	06/11/2020	KAP
Total Dissolved Solids	mg/L	4.77	12.5	257	2540C. Gravimetric, dried @ 180°C	06/11/2020	KAP
Nitrate (NO ₃) ^A	mg/L	0.0574	0.183	4.72	4110B. Ion Chromatography with Chemical Suppression of Eluent Conductivity	06/10/2020	KAP
Chloride (Cl ⁻) ^A	mg/L	0.0372	0.119	5.58		06/10/2020	KAP
Fluoride (F ⁻) ^A	mg/L	0.0524	0.167	0.295		06/10/2020	KAP
Sulfate (SO ₄ ²⁻) ^A	mg/L	0.0567	0.181	7.01		06/10/2020	KAP
Iron (Fe) ^A	mg/L	NA	0.005	<0.005	3500-Fe B. Colorimetric	06/11/2020	KYA
Manganese (Mn) ^A	mg/L	NA	0.01	<0.010		06/11/2020	KYA

REMARKS: Sample collection was performed by the LWC Field analyst/technician and were analyzed as submitted.

DEVIATIONS: No deviations noted on sample collection and submission.

NOTE: A Method is not part of DENR-ELR Recognized Parameters

LEGEND: **ACU:** Apparent Color Unit; **NTU:** Nephelometric Turbidity Unit; **UO:** Unobjectionable; **NA:** Not Applicable; **MDL:** Method Detection Limit;


LOQ: Limit of Quantification

METHOD REFERENCE: Standard Methods for the Examination of Water and Wastewater, 23rd Edition


NOT VALID WITHOUT QR STAMP



CERTIFIED CORRECT BY:


KRISTEEN Y. ALDAY, RCh
Analytical Services Unit Manager
PRC License No. 0013295

AUTHORIZED BY:


ANNA KARLA S. GUTIERREZ, RMT
Laboratory Services Manager
License No. PRC 0060968

This report may not be reproduced in part or in full and may not be used for advertisement or litigation purposes without permission from Laguna AAWater Corporation. This report is certified to have passed the Laguna AAWater Corporation Quality Control procedures for reporting results of analysis

ADDRESS: 8 North Science Avenue, Laguna Technopark Inc., Brgy. Biñan (Poblacion), Biñan City, Laguna

CONTACT NO.: (049) 543-1916

WEBSITE: www.lagunawater.com.ph

CUSTOMER NAME : Laguna AAWater Corporation

ADDRESS : G/F One Evotech Bldg., Nuvali, Santa Rosa City, Laguna, Philippines

ATTENTION : N/A

SUMMARY OF LABORATORY ANALYSIS

SAMPLE CODE : S20-3716 **DATE/TIME SUBMITTED** : 06/10/2020 15:40
DATE/TIME COLLECTION : 06/10/2020 11:00 **COLLECTED BY** : Elmer Palmares, Jr.
NO. OF SAMPLES : 1 **TOTAL PARAMETERS TESTED** : 15
SAMPLE LOCATION : BLOCK 2 LOT 5, PENNSYLVANIA ST., SOUTHVILLE TOWN AND COUNTRY, BRGY. SANTO TOMAS, BIÑAN CITY, LAGUNA
SAMPLE CHARACTERISTICS : 2000 mL water sample in polyethylene bottle

PARAMETER(S)	UNIT	MDL	LOQ	RESULT(S)	METHOD(S)	ANALYSIS	
						DATE	BY
pH / Temperature	-/°C	NA	NA	7.76/27.7	4500-H ⁺ . Electrometric	06/10/2020	EPP
Residual Chlorine ^A	mg/L	0.063	0.20	0.860	4500-Cl-G.DPD Colorimetric	06/10/2020	EPP
Color	ACU	2	NA	5	2120B. Visual Comparison (Pt-Co)	06/11/2020	KAP
Taste ^A	-	NA	NA	UO	2160. Sensory	06/10/2020	KAP
Odor ^A	-	NA	NA	UO	2150. Sensory	06/10/2020	KAP
Turbidity ^A	NTU	0.115	0.365	0.700	2130. Nephelometric	06/11/2020	KAP
Total Hardness as CaCO ₃ ^A	mg/L	0.469	1.49	164	2340C. EDTA Titrimetric	06/11/2020	KAP
Total Dissolved Solids	mg/L	4.77	12.5	290	2540C. Gravimetric, dried @ 180°C	06/11/2020	KAP
Nitrate (NO ₃) ^A	mg/L	0.0574	0.183	4.44	4110B. Ion Chromatography with Chemical Suppression of Eluent Conductivity	06/10/2020	KAP
Chloride (Cl) ^A	mg/L	0.0372	0.119	5.52		06/10/2020	KAP
Fluoride (F) ^A	mg/L	0.0524	0.167	0.299		06/10/2020	KAP
Sulfate (SO ₄ ²⁻) ^A	mg/L	0.0567	0.181	6.91		06/10/2020	KAP
Iron (Fe) ^A	mg/L	NA	0.005	<0.005	3500-Fe B. Colorimetric	06/11/2020	KYA
Manganese (Mn) ^A	mg/L	NA	0.01	<0.010		06/11/2020	KYA

REMARKS: Sample collection was performed by the LWC Field analyst/technician and were analyzed as submitted.

DEVIATIONS: No deviations noted on sample collection and submission.

NOTE: ^A Method is not part of DENR-ELR Recognized Parameters


LEGEND: **ACU:** Apparent Color Unit; **NTU:** Nephelometric Turbidity Unit; **UO:** Unobjectionable; **NA:** Not Applicable; **MDL:** Method Detection Limit; **LOQ:** Limit of Quantification

METHOD REFERENCE: Standard Methods for the Examination of Water and Wastewater, 23rd Edition


NOT VALID WITHOUT QR STAMP



CERTIFIED CORRECT BY:


KRISTEEN Y. ALDAY, RCh
Analytical Services Unit Manager
PRC License No. 0013295

AUTHORIZED BY:


ANNA KARLA S. GUTIERREZ, RMT
Laboratory Services Manager
License No. PRC 0060968

This report may not be reproduced in part or in full and may not be used for advertisement or litigation purposes without permission from Laguna AAWater Corporation. This report is certified to have passed the Laguna AAWater Corporation Quality Control procedures for reporting results of analysis

ADDRESS: 8 North Science Avenue, Laguna Technopark Inc., Brgy. Biñan (Poblacion), Biñan City, Laguna

CONTACT NO.: (049) 543-1916

WEBSITE: www.lagunawater.com.ph

CUSTOMER NAME : Laguna AAWater Corporation

ADDRESS : G/F One Evotech Bldg., Nuvali, Santa Rosa City, Laguna, Philippines

ATTENTION : N/A

SUMMARY OF LABORATORY ANALYSIS

SAMPLE CODE : S20-3717 **DATE/TIME SUBMITTED** : 06/10/2020 15:40
DATE/TIME COLLECTION : 06/10/2020 11:09 **COLLECTED BY** : Elmer Palmares, Jr.
NO. OF SAMPLES : 1 **TOTAL PARAMETERS TESTED** : 15
SAMPLE LOCATION : BLOCK 1 LOT 16, PHASE 4, OLIVAREZ HOMES SOUTH, BRGY. SANTO TOMAS, BIÑAN CITY, LAGUNA
SAMPLE CHARACTERISTICS : 2000 mL water sample in polyethylene bottle

PARAMETER(S)	UNIT	MDL	LOQ	RESULT(S)	METHOD(S)	ANALYSIS	
						DATE	BY
pH / Temperature	-°C	NA	NA	7.80/27.9	4500-H ⁺ . Electrometric	06/10/2020	EPP
Residual Chlorine ^A	mg/L	0.063	0.20	1.03	4500-Cl-G.DPD Colorimetric	06/10/2020	EPP
Color	ACU	2	NA	<2	2120B. Visual Comparison (Pt-Co)	06/11/2020	KAP
Taste ^A	-	NA	NA	UO	2160. Sensory	06/10/2020	KAP
Odor ^A	-	NA	NA	UO	2150. Sensory	06/10/2020	KAP
Turbidity ^A	NTU	0.115	0.365	0.800	2130. Nephelometric	06/11/2020	KAP
Total Hardness as CaCO ₃ ^A	mg/L	0.469	1.49	160	2340C. EDTA Titrimetric	06/11/2020	KAP
Total Dissolved Solids	mg/L	4.77	12.5	277	2540C. Gravimetric, dried @ 180°C	06/11/2020	KAP
Nitrate (NO ₃) ^A	mg/L	0.0574	0.183	4.69	4110B. Ion Chromatography with Chemical Suppression of Eluent Conductivity	06/11/2020	KAP
Chloride (Cl) ^A	mg/L	0.0372	0.119	5.57		06/11/2020	KAP
Fluoride (F) ^A	mg/L	0.0524	0.167	0.295		06/11/2020	KAP
Sulfate (SO ₄ ²⁻) ^A	mg/L	0.0567	0.181	6.58		06/11/2020	KAP
Iron (Fe) ^A	mg/L	NA	0.005	<0.005	3500-Fe B. Colorimetric	06/11/2020	KYA
Manganese (Mn) ^A	mg/L	NA	0.01	<0.010		06/11/2020	KYA

REMARKS: Sample collection was performed by the LWC Field analyst/technician and were analyzed as submitted.

DEVIATIONS: No deviations noted on sample collection and submission.

NOTE: A Method is not part of DENR-ELR Recognized Parameters


LEGEND: ACU: Apparent Color Unit; NTU: Nephelometric Turbidity Unit; UO: Unobjectionable; NA: Not Applicable; MDL: Method Detection Limit; LOQ: Limit of Quantification

METHOD REFERENCE: Standard Methods for the Examination of Water and Wastewater, 23rd Edition


NOT VALID WITHOUT QR STAMP



CERTIFIED CORRECT BY:


KRISTEEN Y. ALDAY, RCh
Analytical Services Unit Manager
PRC License No. 0013295

AUTHORIZED BY:


ANNA KARLA S. GUTIERREZ, RMT
Laboratory Services Manager
License No. PRC 0060968

This report may not be reproduced in part or in full and may not be used for advertisement or litigation purposes without permission from Laguna AAWater Corporation. This report is certified to have passed the Laguna AAWater Corporation Quality Control procedures for reporting results of analysis

ADDRESS: 8 North Science Avenue, Laguna Technopark Inc., Brgy. Biñan (Poblacion), Biñan City, Laguna

CONTACT NO.: (049) 543-1916

WEBSITE: www.lagunawater.com.ph

CUSTOMER NAME : Laguna AAWater Corporation

ADDRESS : G/F One Evotech Bldg., Nuvali, Santa Rosa City, Laguna, Philippines

ATTENTION : N/A

SUMMARY OF LABORATORY ANALYSIS

SAMPLE CODE : S20-3718 DATE/TIME SUBMITTED : 06/10/2020 15:40
DATE/TIME COLLECTION : 06/10/2020 12:11 COLLECTED BY : Elmer Palmares, Jr.
NO. OF SAMPLES : 1 TOTAL PARAMETERS TESTED : 15
SAMPLE LOCATION : WATER PUMP, PRAGMATIC SUBDIVISION, BRGY. SANTO TOMAS, BIÑAN CITY, LAGUNA
SAMPLE CHARACTERISTICS : 2000 mL water sample in polyethylene bottle

PARAMETER(S)	UNIT	MDL	LOQ	RESULT(S)	METHOD(S)	ANALYSIS	
						DATE	BY
pH / Temperature	-/°C	NA	NA	7.86/28.5	4500-H ⁺ . Electrometric	06/10/2020	EPP
Residual Chlorine ^A	mg/L	0.063	0.20	<0.063	4500-Cl-G.DPD Colorimetric	06/10/2020	EPP
Color	ACU	2	NA	5	2120B. Visual Comparison (Pt-Co)	06/11/2020	KAP
Taste ^A	-	NA	NA	UO	2160. Sensory	06/10/2020	KAP
Odor ^A	-	NA	NA	UO	2150. Sensory	06/10/2020	KAP
Turbidity ^A	NTU	0.115	0.365	1.00	2130. Nephelometric	06/11/2020	KAP
Total Hardness as CaCO ₃ ^A	mg/L	0.469	1.49	204	2340C. EDTA Titrimetric	06/11/2020	KAP
Total Dissolved Solids	mg/L	4.77	12.5	347	2540C. Gravimetric, dried @ 180°C	06/11/2020	KAP
Nitrate (NO ₃) ^A	mg/L	0.0574	0.183	<0.0574	4110B. Ion Chromatography with Chemical Suppression of Eluent Conductivity	06/11/2020	KAP
Chloride (Cl) ^A	mg/L	0.0372	0.119	7.30		06/11/2020	KAP
Fluoride (F) ^A	mg/L	0.0524	0.167	0.326		06/11/2020	KAP
Sulfate (SO ₄ ²⁻) ^A	mg/L	0.0567	0.181	8.69		06/11/2020	KAP
Iron (Fe) ^A	mg/L	NA	0.005	<0.005	3500-Fe B. Colorimetric	06/11/2020	KYA
Manganese (Mn) ^A	mg/L	NA	0.01	<0.010		06/11/2020	KYA

REMARKS: Sample collection was performed by the LWC Field analyst/technician and were analyzed as submitted.

DEVIATIONS: No deviations noted on sample collection and submission.

NOTE: A Method is not part of DENR-ELR Recognized Parameters

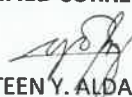
LEGEND: **ACU:** Apparent Color Unit; **NTU:** Nephelometric Turbidity Unit; **UO:** Unobjectionable; **NA:** Not Applicable; **MDL:** Method Detection Limit; **LOQ:** Limit of Quantification

METHOD REFERENCE: Standard Methods for the Examination of Water and Wastewater, 23rd Edition

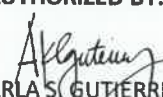
NOT VALID WITHOUT QR STAMP



CERTIFIED CORRECT BY:


KRISTEEN Y. ALDAY, RCh
Analytical Services Unit Manager
PRC License No. 0013295

AUTHORIZED BY:


ANNA KARLA S. GUTIERREZ, RMT
Laboratory Services Manager
License No. PRC 0060968

This report may not be reproduced in part or in full and may not be used for advertisement or litigation purposes without permission from Laguna AAWater Corporation. This report is certified to have passed the Laguna AAWater Corporation Quality Control procedures for reporting results of analysis

ADDRESS: 8 North Science Avenue, Laguna Technopark Inc., Brgy. Biñan (Poblacion), Biñan City, Laguna

CONTACT NO.: (049) 543-1916

WEBSITE: www.lagunawater.com.ph

CUSTOMER NAME : Laguna AAWater Corporation

ADDRESS : G/F One Evotech Bldg., Nuvali, Santa Rosa City, Laguna, Philippines

ATTENTION : N/A

SUMMARY OF LABORATORY ANALYSIS

SAMPLE CODE : S20-3719 **DATE/TIME SUBMITTED :** 06/10/2020 15:40
DATE/TIME COLLECTION : 06/10/2020 11:49 **COLLECTED BY :** Elmer Palmares, Jr.
NO. OF SAMPLES : 1 **TOTAL PARAMETERS TESTED :** 15
SAMPLE LOCATION : BLOCK 1 LOT 5, BAIS ST., PRAGMATIC SUBDIVISION, BRGY. SANTO TOMAS, BINAN CITY
SAMPLE CHARACTERISTICS : 2000 mL water sample in polyethylene bottle

PARAMETER(S)	UNIT	MDL	LOQ	RESULT(S)	METHOD(S)	ANALYSIS	
						DATE	BY
pH / Temperature	-/°C	NA	NA	7.98/29.4	4500-H ⁺ . Electrometric	06/10/2020	EPP
Residual Chlorine ^A	mg/L	0.063	0.20	0.100	4500-Cl-G.DPD Colorimetric	06/10/2020	EPP
Color	ACU	2	NA	<2	2120B. Visual Comparison (Pt-Co)	06/11/2020	KAP
Taste ^A	-	NA	NA	UO	2160. Sensory	06/10/2020	KAP
Odor ^A	-	NA	NA	UO	2150. Sensory	06/10/2020	KAP
Turbidity ^A	NTU	0.115	0.365	1.10	2130. Nephelometric	06/11/2020	KAP
Total Hardness as CaCO ₃ ^A	mg/L	0.469	1.49	213	2340C. EDTA Titrimetric	06/11/2020	KAP
Total Dissolved Solids	mg/L	4.77	12.5	350	2540C. Gravimetric, dried @ 180°C	06/11/2020	KAP
Nitrate (NO ₃) ^A	mg/L	0.0574	0.183	<0.0574	4110B. Ion Chromatography with Chemical Suppression of Eluent Conductivity	06/11/2020	KAP
Chloride (Cl) ^A	mg/L	0.0372	0.119	7.49		06/11/2020	KAP
Fluoride (F) ^A	mg/L	0.0524	0.167	0.328		06/11/2020	KAP
Sulfate (SO ₄ ²⁻) ^A	mg/L	0.0567	0.181	8.49		06/11/2020	KAP
Iron (Fe) ^A	mg/L	NA	0.005	<0.005		06/11/2020	KYA
Manganese (Mn) ^A	mg/L	NA	0.01	<0.010	3500-Fe B. Colorimetric	06/11/2020	KYA

REMARKS: Sample collection was performed by the LWC Field analyst/technician and were analyzed as submitted.

DEVIATIONS: No deviations noted on sample collection and submission.

NOTE: ^A Method is not part of DENR-ELR Recognized Parameters


LEGEND: ^{ACU}: Apparent Color Unit; ^{NTU}: Nephelometric Turbidity Unit; ^{UO}: Unobjectionable; ^{NA}: Not Applicable; ^{MDL}: Method Detection Limit; ^{LOQ}: Limit of Quantification

METHOD REFERENCE: Standard Methods for the Examination of Water and Wastewater, 23rd Edition


NOT VALID WITHOUT QR STAMP



CERTIFIED CORRECT BY:


KRISTEEN Y. ALDAY, RCh
Analytical Services Unit Manager
PRC License No. 0013295

AUTHORIZED BY:


ANNA KARLA S. GUTIERREZ, RMT
Laboratory Services Manager
License No. PRC 0060968

This report may not be reproduced in part or in full and may not be used for advertisement or litigation purposes without permission from Laguna AAWater Corporation. This report is certified to have passed the Laguna AAWater Corporation Quality Control procedures for reporting results of analysis

ADDRESS: 8 North Science Avenue, Laguna Technopark Inc., Brgy. Biñan (Poblacion), Biñan City, Laguna

CONTACT NO.: (049) 543-1916

WEBSITE: www.lagunawater.com.ph

CUSTOMER NAME : Laguna AAWater Corporation

ADDRESS : G/F One Evotech Bldg., Nuvali, Santa Rosa City, Laguna, Philippines

ATTENTION : N/A

SUMMARY OF LABORATORY ANALYSIS

SAMPLE CODE : S20-3720 DATE/TIME SUBMITTED : 06/10/2020 15:40
DATE/TIME COLLECTION : 06/10/2020 14:30 COLLECTED BY : Elmer Palmares, Jr.
NO. OF SAMPLES : 1 TOTAL PARAMETERS TESTED : 15
SAMPLE LOCATION : MESA LAND RESERVOIR, HACIENDA STA. ELENA, SANTA ROSA CITY, LAGUNA
SAMPLE CHARACTERISTICS : 2000 mL water sample in polyethylene bottle

PARAMETER(S)	UNIT	MDL	LOQ	RESULT(S)	METHOD(S)	ANALYSIS	
						DATE	BY
pH / Temperature	-/°C	NA	NA	8.68/23.4	4500-H ⁺ . Electrometric	06/10/2020	EPP
Residual Chlorine ^A	mg/L	0.063	0.20	0.02	4500-Cl-G.DPD Colorimetric	06/10/2020	EPP
Color	ACU	2	NA	10	2120B. Visual Comparison (Pt-Co)	06/11/2020	KAP
Taste ^A	-	NA	NA	0	2160. Sensory	06/10/2020	KAP
Odor ^A	-	NA	NA	0	2150. Sensory	06/10/2020	KAP
Turbidity ^A	NTU	0.115	0.365	0.900	2130. Nephelometric	06/11/2020	KAP
Total Hardness as CaCO ₃ ^A	mg/L	0.469	1.49	167	2340C. EDTA Titrimetric	06/11/2020	KAP
Total Dissolved Solids	mg/L	4.77	12.5	323	2540C. Gravimetric, dried @ 180°C	06/11/2020	KAP
Nitrate (NO ₃) ^A	mg/L	0.0574	0.183	6.35	4110B. Ion Chromatography with Chemical Suppression of Eluent Conductivity	06/11/2020	KAP
Chloride (Cl) ^A	mg/L	0.0372	0.119	76.9		06/11/2020	KAP
Fluoride (F) ^A	mg/L	0.0524	0.167	0.298		06/11/2020	KAP
Sulfate (SO ₄ ²⁻) ^A	mg/L	0.0567	0.181	11.7		06/11/2020	KAP
Iron (Fe) ^A	mg/L	NA	0.005	<0.005	3500-Fe B. Colorimetric	06/11/2020	KYA
Manganese (Mn) ^A	mg/L	NA	0.01	<0.010		06/11/2020	KYA

REMARKS: Sample collection was performed by the LWC Field analyst/technician and were analyzed as submitted.

DEVIATIONS: No deviations noted on sample collection and submission.

NOTE: ^A Method is not part of DENR-ELR Recognized Parameters

LEGEND: ^{ACU}: Apparent Color Unit; ^{NTU}: Nephelometric Turbidity Unit; ^{UO}: Unobjectionable; ^{NA}: Not Applicable; ^{MDL}: Method Detection Limit;

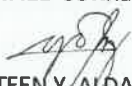
^{LOQ}: Limit of Quantification

METHOD REFERENCE: Standard Methods for the Examination of Water and Wastewater, 23rd Edition

NOT VALID WITHOUT QR STAMP



CERTIFIED CORRECT BY:


KRISTEEN Y. ALDAY, RCh
Analytical Services Unit Manager
PRC License No. 0013295

AUTHORIZED BY:


ANNA KARLA S. GUTIERREZ, RMT
Laboratory Services Manager
License No. PRC 0060968

This report may not be reproduced in part or in full and may not be used for advertisement or litigation purposes without permission from Laguna AAWater Corporation. This report is certified to have passed the Laguna AAWater Corporation Quality Control procedures for reporting results of analysis

ADDRESS: 8 North Science Avenue, Laguna Technopark Inc., Brgy. Biñan (Poblacion), Biñan City, Laguna

CONTACT NO.: (049) 543-1916

WEBSITE: www.lagunawater.com.ph

CUSTOMER NAME : Laguna AAWater Corporation

ADDRESS : G/F One Evotech Bldg., Nuvali, Santa Rosa City, Laguna, Philippines

ATTENTION : N/A

SUMMARY OF LABORATORY ANALYSIS

SAMPLE CODE : S20-3721 DATE/TIME SUBMITTED : 06/10/2020 15:40
DATE/TIME COLLECTION : 06/10/2020 13:15 COLLECTED BY : Elmer Palmares, Jr.
NO. OF SAMPLES : 1 TOTAL PARAMETERS TESTED : 15
SAMPLE LOCATION : MATANG TUBIG SPRING
SAMPLE CHARACTERISTICS : 2000 mL water sample in polyethylene bottle

PARAMETER(S)	UNIT	MDL	LOQ	RESULT(S)	METHOD(S)	ANALYSIS	
						DATE	BY
pH / Temperature	-°C	NA	NA	7.79/ 22.5	4500-H ⁺ . Electrometric	06/10/2020	EPP
Residual Chlorine ^A	mg/L	0.063	0.20	0.05	4500-Cl-G.DPD Colorimetric	06/10/2020	EPP
Color	ACU	2	NA	<2	2120B. Visual Comparison (Pt-Co)	06/11/2020	KAP
Taste ^A	-	NA	NA	UO	2160. Sensory	06/10/2020	KAP
Odor ^A	-	NA	NA	UO	2150. Sensory	06/10/2020	KAP
Turbidity ^A	NTU	0.115	0.365	0.150	2130. Nephelometric	06/11/2020	KAP
Total Hardness as CaCO ₃ ^A	mg/L	0.469	1.49	161	2340C. EDTA Titrimetric	06/11/2020	KAP
Total Dissolved Solids	mg/L	4.77	12.5	260	2540C. Gravimetric, dried @ 180°C	06/11/2020	KAP
Nitrate (NO ₃) ^A	mg/L	0.0574	0.183	6.46	4110B. Ion Chromatography with Chemical Suppression of Eluent Conductivity	06/11/2020	KAP
Chloride (Cl) ^A	mg/L	0.0372	0.119	3.56		06/11/2020	KAP
Fluoride (F) ^A	mg/L	0.0524	0.167	0.316		06/11/2020	KAP
Sulfate (SO ₄ ²⁻) ^A	mg/L	0.0567	0.181	9.38		06/11/2020	KAP
Iron (Fe) ^A	mg/L	NA	0.005	<0.005	3500-Fe B. Colorimetric	06/11/2020	KYA
Manganese (Mn) ^A	mg/L	NA	0.01	<0.010		06/11/2020	KYA

REMARKS: Sample collection was performed by the LWC Field analyst/technician and were analyzed as submitted.

DEVIATIONS: No deviations noted on sample collection and submission.

NOTE: ^A Method is not part of DENR-ELR Recognized Parameters

LEGEND: **ACU:** Apparent Color Unit; **NTU:** Nephelometric Turbidity Unit; **UO:** Unobjectionable; **NA:** Not Applicable; **MDL:** Method Detection Limit;

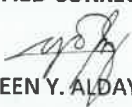
LOQ: Limit of Quantification

METHOD REFERENCE: Standard Methods for the Examination of Water and Wastewater, 23rd Edition


NOT VALID WITHOUT QR STAMP



CERTIFIED CORRECT BY:


KRISTEEN Y. ALDAY, RCh
Analytical Services Unit Manager
PRC License No. 0013295

AUTHORIZED BY:


ANNA KARLA S. GUTIERREZ, RMT
Laboratory Services Manager
License No. PRC 0060968

This report may not be reproduced in part or in full and may not be used for advertisement or litigation purposes without permission from Laguna AAWater Corporation. This report is certified to have passed the Laguna AAWater Corporation Quality Control procedures for reporting results of analysis

ADDRESS: 8 North Science Avenue, Laguna Technopark Inc., Brgy. Biñan (Poblacion), Biñan City, Laguna

CONTACT NO.: (049) 543-1916

WEBSITE: www.lagunawater.com.ph

CUSTOMER NAME : Laguna AAWater Corporation

ADDRESS : G/F One Evotech Bldg., Nuvali, Santa Rosa City, Laguna, Philippines

ATTENTION : N/A

SUMMARY OF LABORATORY ANALYSIS

SAMPLE CODE : S20-3969 DATE/TIME SUBMITTED : 06/22/2020 14:39
DATE/TIME COLLECTION : 06/22/2020 14:23 COLLECTED BY : Elmer Palmares, Jr.
NO. OF SAMPLES : 1 TOTAL PARAMETERS TESTED : 15
SAMPLE LOCATION : AMHERST LABORATORIES (UNILAB), BRGY. MAMPLASAN, BIÑAN CITY, LAGUNA
SAMPLE CHARACTERISTICS : 2000 mL water sample in polyethylene bottle

PARAMETER(S)	UNIT	MDL	LOQ	RESULT(S)	METHOD(S)	ANALYSIS	
						DATE	BY
pH / Temperature	-/°C	NA	NA	7.31/27.8	4500-H ⁺ . Electrometric	06/22/2020	EPP
Residual Chlorine ^A	mg/L	0.063	0.20	0.880	4500-Cl-G.DPD Colorimetric	06/22/2020	EPP
Color	ACU	2	NA	<2	2120B. Visual Comparison (Pt-Co)	06/23/2020	KAP
Taste ^A	-	NA	NA	UO	2160. Sensory	06/22/2020	KAP
Odor ^A	-	NA	NA	UO	2150. Sensory	06/22/2020	KAP
Turbidity ^A	NTU	0.115	0.365	2.10	2130. Nephelometric	06/23/2020	KAP
Total Hardness as CaCO ₃ ^A	mg/L	0.469	1.49	149	2340C. EDTA Titrimetric	06/26/2020	KAP
Total Dissolved Solids	mg/L	4.77	12.5	313	2540C. Gravimetric, dried @ 180°C	06/24/2020	KAP
Nitrate (NO ₃ ⁻) ^A	mg/L	0.0574	0.183	4.79	4110B. Ion Chromatography with Chemical Suppression of Eluent Conductivity	06/23/2020	KAP
Chloride (Cl ⁻) ^A	mg/L	0.0372	0.119	5.44		06/23/2020	KAP
Fluoride (F ⁻) ^A	mg/L	0.0524	0.167	0.292		06/23/2020	KAP
Sulfate (SO ₄ ²⁻) ^A	mg/L	0.0567	0.181	7.43		06/23/2020	KAP
Iron (Fe) ^A	mg/L	NA	0.005	0.020	3500-Fe B. Colorimetric	06/26/2020	KYA
Manganese (Mn) ^A	mg/L	NA	0.01	0.065		06/26/2020	KYA

REMARKS: Sample collection was performed by the LWC Field analyst/technician and were analyzed as submitted.

DEVIATIONS: No deviations noted on sample collection and submission.

NOTE: ^A Method is not part of DENR-ELR Recognized Parameters

LEGEND: ^{ACU}: Apparent Color Unit; ^{NTU}: Nephelometric Turbidity Unit; ^{UO}: Unobjectionable; ^{NA}: Not Applicable; ^{MDL}: Method Detection Limit;


^{LOQ}: Limit of Quantification

METHOD REFERENCE: Standard Methods for the Examination of Water and Wastewater, 23rd Edition


NOT VALID WITHOUT QR STAMP



CERTIFIED CORRECT BY:


KRISTEEN Y. ALDAY, RCH
Analytical Services Unit Manager
PRC License No. 0013295

AUTHORIZED BY:


ANNA KARLA S. GUTIERREZ, RMT
Laboratory Services Manager
License No. PRC 0060968

This report may not be reproduced in part or in full and may not be used for advertisement or litigation purposes without permission from Laguna AAWater Corporation. This report is certified to have passed the Laguna AAWater Corporation Quality Control procedures for reporting results of analysis

ADDRESS: 8 North Science Avenue, Laguna Technopark Inc., Brgy. Biñan (Poblacion), Biñan City, Laguna

CONTACT NO.: (049) 543-1916

WEBSITE: www.lagunawater.com.ph

CUSTOMER NAME : Laguna AAWater Corporation

ADDRESS : G/F One Evotech Bldg., Nuvali, Santa Rosa City, Laguna, Philippines

ATTENTION : N/A

SUMMARY OF LABORATORY ANALYSIS

SAMPLE CODE : S20-3970 DATE/TIME SUBMITTED : 06/22/2020 14:39
DATE/TIME COLLECTION : 06/22/2020 10:57 COLLECTED BY : Elmer Palmares, Jr.
NO. OF SAMPLES : 1 TOTAL PARAMETERS TESTED : 15
SAMPLE LOCATION : WATER PUMP, ADELINA COMPLEX 3, BRGY. SANTO TOMAS, BIÑAN CITY, LAGUNA
SAMPLE CHARACTERISTICS : 2000 mL water sample in polyethylene bottle

PARAMETER(S)	UNIT	MDL	LOQ	RESULT(S)	METHOD(S)	ANALYSIS	
						DATE	BY
pH / Temperature	-/°C	NA	NA	6.90/28.3	4500-H ⁺ . Electrometric	06/22/2020	EPP
Residual Chlorine ^A	mg/L	0.063	0.20	<0.0630	4500-Cl-G.DPD Colorimetric	06/22/2020	EPP
Color	ACU	2	NA	<2	2120B. Visual Comparison (Pt-Co)	06/23/2020	KAP
Taste ^A	-	NA	NA	UO	2160. Sensory	06/22/2020	KAP
Odor ^A	-	NA	NA	UO	2150. Sensory	06/22/2020	KAP
Turbidity ^A	NTU	0.115	0.365	0.300	2130. Nephelometric	06/23/2020	KAP
Total Hardness as CaCO ₃ ^A	mg/L	0.469	1.49	185	2340C. EDTA Titrimetric	06/26/2020	KAP
Total Dissolved Solids	mg/L	4.77	12.5	353	2540C. Gravimetric, dried @ 180°C	06/24/2020	KAP
Nitrate (NO ₃) ^A	mg/L	0.0574	0.183	0.491	4110B. Ion Chromatography with Chemical Suppression of Eluent Conductivity	06/23/2020	KAP
Chloride (Cl) ^A	mg/L	0.0372	0.119	7.82		06/23/2020	KAP
Fluoride (F) ^A	mg/L	0.0524	0.167	0.313		06/23/2020	KAP
Sulfate (SO ₄ ²⁻) ^A	mg/L	0.0567	0.181	8.74		06/23/2020	KAP
Iron (Fe) ^A	mg/L	NA	0.005	0.220	3500-Fe B. Colorimetric	06/26/2020	KYA
Manganese (Mn) ^A	mg/L	NA	0.01	0.010		06/26/2020	KYA

REMARKS: Sample collection was performed by the LWC Field analyst/technician and were analyzed as submitted.

DEVIATIONS: No deviations noted on sample collection and submission.

NOTE: ^A Method is not part of DENR-ELR Recognized Parameters

LEGEND: **ACU:** Apparent Color Unit; **NTU:** Nephelometric Turbidity Unit; **UO:** Unobjectionable; **NA:** Not Applicable; **MDL:** Method Detection Limit;


LOQ: Limit of Quantification

METHOD REFERENCE: Standard Methods for the Examination of Water and Wastewater, 23rd Edition


NOT VALID WITHOUT QR STAMP



CERTIFIED CORRECT BY:


KRISTEEN Y. ALDAY, RCh
Analytical Services Unit Manager
PRC License No. 0013295

AUTHORIZED BY:


ANNA KARLA S. GUTIERREZ, RMT
Laboratory Services Manager
License No. PRC 0060968

This report may not be reproduced in part or in full and may not be used for advertisement or litigation purposes without permission from Laguna AAWater Corporation. This report is certified to have passed the Laguna AAWater Corporation Quality Control procedures for reporting results of analysis

ADDRESS: 8 North Science Avenue, Laguna Technopark Inc., Brgy. Biñan (Poblacion), Biñan City, Laguna

CONTACT NO.: (049) 543-1916

WEBSITE: www.lagunawater.com.ph

CUSTOMER NAME : Laguna AAWater Corporation

ADDRESS : G/F One Evotech Bldg., Nuvali, Santa Rosa City, Laguna, Philippines

ATTENTION : N/A

SUMMARY OF LABORATORY ANALYSIS

SAMPLE CODE : S20-3971 DATE/TIME SUBMITTED : 06/22/2020 14:39
DATE/TIME COLLECTION : 06/22/2020 12:26 COLLECTED BY : Elmer Palmares, Jr.
NO. OF SAMPLES : 1 TOTAL PARAMETERS TESTED : 15
SAMPLE LOCATION : SEA-OIL, NATIONAL ROAD, BRGY. PLATERO, BIÑAN CITY, LAGUNA
SAMPLE CHARACTERISTICS : 2000 mL water sample in polyethylene bottle

PARAMETER(S)	UNIT	MDL	LOQ	RESULT(S)	METHOD(S)	ANALYSIS	
						DATE	BY
pH / Temperature	-/°C	NA	NA	7.16/31.7	4500-H ⁺ . Electrometric	06/22/2020	EPP
Residual Chlorine ^A	mg/L	0.063	0.20	0.820	4500-Cl-G.DPD Colorimetric	06/22/2020	EPP
Color	ACU	2	NA	<2	2120B. Visual Comparison (Pt-Co)	06/23/2020	KAP
Taste ^A	-	NA	NA	UO	2160. Sensory	06/22/2020	KAP
Odor ^A	-	NA	NA	UO	2150. Sensory	06/22/2020	KAP
Turbidity ^A	NTU	0.115	0.365	2.10	2130. Nephelometric	06/23/2020	KAP
Total Hardness as CaCO ₃ ^A	mg/L	0.469	1.49	148	2340C. EDTA Titrimetric	06/26/2020	KAP
Total Dissolved Solids	mg/L	4.77	12.5	347	2540C. Gravimetric, dried @ 180°C	06/24/2020	KAP
Nitrate (NO ₃) ^A	mg/L	0.0574	0.183	<0.0574	4110B. Ion Chromatography with Chemical Suppression of Eluent Conductivity	06/23/2020	KAP
Chloride (Cl) ^A	mg/L	0.0372	0.119	16.6		06/23/2020	KAP
Fluoride (F) ^A	mg/L	0.0524	0.167	0.313		06/23/2020	KAP
Sulfate (SO ₄ ²⁻) ^A	mg/L	0.0567	0.181	8.71		06/23/2020	KAP
Iron (Fe) ^A	mg/L	NA	0.005	0.030		3500-Fe B. Colorimetric	06/26/2020
Manganese (Mn) ^A	mg/L	NA	0.01	0.030	06/26/2020		KYA

REMARKS: Sample collection was performed by the LWC Field analyst/technician and were analyzed as submitted.

DEVIATIONS: No deviations noted on sample collection and submission.

NOTE: ^A Method is not part of DENR-ELR Recognized Parameters

LEGEND: **ACU:** Apparent Color Unit; **NTU:** Nephelometric Turbidity Unit; **UO:** Unobjectionable; **NA:** Not Applicable; **MDL:** Method Detection Limit;


LOQ: Limit of Quantification

METHOD REFERENCE: Standard Methods for the Examination of Water and Wastewater, 23rd Edition

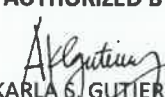
NOT VALID WITHOUT QR STAMP



CERTIFIED CORRECT BY:


KRISTEEN Y. ALDAY, RCh
Analytical Services Unit Manager
PRC License No. 0013295

AUTHORIZED BY:


ANNA KARLA S. GUTIERREZ, RMT
Laboratory Services Manager
License No. PRC 0060968

This report may not be reproduced in part or in full and may not be used for advertisement or litigation purposes without permission from Laguna AAWater Corporation. This report is certified to have passed the Laguna AAWater Corporation Quality Control procedures for reporting results of analysis

ADDRESS: 8 North Science Avenue, Laguna Technopark Inc., Brgy. Biñan (Poblacion), Biñan City, Laguna

CONTACT NO.: (049) 543-1916

 WEBSITE: www.lagunawater.com.ph

CUSTOMER NAME : Laguna AAWater Corporation

ADDRESS : G/F One Evotech Bldg., Nuvali, Santa Rosa City, Laguna, Philippines

ATTENTION : N/A

SUMMARY OF LABORATORY ANALYSIS

SAMPLE CODE : S20-3972 **DATE/TIME SUBMITTED** : 06/22/2020 14:39
DATE/TIME COLLECTION : 06/22/2020 12:53 **COLLECTED BY** : Elmer Palmares, Jr.
NO. OF SAMPLES : 1 **TOTAL PARAMETERS TESTED** : 15
SAMPLE LOCATION : WATER PUMP, MARGARITA HOMES SUBDIVISION, BRGY. SAN ANTONIO, BIÑAN CITY, LAGUNA
SAMPLE CHARACTERISTICS : 2000 mL water sample in polyethylene bottle

PARAMETER(S)	UNIT	MDL	LOQ	RESULT(S)	METHOD(S)	ANALYSIS	
						DATE	BY
pH / Temperature	-/°C	NA	NA	7.37/29.5	4500-H ⁺ . Electrometric	06/22/2020	EPP
Residual Chlorine ^A	mg/L	0.063	0.20	1.19	4500-Cl-G.DPD Colorimetric	06/22/2020	EPP
Color	ACU	2	NA	<2	2120B. Visual Comparison (Pt-Co)	06/23/2020	KAP
Taste ^A	-	NA	NA	UO	2160. Sensory	06/22/2020	KAP
Odor ^A	-	NA	NA	UO	2150. Sensory	06/22/2020	KAP
Turbidity ^A	NTU	0.115	0.365	<0.115	2130. Nephelometric	06/23/2020	KAP
Total Hardness as CaCO ₃ ^A	mg/L	0.469	1.49	204	2340C. EDTA Titrimetric	06/26/2020	KAP
Total Dissolved Solids	mg/L	4.77	12.5	467	2540C. Gravimetric, dried @ 180°C	06/24/2020	KAP
Nitrate (NO ₃) ^A	mg/L	0.0574	0.183	4.87	4110B. Ion Chromatography with Chemical Suppression of Eluent Conductivity	06/23/2020	KAP
Chloride (Cl) ^A	mg/L	0.0372	0.119	5.52		06/23/2020	KAP
Fluoride (F) ^A	mg/L	0.0524	0.167	0.295		06/23/2020	KAP
Sulfate (SO ₄ ²⁻) ^A	mg/L	0.0567	0.181	7.48		06/23/2020	KAP
Iron (Fe) ^A	mg/L	NA	0.005	<0.005	3500-Fe B. Colorimetric	06/26/2020	KYA
Manganese (Mn) ^A	mg/L	NA	0.01	0.010		06/26/2020	KYA

REMARKS: Sample collection was performed by the LWC Field analyst/technician and were analyzed as submitted.

DEVIATIONS: No deviations noted on sample collection and submission.

NOTE: ^A Method is not part of DENR-ELR Recognized Parameters

LEGEND: **ACU:** Apparent Color Unit; **NTU:** Nephelometric Turbidity Unit; **UO:** Unobjectionable; **NA:** Not Applicable; **MDL:** Method Detection Limit;


LOQ: Limit of Quantification

METHOD REFERENCE: Standard Methods for the Examination of Water and Wastewater, 23rd Edition


NOT VALID WITHOUT QR STAMP



CERTIFIED CORRECT BY:


 KRISTEEN Y. ALDAY, RCh
 Analytical Services Unit Manager
 PRC License No. 0013295

AUTHORIZED BY:


 ANNA KARLA S. GUTIERREZ, RMT
 Laboratory Services Manager
 License No. PRC 0060968

This report may not be reproduced in part or in full and may not be used for advertisement or litigation purposes without permission from Laguna AAWater Corporation. This report is certified to have passed the Laguna AAWater Corporation Quality Control procedures for reporting results of analysis

ADDRESS: 8 North Science Avenue, Laguna Technopark Inc., Brgy. Biñan (Poblacion), Biñan City, Laguna

CONTACT NO.: (049) 543-1916

WEBSITE: www.lagunawater.com.ph

CUSTOMER NAME : Laguna AAWater Corporation

ADDRESS : G/F One Evotech Bldg., Nuvali, Santa Rosa City, Laguna, Philippines

ATTENTION : N/A

SUMMARY OF LABORATORY ANALYSIS

SAMPLE CODE : S20-3973 **DATE/TIME SUBMITTED** : 06/22/2020 14:39
DATE/TIME COLLECTION : 06/22/2020 13:02 **COLLECTED BY** : Elmer Palmares, Jr.
NO. OF SAMPLES : 1 **TOTAL PARAMETERS TESTED** : 15
SAMPLE LOCATION : BLOCK 15 LOT 18, MARGARITA HOMES SUBDIVISION, BRGY. SAN ANTONIO, BIÑAN CITY, LAGUNA
SAMPLE CHARACTERISTICS : 2000 mL water sample in polyethylene bottle

PARAMETER(S)	UNIT	MDL	LOQ	RESULT(S)	METHOD(S)	ANALYSIS	
						DATE	BY
pH / Temperature	-/°C	NA	NA	7.38/33.0	4500-H ⁺ . Electrometric	06/22/2020	EPP
Residual Chlorine ^A	mg/L	0.063	0.20	0.770	4500-Cl-G.DPD Colorimetric	06/22/2020	EPP
Color	ACU	2	NA	<2	2120B. Visual Comparison (Pt-Co)	06/23/2020	KAP
Taste ^A	-	NA	NA	UO	2160. Sensory	06/22/2020	KAP
Odor ^A	-	NA	NA	UO	2150. Sensory	06/22/2020	KAP
Turbidity ^A	NTU	0.115	0.365	<0.115	2130. Nephelometric	06/23/2020	KAP
Total Hardness as CaCO ₃ ^A	mg/L	0.469	1.49	213	2340C. EDTA Titrimetric	06/26/2020	KAP
Total Dissolved Solids	mg/L	4.77	12.5	483	2540C. Gravimetric, dried @ 180°C	06/24/2020	KAP
Nitrate (NO ₃) ^A	mg/L	0.0574	0.183	<0.0574	4110B. Ion Chromatography with Chemical Suppression of Eluent Conductivity	06/23/2020	KAP
Chloride (Cl ⁻) ^A	mg/L	0.0372	0.119	16.5		06/23/2020	KAP
Fluoride (F ⁻) ^A	mg/L	0.0524	0.167	0.314		06/23/2020	KAP
Sulfate (SO ₄ ²⁻) ^A	mg/L	0.0567	0.181	8.68		06/23/2020	KAP
Iron (Fe) ^A	mg/L	NA	0.005	0.010	3500-Fe B. Colorimetric	06/26/2020	KYA
Manganese (Mn) ^A	mg/L	NA	0.01	<0.010		06/26/2020	KYA

REMARKS: Sample collection was performed by the LWC Field analyst/technician and were analyzed as submitted.

DEVIATIONS: No deviations noted on sample collection and submission.

NOTE: ^A Method is not part of DENR-ELR Recognized Parameters

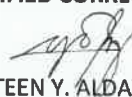
LEGEND: **ACU:** Apparent Color Unit; **NTU:** Nephelometric Turbidity Unit; **UO:** Unobjectionable; **NA:** Not Applicable; **MDL:** Method Detection Limit; **LOQ:** Limit of Quantification

METHOD REFERENCE: Standard Methods for the Examination of Water and Wastewater, 23rd Edition

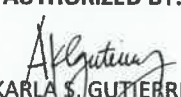
NOT VALID WITHOUT QR STAMP



CERTIFIED CORRECT BY:


KRISTEEN Y. ALDAY, RCh
Analytical Services Unit Manager
PRC License No. 0013295

AUTHORIZED BY:


ANNA KARLA S. GUTIERREZ, RMT
Laboratory Services Manager
License No. PRC 0060968

This report may not be reproduced in part or in full and may not be used for advertisement or litigation purposes without permission from Laguna AAWater Corporation. This report is certified to have passed the Laguna AAWater Corporation Quality Control procedures for reporting results of analysis

ADDRESS: 8 North Science Avenue, Laguna Technopark Inc., Brgy. Biñan (Poblacion), Biñan City, Laguna

CONTACT NO.: (049) 543-1916

WEBSITE: www.lagunawater.com.ph

CUSTOMER NAME : Laguna AAWater Corporation

ADDRESS : G/F One Evotech Bldg., Nuvali, Santa Rosa City, Laguna, Philippines

ATTENTION : N/A

SUMMARY OF LABORATORY ANALYSIS

SAMPLE CODE : S20-3974 DATE/TIME SUBMITTED : 06/22/2020 14:39
DATE/TIME COLLECTION : 06/22/2020 13:36 COLLECTED BY : Elmer Palmares, Jr.
NO. OF SAMPLES : 1 TOTAL PARAMETERS TESTED : 15
SAMPLE LOCATION : CISTERN, PAVILLION MALL, NATIONAL ROAD, BRGY. SAN ANTONIO, BIÑAN CITY, LAGUNA
SAMPLE CHARACTERISTICS : 2000 mL water sample in polyethylene bottle

PARAMETER(S)	UNIT	MDL	LOQ	RESULT(S)	METHOD(S)	ANALYSIS	
						DATE	BY
pH / Temperature	-/°C	NA	NA	7.38/29.3	4500-H ⁺ . Electrometric	06/22/2020	EPP
Residual Chlorine ^A	mg/L	0.063	0.20	0.680	4500-Cl-G.DPD Colorimetric	06/22/2020	EPP
Color	ACU	2	NA	<2	2120B. Visual Comparison (Pt-Co)	06/23/2020	KAP
Taste ^A	-	NA	NA	UO	2160. Sensory	06/22/2020	KAP
Odor ^A	-	NA	NA	UO	2150. Sensory	06/22/2020	KAP
Turbidity ^A	NTU	0.115	0.365	1.10	2130. Nephelometric	06/23/2020	KAP
Total Hardness as CaCO ₃ ^A	mg/L	0.469	1.49	149	2340C. EDTA Titrimetric	06/26/2020	KAP
Total Dissolved Solids	mg/L	4.77	12.5	330	2540C. Gravimetric, dried @ 180°C	06/24/2020	KAP
Nitrate (NO ₃) ^A	mg/L	0.0574	0.183	4.08	4110B. Ion Chromatography with Chemical Suppression of Eluent Conductivity	06/23/2020	KAP
Chloride (Cl) ^A	mg/L	0.0372	0.119	5.77		06/23/2020	KAP
Fluoride (F) ^A	mg/L	0.0524	0.167	0.181		06/23/2020	KAP
Sulfate (SO ₄ ²⁻) ^A	mg/L	0.0567	0.181	7.20		06/23/2020	KAP
Iron (Fe) ^A	mg/L	NA	0.005	0.010	3500-Fe B. Colorimetric	06/26/2020	KYA
Manganese (Mn) ^A	mg/L	NA	0.01	<0.010		06/26/2020	KYA

REMARKS: Sample collection was performed by the LWC Field analyst/technician and were analyzed as submitted.

DEVIATIONS: No deviations noted on sample collection and submission.

NOTE: A Method is not part of DENR-ELR Recognized Parameters

LEGEND: ACU: Apparent Color Unit; NTU: Nephelometric Turbidity Unit; UO: Unobjectionable; NA: Not Applicable; MDL: Method Detection Limit;

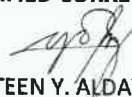
LOQ: Limit of Quantification

METHOD REFERENCE: Standard Methods for the Examination of Water and Wastewater, 23rd Edition

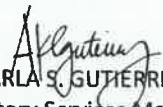
NOT VALID WITHOUT QR STAMP



CERTIFIED CORRECT BY:


KRISTEEN Y. ALDAY, RCh
Analytical Services Unit Manager
PRC License No. 0013295

AUTHORIZED BY:


ANNA KARLA S. GUTIERREZ, RMT
Laboratory Services Manager
License No. PRC 0060968

This report may not be reproduced in part or in full and may not be used for advertisement or litigation purposes without permission from Laguna AAWater Corporation. This report is certified to have passed the Laguna AAWater Corporation Quality Control procedures for reporting results of analysis

ADDRESS: 8 North Science Avenue, Laguna Technopark Inc., Brgy. Biñan (Poblacion), Biñan City, Laguna

CONTACT NO.: (049) 543-1916

WEBSITE: www.lagunawater.com.ph

CUSTOMER NAME : Laguna AAWater Corporation

ADDRESS : G/F One Evotech Bldg., Nuvali, Santa Rosa City, Laguna, Philippines

ATTENTION : N/A

SUMMARY OF LABORATORY ANALYSIS

SAMPLE CODE : **S20-3975** DATE/TIME SUBMITTED : 06/22/2020 14:39
 DATE/TIME COLLECTION : 06/22/2020 13:50 COLLECTED BY : Elmer Palmares, Jr.
 NO. OF SAMPLES : 1 TOTAL PARAMETERS TESTED : 15
 SAMPLE LOCATION : PAVILLION MALL, NATIONAL ROAD, BRGY. SAN ANTONIO, BIÑAN CITY, LAGUNA
 SAMPLE CHARACTERISTICS : 2000 mL water sample in polyethylene bottle

PARAMETER(S)	UNIT	MDL	LOQ	RESULT(S)	METHOD(S)	ANALYSIS	
						DATE	BY
pH / Temperature	-/°C	NA	NA	7.35/31.1	4500-H ⁺ . Electrometric	06/22/2020	EPP
Residual Chlorine ^A	mg/L	0.063	0.20	0.580	4500-Cl-G.DPD Colorimetric	06/22/2020	EPP
Color	ACU	2	NA	<2	2120B. Visual Comparison (Pt-Co)	06/23/2020	KAP
Taste ^A	-	NA	NA	UO	2160. Sensory	06/22/2020	KAP
Odor ^A	-	NA	NA	UO	2150. Sensory	06/22/2020	KAP
Turbidity ^A	NTU	0.115	0.365	0.850	2130. Nephelometric	06/23/2020	KAP
Total Hardness as CaCO ₃ ^A	mg/L	0.469	1.49	145	2340C. EDTA Titrimetric	06/26/2020	KAP
Total Dissolved Solids	mg/L	4.77	12.5	343	2540C. Gravimetric, dried @ 180°C	06/24/2020	KAP
Nitrate (NO ₃) ^A	mg/L	0.0574	0.183	3.94	4110B. Ion Chromatography with Chemical Suppression of Eluent Conductivity	06/24/2020	KAP
Chloride (Cl) ^A	mg/L	0.0372	0.119	5.77		06/24/2020	KAP
Fluoride (F) ^A	mg/L	0.0524	0.167	0.287		06/24/2020	KAP
Sulfate (SO ₄ ²⁻) ^A	mg/L	0.0567	0.181	6.95		06/24/2020	KAP
Iron (Fe) ^A	mg/L	NA	0.005	0.010	3500-Fe B. Colorimetric	06/26/2020	KYA
Manganese (Mn) ^A	mg/L	NA	0.01	<0.010		06/26/2020	KYA

REMARKS: Sample collection was performed by the LWC Field analyst/technician and were analyzed as submitted.

DEVIATIONS: No deviations noted on sample collection and submission.

NOTE: ^A Method is not part of DENR-ELR Recognized Parameters

LEGEND: **ACU**: Apparent Color Unit; **NTU**: Nephelometric Turbidity Unit; **UO**: Unobjectionable; **NA**: Not Applicable; **MDL**: Method Detection Limit;

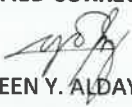
LOQ: Limit of Quantification

METHOD REFERENCE: Standard Methods for the Examination of Water and Wastewater, 23rd Edition


NOT VALID WITHOUT QR STAMP



CERTIFIED CORRECT BY:


KRISTEEN Y. ALDAY, RCh
Analytical Services Unit Manager
PRC License No. 0013295

AUTHORIZED BY:


ANNA KARLA S. GUTIERREZ, RMT
Laboratory Services Manager
License No. PRC 0060968

This report may not be reproduced in part or in full and may not be used for advertisement or litigation purposes without permission from Laguna AAWater Corporation. This report is certified to have passed the Laguna AAWater Corporation Quality Control procedures for reporting results of analysis

ADDRESS: 8 North Science Avenue, Laguna Technopark Inc., Brgy. Biñan (Poblacion), Biñan City, Laguna

CONTACT NO.: (049) 543-1916

WEBSITE: www.lagunawater.com.ph

CUSTOMER NAME : Laguna AAWater Corporation

ADDRESS : G/F One Evotech Bldg., Nuvali, Santa Rosa City, Laguna, Philippines

ATTENTION : N/A

SUMMARY OF LABORATORY ANALYSIS

SAMPLE CODE : S20-3976 DATE/TIME SUBMITTED : 06/22/2020 14:39
DATE/TIME COLLECTION : 06/22/2020 13:23 COLLECTED BY : Elmer Palmares, Jr.
NO. OF SAMPLES : 1 TOTAL PARAMETERS TESTED : 15
SAMPLE LOCATION : JOLLIBEE, NATIONAL ROAD, BRGY. SANTO NINO, BIÑAN CITY, LAGUNA
SAMPLE CHARACTERISTICS : 2000 mL water sample in polyethylene bottle

PARAMETER(S)	UNIT	MDL	LOQ	RESULT(S)	METHOD(S)	ANALYSIS	
						DATE	BY
pH / Temperature	-/°C	NA	NA	7.30/29.2	4500-H ⁺ . Electrometric	06/22/2020	EPP
Residual Chlorine ^A	mg/L	0.063	0.20	0.750	4500-Cl-G.DPD Colorimetric	06/22/2020	EPP
Color	ACU	2	NA	<2	2120B. Visual Comparison (Pt-Co)	06/23/2020	KAP
Taste ^A	-	NA	NA	UO	2160. Sensory	06/22/2020	KAP
Odor ^A	-	NA	NA	UO	2150. Sensory	06/22/2020	KAP
Turbidity ^A	NTU	0.115	0.365	1.50	2130. Nephelometric	06/23/2020	KAP
Total Hardness as CaCO ₃ ^A	mg/L	0.469	1.49	144	2340C. EDTA Titrimetric	06/26/2020	KAP
Total Dissolved Solids	mg/L	4.77	12.5	333	2540C. Gravimetric, dried @ 180°C	06/24/2020	KAP
Nitrate (NO ₃) ^A	mg/L	0.0574	0.183	4.44	4110B. Ion Chromatography with Chemical Suppression of Eluent Conductivity	06/24/2020	KAP
Chloride (Cl) ^A	mg/L	0.0372	0.119	5.62		06/24/2020	KAP
Fluoride (F) ^A	mg/L	0.0524	0.167	0.292		06/24/2020	KAP
Sulfate (SO ₄ ²⁻) ^A	mg/L	0.0567	0.181	7.31		06/24/2020	KAP
Iron (Fe) ^A	mg/L	NA	0.005	0.010	3500-Fe B. Colorimetric	06/26/2020	KYA
Manganese (Mn) ^A	mg/L	NA	0.01	0.010		06/26/2020	KYA

REMARKS: Sample collection was performed by the LWC Field analyst/technician and were analyzed as submitted.

DEVIATIONS: No deviations noted on sample collection and submission.

NOTE: ^A Method is not part of DENR-ELR Recognized Parameters

LEGEND: **ACU:** Apparent Color Unit; **NTU:** Nephelometric Turbidity Unit; **UO:** Unobjectionable; **NA:** Not Applicable; **MDL:** Method Detection Limit;


LOQ: Limit of Quantification

METHOD REFERENCE: Standard Methods for the Examination of Water and Wastewater, 23rd Edition


NOT VALID WITHOUT QR STAMP



CERTIFIED CORRECT BY:


KRISTEEN Y. ALDAY, RCh
Analytical Services Unit Manager
PRC License No. 0013295

AUTHORIZED BY:


ANNA KARLA S. GUTIERREZ, RMT
Laboratory Services Manager
License No. PRC 0060968

This report may not be reproduced in part or in full and may not be used for advertisement or litigation purposes without permission from Laguna AAWater Corporation. This report is certified to have passed the Laguna AAWater Corporation Quality Control procedures for reporting results of analysis

ADDRESS: 8 North Science Avenue, Laguna Technopark Inc., Brgy. Biñan (Poblacion), Biñan City, Laguna

CONTACT NO.: (049) 543-1916

WEBSITE: www.lagunawater.com.ph

CUSTOMER NAME : Laguna AAWater Corporation

ADDRESS : G/F One Evotech Bldg., Nuvali, Santa Rosa City, Laguna, Philippines

ATTENTION : N/A

SUMMARY OF LABORATORY ANALYSIS

SAMPLE CODE : S20-3979 **DATE/TIME SUBMITTED** : 06/22/2020 14:39
DATE/TIME COLLECTION : 06/22/2020 10:35 **COLLECTED BY** : Elmer Palmares, Jr.
NO. OF SAMPLES : 1 **TOTAL PARAMETERS TESTED** : 15
SAMPLE LOCATION : WATER PUMP, BRGY. SAN ZAPOTE, BIÑAN CITY, LAGUNA
SAMPLE CHARACTERISTICS : 2000 mL water sample in polyethylene bottle

PARAMETER(S)	UNIT	MDL	LOQ	RESULT(S)	METHOD(S)	ANALYSIS	
						DATE	BY
pH / Temperature	-/°C	NA	NA	6.72/33.7	4500-H ⁺ . Electrometric	06/22/2020	EPP
Residual Chlorine ^A	mg/L	0.063	0.20	0.600	4500-Cl-G.DPD Colorimetric	06/22/2020	EPP
Color	ACU	2	NA	<2	2120B. Visual Comparison (Pt-Co)	06/23/2020	KAP
Taste ^A	-	NA	NA	UO	2160. Sensory	06/22/2020	KAP
Odor ^A	-	NA	NA	UO	2150. Sensory	06/22/2020	KAP
Turbidity ^A	NTU	0.115	0.365	1.20	2130. Nephelometric	06/23/2020	KAP
Total Hardness as CaCO ₃ ^A	mg/L	0.469	1.49	147	2340C. EDTA Titrimetric	06/26/2020	KAP
Total Dissolved Solids	mg/L	4.77	12.5	337	2540C. Gravimetric, dried @ 180°C	06/24/2020	KAP
Nitrate (NO ₃) ^A	mg/L	0.0574	0.183	4.89	4110B. Ion Chromatography with Chemical Suppression of Eluent Conductivity	06/24/2020	KAP
Chloride (Cl) ^A	mg/L	0.0372	0.119	5.45		06/24/2020	KAP
Fluoride (F) ^A	mg/L	0.0524	0.167	0.289		06/24/2020	KAP
Sulfate (SO ₄ ²⁻) ^A	mg/L	0.0567	0.181	7.23		06/24/2020	KAP
Iron (Fe) ^A	mg/L	NA	0.005	0.010	3500-Fe B. Colorimetric	06/26/2020	KYA
Manganese (Mn) ^A	mg/L	NA	0.01	0.010		06/26/2020	KYA

REMARKS: Sample collection was performed by the LWC Field analyst/technician and were analyzed as submitted.

DEVIATIONS: No deviations noted on sample collection and submission.

NOTE: ^A Method is not part of DENR-ELR Recognized Parameters

LEGEND: **ACU:** Apparent Color Unit; **NTU:** Nephelometric Turbidity Unit; **UO:** Unobjectionable; **NA:** Not Applicable; **MDL:** Method Detection Limit;

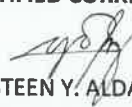
LOQ: Limit of Quantification

METHOD REFERENCE: Standard Methods for the Examination of Water and Wastewater, 23rd Edition

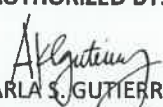
NOT VALID WITHOUT QR STAMP



CERTIFIED CORRECT BY:


KRISTEEN Y. ALDAY, RCh
Analytical Services Unit Manager
PRC License No. 0013295

AUTHORIZED BY:


ANNA KARLA S. GUTIERREZ, RMT
Laboratory Services Manager
License No. PRC 0060968

This report may not be reproduced in part or in full and may not be used for advertisement or litigation purposes without permission from Laguna AAWater Corporation. This report is certified to have passed the Laguna AAWater Corporation Quality Control procedures for reporting results of analysis

ADDRESS: 8 North Science Avenue, Laguna Technopark Inc., Brgy. Biñan (Poblacion), Biñan City, Laguna

CONTACT NO.: (049) 543-1916

WEBSITE: www.lagunawater.com.ph

CUSTOMER NAME : Laguna AAWater Corporation

ADDRESS : G/F One Evotech Bldg., Nuvali, Santa Rosa City, Laguna, Philippines

ATTENTION : N/A

SUMMARY OF LABORATORY ANALYSIS

SAMPLE CODE : S20-3980 **DATE/TIME SUBMITTED** : 06/22/2020 14:39
DATE/TIME COLLECTION : 06/22/2020 11:32 **COLLECTED BY** : Elmer Palmares, Jr.
NO. OF SAMPLES : 1 **TOTAL PARAMETERS TESTED** : 15
SAMPLE LOCATION : 407 WATER PUMP, SAN VICENTE SUBDIVION, BRGY. SAN VICENTE, BINAN CITY
SAMPLE CHARACTERISTICS : 2000 mL water sample in polyethylene bottle

PARAMETER(S)	UNIT	MDL	LOQ	RESULT(S)	METHOD(S)	ANALYSIS	
						DATE	BY
pH / Temperature	-/°C	NA	NA	7.07/29.9	4500-H ⁺ . Electrometric	06/22/2020	EPP
Residual Chlorine ^A	mg/L	0.063	0.20	<0.0630	4500-Cl-G.DPD Colorimetric	06/22/2020	EPP
Color	ACU	2	NA	<2	2120B. Visual Comparison (Pt-Co)	06/23/2020	KAP
Taste ^A	-	NA	NA	UO	2160. Sensory	06/22/2020	KAP
Odor ^A	-	NA	NA	UO	2150. Sensory	06/22/2020	KAP
Turbidity ^A	NTU	0.115	0.365	0.150	2130. Nephelometric	06/23/2020	KAP
Total Hardness as CaCO ₃ ^A	mg/L	0.469	1.49	148	2340C. EDTA Titrimetric	06/26/2020	KAP
Total Dissolved Solids	mg/L	4.77	12.5	300	2540C. Gravimetric, dried @ 180°C	06/24/2020	KAP
Nitrate (NO ₃) ^A	mg/L	0.0574	0.183	0.236	4110B. Ion Chromatography with Chemical Suppression of Eluent Conductivity	06/24/2020	KAP
Chloride (Cl) ^A	mg/L	0.0372	0.119	7.44		06/24/2020	KAP
Fluoride (F) ^A	mg/L	0.0524	0.167	0.302		06/24/2020	KAP
Sulfate (SO ₄ ²⁻) ^A	mg/L	0.0567	0.181	8.42		06/24/2020	KAP
Iron (Fe) ^A	mg/L	NA	0.005	0.030	3500-Fe B. Colorimetric	06/26/2020	KYA
Manganese (Mn) ^A	mg/L	NA	0.01	0.010		06/26/2020	KYA

REMARKS: Sample collection was performed by the LWC Field analyst/technician and were analyzed as submitted.

DEVIATIONS: No deviations noted on sample collection and submission.

NOTE: ^A Method is not part of DENR-ELR Recognized Parameters

LEGEND: ^{ACU}: Apparent Color Unit; ^{NTU}: Nephelometric Turbidity Unit; ^{UO}: Unobjectionable; ^{NA}: Not Applicable; ^{MDL}: Method Detection Limit;


^{LOQ}: Limit of Quantification

METHOD REFERENCE: Standard Methods for the Examination of Water and Wastewater, 23rd Edition


NOT VALID WITHOUT QR STAMP



CERTIFIED CORRECT BY:


KRISTEEN Y. ALDAY, RCh
Analytical Services Unit Manager
PRC License No. 0013295

AUTHORIZED BY:


ANNA KARLA S. GUTIERREZ, RMT
Laboratory Services Manager
License No. PRC 0060968

This report may not be reproduced in part or in full and may not be used for advertisement or litigation purposes without permission from Laguna AAWater Corporation. This report is certified to have passed the Laguna AAWater Corporation Quality Control procedures for reporting results of analysis

ADDRESS: 8 North Science Avenue, Laguna Technopark Inc., Brgy. Biñan (Poblacion), Biñan City, Laguna

CONTACT NO.: (049) 543-1916

WEBSITE: www.lagunawater.com.ph

CUSTOMER NAME : Laguna AAWater Corporation

ADDRESS : G/F One Evotech Bldg., Nuvali, Santa Rosa City, Laguna, Philippines

ATTENTION : N/A

SUMMARY OF LABORATORY ANALYSIS

SAMPLE CODE : S20-3981 DATE/TIME SUBMITTED : 06/22/2020 14:39
 DATE/TIME COLLECTION : 06/22/2020 11:02 COLLECTED BY : Elmer Palmares, Jr.
 NO. OF SAMPLES : 1 TOTAL PARAMETERS TESTED : 15
 SAMPLE LOCATION : HOA OFFICE, ADELINA COMPLEX 3, BRGY. SANTO TOMAS, BIÑAN CITY, LAGUNA
 SAMPLE CHARACTERISTICS : 2000 mL water sample in polyethylene bottle

PARAMETER(S)	UNIT	MDL	LOQ	RESULT(S)	METHOD(S)	ANALYSIS	
						DATE	BY
pH / Temperature	-/°C	NA	NA	7.11/29.3	4500-H ⁺ . Electrometric	06/22/2020	EPP
Residual Chlorine ^A	mg/L	0.063	0.20	0.790	4500-Cl-G.DPD Colorimetric	06/22/2020	EPP
Color	ACU	2	NA	10	2120B. Visual Comparison (Pt-Co)	06/23/2020	KAP
Taste ^A	-	NA	NA	UO	2160. Sensory	06/22/2020	KAP
Odor ^A	-	NA	NA	UO	2150. Sensory	06/22/2020	KAP
Turbidity ^A	NTU	0.115	0.365	1.00	2130. Nephelometric	06/23/2020	KAP
Total Hardness as CaCO ₃ ^A	mg/L	0.469	1.49	153	2340C. EDTA Titrimetric	06/26/2020	KAP
Total Dissolved Solids	mg/L	4.77	12.5	310	2540C. Gravimetric, dried @ 180°C	06/24/2020	KAP
Nitrate (NO ₃) ^A	mg/L	0.0574	0.183	3.25	4110B. Ion Chromatography with Chemical Suppression of Eluent Conductivity	06/24/2020	KAP
Chloride (Cl) ^A	mg/L	0.0372	0.119	6.92		06/24/2020	KAP
Fluoride (F) ^A	mg/L	0.0524	0.167	0.298		06/24/2020	KAP
Sulfate (SO ₄ ²⁻) ^A	mg/L	0.0567	0.181	7.73		06/24/2020	KAP
Iron (Fe) ^A	mg/L	NA	0.005	0.100	3500-Fe B. Colorimetric	06/26/2020	KYA
Manganese (Mn) ^A	mg/L	NA	0.01	<0.01		06/26/2020	KYA

REMARKS: Sample collection was performed by the LWC Field analyst/technician and were analyzed as submitted.

DEVIATIONS: No deviations noted on sample collection and submission.

NOTE: ^A Method is not part of DENR-ELR Recognized Parameters

LEGEND: **ACU**: Apparent Color Unit; **NTU**: Nephelometric Turbidity Unit; **UO**: Unobjectionable; **NA**: Not Applicable; **MDL**: Method Detection Limit;

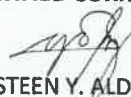
LOQ: Limit of Quantification

METHOD REFERENCE: Standard Methods for the Examination of Water and Wastewater, 23rd Edition


NOT VALID WITHOUT QR STAMP



CERTIFIED CORRECT BY:


 KRISTEEN Y. ALDAY, RCh
 Analytical Services Unit Manager
 PRC License No. 0013295

AUTHORIZED BY:


 ANNA KARLA S. GUTIERREZ, RMT
 Laboratory Services Manager
 License No. PRC 0060968

This report may not be reproduced in part or in full and may not be used for advertisement or litigation purposes without permission from Laguna AAWater Corporation. This report is certified to have passed the Laguna AAWater Corporation Quality Control procedures for reporting results of analysis

ADDRESS: 8 North Science Avenue, Laguna Technopark Inc., Brgy. Biñan (Poblacion), Biñan City, Laguna

CONTACT NO.: (049) 543-1916

WEBSITE: www.lagunawater.com.ph

CUSTOMER NAME : Laguna AAWater Corporation

ADDRESS : G/F One Evotech Bldg., Nuvali, Santa Rosa City, Laguna, Philippines

ATTENTION : N/A

SUMMARY OF LABORATORY ANALYSIS

SAMPLE CODE : **S20-4238** DATE/TIME SUBMITTED : 06/23/2020 16:00
DATE/TIME COLLECTION : 06/23/2020 11:00 COLLECTED BY : Edwin O. Aguilar
NO. OF SAMPLES : 1 TOTAL PARAMETERS TESTED : 15
SAMPLE LOCATION : **9999 WATER PUMP, METROVILLE COMPLEX, BRGY. HALANG, BIÑAN CITY, LAGUNA**
SAMPLE CHARACTERISTICS : 2000 mL water sample in polyethylene bottle

PARAMETER(S)	UNIT	MDL	LOQ	RESULT(S)	METHOD(S)	ANALYSIS	
						DATE	BY
pH / Temperature	-/°C	NA	NA	7.09/28.7	4500-H ⁺ . Electrometric	06/23/2020	EOA
Residual Chlorine ^A	mg/L	0.063	0.20	0.480	4500-Cl-G.DPD Colorimetric	06/23/2020	EOA
Color	ACU	2	NA	10	2120B. Visual Comparison (Pt-Co)	06/23/2020	KAP
Taste ^A	-	NA	NA	UO	2160. Sensory	06/23/2020	KAP
Odor ^A	-	NA	NA	UO	2150. Sensory	06/23/2020	KAP
Turbidity ^A	NTU	0.115	0.365	0.400	2130. Nephelometric	06/24/2020	KAP
Total Hardness as CaCO ₃ ^A	mg/L	0.469	1.49	168	2340C. EDTA Titrimetric	06/26/2020	KAP
Total Dissolved Solids	mg/L	4.77	12.5	330	2540C. Gravimetric, dried @ 180°C	06/23/2020	KAP
Nitrate (NO ₃) ^A	mg/L	0.0574	0.183	0.249	4110B. Ion Chromatography with Chemical Suppression of Eluent Conductivity	06/24/2020	KAP
Chloride (Cl) ^A	mg/L	0.0372	0.119	6.73		06/24/2020	KAP
Fluoride (F) ^A	mg/L	0.0524	0.167	0.288		06/24/2020	KAP
Sulfate (SO ₄ ²⁻) ^A	mg/L	0.0567	0.181	6.27		06/24/2020	KAP
Iron (Fe) ^A	mg/L	NA	0.005	0.370	3500-Fe B. Colorimetric	06/26/2020	KYA
Manganese (Mn) ^A	mg/L	NA	0.01	0.050		06/26/2020	KYA

REMARKS: Sample collection was performed by the LWC Field analyst/technician and were analyzed as submitted.

DEVIATIONS: No deviations noted on sample collection and submission.

NOTE: ^A Method is not part of DENR-ELR Recognized Parameters

LEGEND: **ACU:** Apparent Color Unit; **NTU:** Nephelometric Turbidity Unit; **UO:** Unobjectionable; **NA:** Not Applicable; **MDL:** Method Detection Limit;


LOQ: Limit of Quantification

METHOD REFERENCE: Standard Methods for the Examination of Water and Wastewater, 23rd Edition

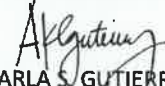
NOT VALID WITHOUT QR STAMP



CERTIFIED CORRECT BY:


KRISTEEN Y. ALDAY, RCh
Analytical Services Unit Manager
PRC License No. 0013295

AUTHORIZED BY:


ANNA KARLA S. GUTIERREZ, RMT
Laboratory Services Manager
License No. PRC 0060968

This report may not be reproduced in part or in full and may not be used for advertisement or litigation purposes without permission from Laguna AAWater Corporation. This report is certified to have passed the Laguna AAWater Corporation Quality Control procedures for reporting results of analysis

ADDRESS: 8 North Science Avenue, Laguna Technopark Inc., Brgy. Biñan (Poblacion), Biñan City, Laguna

CONTACT NO.: (049) 543-1916

WEBSITE: www.lagunawater.com.ph

CUSTOMER NAME : Laguna AAWater Corporation

ADDRESS : G/F One Evotech Bldg., Nuvali, Santa Rosa City, Laguna, Philippines

ATTENTION : N/A

SUMMARY OF LABORATORY ANALYSIS

SAMPLE CODE : S20-4239 DATE/TIME SUBMITTED : 06/23/2020 16:00
DATE/TIME COLLECTION : 06/23/2020 11:13 COLLECTED BY : Edwin O. Aguilar
NO. OF SAMPLES : 1 TOTAL PARAMETERS TESTED : 15
SAMPLE LOCATION : CLUBHOUSE, METROVILLE COMPLEX, BRGY. HALANG, BIÑAN CITY, LAGUNA
SAMPLE CHARACTERISTICS : 2000 mL water sample in polyethylene bottle

PARAMETER(S)	UNIT	MDL	LOQ	RESULT(S)	METHOD(S)	ANALYSIS	
						DATE	BY
pH / Temperature	-/°C	NA	NA	7.89/30.2	4500-H ⁺ . Electrometric	06/23/2020	EOA
Residual Chlorine ^A	mg/L	0.063	0.20	0.370	4500-Cl-G.DPD Colorimetric	06/23/2020	EOA
Color	ACU	2	NA	<2	2120B. Visual Comparison (Pt-Co)	06/23/2020	KAP
Taste ^A	-	NA	NA	UO	2160. Sensory	06/23/2020	KAP
Odor ^A	-	NA	NA	UO	2150. Sensory	06/23/2020	KAP
Turbidity ^A	NTU	0.115	0.365	<0.115	2130. Nephelometric	06/24/2020	KAP
Total Hardness as CaCO ₃ ^A	mg/L	0.469	1.49	172	2340C. EDTA Titrimetric	06/26/2020	KAP
Total Dissolved Solids	mg/L	4.77	12.5	320	2540C. Gravimetric, dried @ 180°C	06/23/2020	KAP
Nitrate (NO ₃) ^A	mg/L	0.0574	0.183	0.261	4110B. Ion Chromatography with Chemical Suppression of Eluent Conductivity	06/24/2020	KAP
Chloride (Cl) ^A	mg/L	0.0372	0.119	6.71		06/24/2020	KAP
Fluoride (F) ^A	mg/L	0.0524	0.167	0.289		06/24/2020	KAP
Sulfate (SO ₄ ²⁻) ^A	mg/L	0.0567	0.181	6.25		06/24/2020	KAP
Iron (Fe) ^A	mg/L	NA	0.005	0.410	3500-Fe B. Colorimetric	06/26/2020	KYA
Manganese (Mn) ^A	mg/L	NA	0.01	0.080		06/26/2020	KYA

REMARKS: Sample collection was performed by the LWC Field analyst/technician and were analyzed as submitted.

DEVIATIONS: No deviations noted on sample collection and submission.

NOTE: ^A Method is not part of DENR-ELR Recognized Parameters

LEGEND: **ACU:** Apparent Color Unit; **NTU:** Nephelometric Turbidity Unit; **UO:** Unobjectionable; **NA:** Not Applicable; **MDL:** Method Detection Limit;


LOQ: Limit of Quantification

METHOD REFERENCE: Standard Methods for the Examination of Water and Wastewater, 23rd Edition


NOT VALID WITHOUT QR STAMP



CERTIFIED CORRECT BY:


KRISTEEN Y. ALDAY, RCh
Analytical Services Unit Manager
PRC License No. 0013295

AUTHORIZED BY:


ANNA KARLA S. GUTIERREZ, RMT
Laboratory Services Manager
License No. PRC 0060968

This report may not be reproduced in part or in full and may not be used for advertisement or litigation purposes without permission from Laguna AAWater Corporation. This report is certified to have passed the Laguna AAWater Corporation Quality Control procedures for reporting results of analysis

ADDRESS: 8 North Science Avenue, Laguna Technopark Inc., Brgy. Biñan (Poblacion), Biñan City, Laguna

CONTACT NO.: (049) 543-1916

WEBSITE: www.lagunawater.com.ph

CUSTOMER NAME : Laguna AAWater Corporation

ADDRESS : G/F One Evotech Bldg., Nuvali, Santa Rosa City, Laguna, Philippines

ATTENTION : N/A

SUMMARY OF LABORATORY ANALYSIS

SAMPLE CODE : S20-4240 DATE/TIME SUBMITTED : 06/23/2020 16:00
DATE/TIME COLLECTION : 06/23/2020 10:30 COLLECTED BY : Edwin O. Aguilar
NO. OF SAMPLES : 1 TOTAL PARAMETERS TESTED : 15
SAMPLE LOCATION : WATER PUMP, 9067 MANILA S ROAD, BRGY. SORO-SORO, BIÑAN CITY, LAGUNA
SAMPLE CHARACTERISTICS : 2000 mL water sample in polyethylene bottle

PARAMETER(S)	UNIT	MDL	LOQ	RESULT(S)	METHOD(S)	ANALYSIS	
						DATE	BY
pH / Temperature	-/°C	NA	NA	7.08/27.2	4500-H ⁺ . Electrometric	06/23/2020	EOA
Residual Chlorine ^A	mg/L	0.063	0.20	0.320	4500-Cl-G.DPD Colorimetric	06/23/2020	EOA
Color	ACU	2	NA	<2	2120B. Visual Comparison (Pt-Co)	06/23/2020	KAP
Taste ^A	-	NA	NA	UO	2160. Sensory	06/23/2020	KAP
Odor ^A	-	NA	NA	UO	2150. Sensory	06/23/2020	KAP
Turbidity ^A	NTU	0.115	0.365	<0.115	2130. Nephelometric	06/24/2020	KAP
Total Hardness as CaCO ₃ ^A	mg/L	0.469	1.49	167	2340C. EDTA Titrimetric	06/26/2020	KAP
Total Dissolved Solids	mg/L	4.77	12.5	317	2540C. Gravimetric, dried @ 180°C	06/23/2020	KAP
Nitrate (NO ₃) ^A	mg/L	0.0574	0.183	0.250	4110B. Ion Chromatography with Chemical Suppression of Eluent Conductivity	06/24/2020	KAP
Chloride (Cl) ^A	mg/L	0.0372	0.119	6.65		06/24/2020	KAP
Fluoride (F) ^A	mg/L	0.0524	0.167	0.287		06/24/2020	KAP
Sulfate (SO ₄ ²⁻) ^A	mg/L	0.0567	0.181	6.22		06/24/2020	KAP
Iron (Fe) ^A	mg/L	NA	0.005	0.350	3500-Fe B. Colorimetric	06/26/2020	KYA
Manganese (Mn) ^A	mg/L	NA	0.01	0.110		06/26/2020	KYA

REMARKS: Sample collection was performed by the LWC Field analyst/technician and were analyzed as submitted.

DEVIATIONS: No deviations noted on sample collection and submission.

NOTE: A Method is not part of DENR-ELR Recognized Parameters

LEGEND: ACU: Apparent Color Unit; NTU: Nephelometric Turbidity Unit; UO: Unobjectionable; NA: Not Applicable; MDL: Method Detection Limit;


LOQ: Limit of Quantification

METHOD REFERENCE: Standard Methods for the Examination of Water and Wastewater, 23rd Edition


NOT VALID WITHOUT QR STAMP



CERTIFIED CORRECT BY:


KRISTEEN Y. ALDAY, RCh
Analytical Services Unit Manager
PRC License No. 0013295

AUTHORIZED BY:


ANNA KARLA S. GUTIERREZ, RMT
Laboratory Services Manager
License No. PRC 0060968

This report may not be reproduced in part or in full and may not be used for advertisement or litigation purposes without permission from Laguna AAWater Corporation. This report is certified to have passed the Laguna AAWater Corporation Quality Control procedures for reporting results of analysis

ADDRESS: 8 North Science Avenue, Laguna Technopark Inc., Brgy. Biñan (Poblacion), Biñan City, Laguna

CONTACT NO.: (049) 543-1916

WEBSITE: www.lagunawater.com.ph

CUSTOMER NAME : Laguna AAWater Corporation

ADDRESS : G/F One Evotech Bldg., Nuvali, Santa Rosa City, Laguna, Philippines

ATTENTION : N/A

SUMMARY OF LABORATORY ANALYSIS

SAMPLE CODE : S20-4241 **DATE/TIME SUBMITTED** : 06/23/2020 16:00
DATE/TIME COLLECTION : 06/23/2020 10:41 **COLLECTED BY** : Edwin O. Aguilar
NO. OF SAMPLES : 1 **TOTAL PARAMETERS TESTED** : 15
SAMPLE LOCATION : #76 MANILA S ROAD, BRGY. SORO-SORO, BIÑAN CITY, LAGUNA
SAMPLE CHARACTERISTICS : 2000 mL water sample in polyethylene bottle

PARAMETER(S)	UNIT	MDL	LOQ	RESULT(S)	METHOD(S)	ANALYSIS	
						DATE	BY
pH / Temperature	-/°C	NA	NA	7.90/29.8	4500-H ⁺ . Electrometric	06/23/2020	EOA
Residual Chlorine ^A	mg/L	0.063	0.20	0.280	4500-Cl-G.DPD Colorimetric	06/23/2020	EOA
Color	ACU	2	NA	<2	2120B. Visual Comparison (Pt-Co)	06/23/2020	KAP
Taste ^A	-	NA	NA	UO	2160. Sensory	06/23/2020	KAP
Odor ^A	-	NA	NA	UO	2150. Sensory	06/23/2020	KAP
Turbidity ^A	NTU	0.115	0.365	<0.115	2130. Nephelometric	06/24/2020	KAP
Total Hardness as CaCO ₃ ^A	mg/L	0.469	1.49	174	2340C. EDTA Titrimetric	06/26/2020	KAP
Total Dissolved Solids	mg/L	4.77	12.5	380	2540C. Gravimetric, dried @ 180°C	06/23/2020	KAP
Nitrate (NO ₃ ⁻) ^A	mg/L	0.0574	0.183	0.241	4110B. Ion Chromatography with Chemical Suppression of Eluent Conductivity	06/24/2020	KAP
Chloride (Cl ⁻) ^A	mg/L	0.0372	0.119	6.75		06/24/2020	KAP
Fluoride (F ⁻) ^A	mg/L	0.0524	0.167	0.289		06/24/2020	KAP
Sulfate (SO ₄ ²⁻) ^A	mg/L	0.0567	0.181	6.23		06/24/2020	KAP
Iron (Fe) ^A	mg/L	NA	0.005	0.350	3500-Fe B. Colorimetric	06/26/2020	KYA
Manganese (Mn) ^A	mg/L	NA	0.01	0.110		06/26/2020	KYA

REMARKS: Sample collection was performed by the LWC Field analyst/technician and were analyzed as submitted.

DEVIATIONS: No deviations noted on sample collection and submission.

NOTE: ^A Method is not part of DENR-ELR Recognized Parameters

LEGEND: **ACU:** Apparent Color Unit; **NTU:** Nephelometric Turbidity Unit; **UO:** Unobjectionable; **NA:** Not Applicable; **MDL:** Method Detection Limit;


LOQ: Limit of Quantification

METHOD REFERENCE: Standard Methods for the Examination of Water and Wastewater, 23rd Edition


NOT VALID WITHOUT QR STAMP



CERTIFIED CORRECT BY:


KRISTEEN Y. ALDAY, RCh
Analytical Services Unit Manager
PRC License No. 0013295

AUTHORIZED BY:


ANNA KARLA S. GUTIERREZ, RMT
Laboratory Services Manager
License No. PRC 0060968

This report may not be reproduced in part or in full and may not be used for advertisement or litigation purposes without permission from Laguna AAWater Corporation. This report is certified to have passed the Laguna AAWater Corporation Quality Control procedures for reporting results of analysis

ADDRESS: 8 North Science Avenue, Laguna Technopark Inc., Brgy. Biñan (Poblacion), Biñan City, Laguna

CONTACT NO.: (049) 543-1916

WEBSITE: www.lagunawater.com.ph

CUSTOMER NAME : Laguna AAWater Corporation

ADDRESS : G/F One Evotech Bldg., Nuvali, Santa Rosa City, Laguna, Philippines

ATTENTION : N/A

SUMMARY OF LABORATORY ANALYSIS

SAMPLE CODE : S20-4242 DATE/TIME SUBMITTED : 06/23/2020 16:00
DATE/TIME COLLECTION : 06/23/2020 11:20 COLLECTED BY : Edwin O. Aguilar
NO. OF SAMPLES : 1 TOTAL PARAMETERS TESTED : 15
SAMPLE LOCATION : CLUBHOUSE, GOLDEN CITY SUBDIVISION, BRGY. CANLALAY, BIÑAN CITY, LAGUNA
SAMPLE CHARACTERISTICS : 2000 mL water sample in polyethylene bottle

PARAMETER(S)	UNIT	MDL	LOQ	RESULT(S)	METHOD(S)	ANALYSIS	
						DATE	BY
pH / Temperature	-/°C	NA	NA	7.14/29.0	4500-H ⁺ . Electrometric	06/23/2020	EOA
Residual Chlorine ^A	mg/L	0.063	0.20	0.270	4500-Cl-G.DPD Colorimetric	06/23/2020	EOA
Color	ACU	2	NA	<2	2120B. Visual Comparison (Pt-Co)	06/23/2020	KAP
Taste ^A	-	NA	NA	UO	2160. Sensory	06/23/2020	KAP
Odor ^A	-	NA	NA	UO	2150. Sensory	06/23/2020	KAP
Turbidity ^A	NTU	0.115	0.365	<0.115	2130. Nephelometric	06/24/2020	KAP
Total Hardness as CaCO ₃ ^A	mg/L	0.469	1.49	167	2340C. EDTA Titrimetric	06/26/2020	KAP
Total Dissolved Solids	mg/L	4.77	12.5	330	2540C. Gravimetric, dried @ 180°C	06/23/2020	KAP
Nitrate (NO ₃ ⁻) ^A	mg/L	0.0574	0.183	0.238	4110B. Ion Chromatography with Chemical Suppression of Eluent Conductivity	06/25/2020	KAP
Chloride (Cl ⁻) ^A	mg/L	0.0372	0.119	6.69		06/25/2020	KAP
Fluoride (F ⁻) ^A	mg/L	0.0524	0.167	0.292		06/25/2020	KAP
Sulfate (SO ₄ ²⁻) ^A	mg/L	0.0567	0.181	6.03		06/25/2020	KAP
Iron (Fe) ^A	mg/L	NA	0.005	0.480	3500-Fe B. Colorimetric	06/26/2020	KYA
Manganese (Mn) ^A	mg/L	NA	0.01	0.060		06/26/2020	KYA

REMARKS: Sample collection was performed by the LWC Field analyst/technician and were analyzed as submitted.

DEVIATIONS: No deviations noted on sample collection and submission.

NOTE: ^A Method is not part of DENR-ELR Recognized Parameters

LEGEND: ^{ACU}: Apparent Color Unit; ^{NTU}: Nephelometric Turbidity Unit; ^{UO}: Unobjectionable; ^{NA}: Not Applicable; ^{MDL}: Method Detection Limit;


^{LOQ}: Limit of Quantification

METHOD REFERENCE: Standard Methods for the Examination of Water and Wastewater, 23rd Edition


NOT VALID WITHOUT QR STAMP



CERTIFIED CORRECT BY:


KRISTEEN Y. ALDAY, RCh
Analytical Services Unit Manager
PRC License No. 0013295

AUTHORIZED BY:


ANNA KARLA S. GUTIERREZ, RMT
Laboratory Services Manager
License No. PRC 0060968

This report may not be reproduced in part or in full and may not be used for advertisement or litigation purposes without permission from Laguna AAWater Corporation. This report is certified to have passed the Laguna AAWater Corporation Quality Control procedures for reporting results of analysis

ADDRESS: 8 North Science Avenue, Laguna Technopark Inc., Brgy. Biñan (Poblacion), Biñan City, Laguna

CONTACT NO.: (049) 543-1916

WEBSITE: www.lagunawater.com.ph

CUSTOMER NAME : Laguna AAWater Corporation

ADDRESS : G/F One Evotech Bldg., Nuvali, Santa Rosa City, Laguna, Philippines

ATTENTION : N/A

SUMMARY OF LABORATORY ANALYSIS

SAMPLE CODE : **S20-4244** DATE/TIME SUBMITTED : 06/23/2020 16:00
 DATE/TIME COLLECTION : 06/23/2020 11:40 COLLECTED BY : Edwin O. Aguilar
 NO. OF SAMPLES : 1 TOTAL PARAMETERS TESTED : 15
 SAMPLE LOCATION : **9022 WATER PUMP, FARAON SUBDIVISION, BRGY. SAN ANTONIO, BIÑAN CITY, LAGUNA**
 SAMPLE CHARACTERISTICS : 2000 mL water sample in polyethylene bottle

PARAMETER(S)	UNIT	MDL	LOQ	RESULT(S)	METHOD(S)	ANALYSIS	
						DATE	BY
pH / Temperature	-/°C	NA	NA	7.09/29.0	4500-H ⁺ . Electrometric	06/23/2020	EOA
Residual Chlorine ^A	mg/L	0.063	0.20	0.380	4500-Cl-G.DPD Colorimetric	06/23/2020	EOA
Color	ACU	2	NA	<2	2120B. Visual Comparison (Pt-Co)	06/23/2020	KAP
Taste ^A	-	NA	NA	UO	2160. Sensory	06/23/2020	KAP
Odor ^A	-	NA	NA	UO	2150. Sensory	06/23/2020	KAP
Turbidity ^A	NTU	0.115	0.365	<0.115	2130. Nephelometric	06/24/2020	KAP
Total Hardness as CaCO ₃ ^A	mg/L	0.469	1.49	170	2340C. EDTA Titrimetric	06/26/2020	KAP
Total Dissolved Solids	mg/L	4.77	12.5	297	2540C. Gravimetric, dried @ 180°C	06/23/2020	KAP
Nitrate (NO ₃) ^A	mg/L	0.0574	0.183	0.253	4110B. Ion Chromatography with Chemical Suppression of Eluent Conductivity	06/25/2020	KAP
Chloride (Cl) ^A	mg/L	0.0372	0.119	6.69		06/25/2020	KAP
Fluoride (F) ^A	mg/L	0.0524	0.167	0.290		06/25/2020	KAP
Sulfate (SO ₄ ²⁻) ^A	mg/L	0.0567	0.181	6.08		06/25/2020	KAP
Iron (Fe) ^A	mg/L	NA	0.005	0.670	3500-Fe B. Colorimetric	06/26/2020	KYA
Manganese (Mn) ^A	mg/L	NA	0.01	0.060		06/26/2020	KYA

REMARKS: Sample collection was performed by the LWC Field analyst/technician and were analyzed as submitted.

DEVIATIONS: No deviations noted on sample collection and submission.

NOTE: ^A Method is not part of DENR-ELR Recognized Parameters

LEGEND: **ACU:** Apparent Color Unit; **NTU:** Nephelometric Turbidity Unit; **UO:** Unobjectionable; **NA:** Not Applicable; **MDL:** Method Detection Limit;

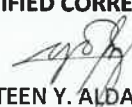
LOQ: Limit of Quantification

METHOD REFERENCE: Standard Methods for the Examination of Water and Wastewater, 23rd Edition

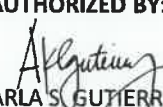
NOT VALID WITHOUT QR STAMP



CERTIFIED CORRECT BY:


KRISTEEN Y. ALDAY, RCh
Analytical Services Unit Manager
PRC License No. 0013295

AUTHORIZED BY:


ANNA KARLA S. GUTIERREZ, RMT
Laboratory Services Manager
License No. PRC 0060968

This report may not be reproduced in part or in full and may not be used for advertisement or litigation purposes without permission from Laguna AAWater Corporation. This report is certified to have passed the Laguna AAWater Corporation Quality Control procedures for reporting results of analysis

ADDRESS: 8 North Science Avenue, Laguna Technopark Inc., Brgy. Biñan (Poblacion), Biñan City, Laguna

CONTACT NO.: (049) 543-1916

WEBSITE: www.lagunawater.com.ph

CUSTOMER NAME : Laguna AAWater Corporation

ADDRESS : G/F One Evotech Bldg., Nuvali, Santa Rosa City, Laguna, Philippines

ATTENTION : N/A

SUMMARY OF LABORATORY ANALYSIS

SAMPLE CODE : S20-4245 **DATE/TIME SUBMITTED** : 06/23/2020 16:00
DATE/TIME COLLECTION : 06/23/2020 12:00 **COLLECTED BY** : Edwin O. Aguilar
NO. OF SAMPLES : 1 **TOTAL PARAMETERS TESTED** : 15
SAMPLE LOCATION : FARAON HEALTH CENTER, BRGY. SAN ANTONIO, BIÑAN CITY, LAGUNA
SAMPLE CHARACTERISTICS : 2000 mL water sample in polyethylene bottle

PARAMETER(S)	UNIT	MDL	LOQ	RESULT(S)	METHOD(S)	ANALYSIS	
						DATE	BY
pH / Temperature	-/°C	NA	NA	7.99/30.1	4500-H ⁺ . Electrometric	06/23/2020	EOA
Residual Chlorine ^A	mg/L	0.063	0.20	0.510	4500-Cl-G.DPD Colorimetric	06/23/2020	EOA
Color	ACU	2	NA	<2	2120B. Visual Comparison (Pt-Co)	06/23/2020	KAP
Taste ^A	-	NA	NA	UO	2160. Sensory	06/23/2020	KAP
Odor ^A	-	NA	NA	UO	2150. Sensory	06/23/2020	KAP
Turbidity ^A	NTU	0.115	0.365	<0.115	2130. Nephelometric	06/24/2020	KAP
Total Hardness as CaCO ₃ ^A	mg/L	0.469	1.49	175	2340C. EDTA Titrimetric	06/26/2020	KAP
Total Dissolved Solids	mg/L	4.77	12.5	303	2540C. Gravimetric, dried @ 180°C	06/23/2020	KAP
Nitrate (NO ₃ ⁻) ^A	mg/L	0.0574	0.183	0.239	4110B. Ion Chromatography with Chemical Suppression of Eluent Conductivity	06/25/2020	KAP
Chloride (Cl ⁻) ^A	mg/L	0.0372	0.119	6.69		06/25/2020	KAP
Fluoride (F ⁻) ^A	mg/L	0.0524	0.167	0.288		06/25/2020	KAP
Sulfate (SO ₄ ²⁻) ^A	mg/L	0.0567	0.181	6.03		06/25/2020	KAP
Iron (Fe) ^A	mg/L	NA	0.005	0.560	3500-Fe B. Colorimetric	06/26/2020	KYA
Manganese (Mn) ^A	mg/L	NA	0.01	0.150		06/26/2020	KYA

REMARKS: Sample collection was performed by the LWC Field analyst/technician and were analyzed as submitted.

DEVIATIONS: No deviations noted on sample collection and submission.

NOTE: ^A Method is not part of DENR-ELR Recognized Parameters

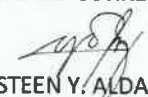
LEGEND: **ACU:** Apparent Color Unit; **NTU:** Nephelometric Turbidity Unit; **UO:** Unobjectionable; **NA:** Not Applicable; **MDL:** Method Detection Limit; **LOQ:** Limit of Quantification

METHOD REFERENCE: Standard Methods for the Examination of Water and Wastewater, 23rd Edition

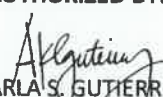
NOT VALID WITHOUT QR STAMP



CERTIFIED CORRECT BY:


KRISTEEN Y. ALDAY, RCh
Analytical Services Unit Manager
PRC License No. 0013295

AUTHORIZED BY:


ANNA KARLA S. GUTIERREZ, RMT
Laboratory Services Manager
License No. PRC 0060968

This report may not be reproduced in part or in full and may not be used for advertisement or litigation purposes without permission from Laguna AAWater Corporation. This report is certified to have passed the Laguna AAWater Corporation Quality Control procedures for reporting results of analysis

ADDRESS: 8 North Science Avenue, Laguna Technopark Inc., Brgy. Biñan (Poblacion), Biñan City, Laguna

CONTACT NO.: (049) 543-1916

WEBSITE: www.lagunawater.com.ph

CUSTOMER NAME : Laguna AAWater Corporation

ADDRESS : G/F One Evotech Bldg., Nuvali, Santa Rosa City, Laguna, Philippines

ATTENTION : N/A

SUMMARY OF LABORATORY ANALYSIS

SAMPLE CODE : S20-4248 DATE/TIME SUBMITTED : 06/23/2020 16:00
DATE/TIME COLLECTION : 06/23/2020 13:10 COLLECTED BY : Edwin O. Aguilar
NO. OF SAMPLES : 1 TOTAL PARAMETERS TESTED : 15
SAMPLE LOCATION : WATER PUMP, ALMEDA SUBDIVISION, BRGY. DELA PAZ, BIÑAN CITY, LAGUNA
SAMPLE CHARACTERISTICS : 2000 mL water sample in polyethylene bottle

PARAMETER(S)	UNIT	MDL	LOQ	RESULT(S)	METHOD(S)	ANALYSIS	
						DATE	BY
pH / Temperature	-/°C	NA	NA	7.46/29.0	4500-H ⁺ . Electrometric	06/23/2020	EOA
Residual Chlorine ^A	mg/L	0.063	0.20	0.650	4500-Cl-G.DPD Colorimetric	06/23/2020	EOA
Color	ACU	2	NA	<2	2120B. Visual Comparison (Pt-Co)	06/23/2020	KAP
Taste ^A	-	NA	NA	UO	2160. Sensory	06/23/2020	KAP
Odor ^A	-	NA	NA	UO	2150. Sensory	06/23/2020	KAP
Turbidity ^A	NTU	0.115	0.365	<0.115	2130. Nephelometric	06/24/2020	KAP
Total Hardness as CaCO ₃ ^A	mg/L	0.469	1.49	173	2340C. EDTA Titrimetric	06/26/2020	KAP
Total Dissolved Solids	mg/L	4.77	12.5	280	2540C. Gravimetric, dried @ 180°C	06/23/2020	KAP
Nitrate (NO ₃) ^A	mg/L	0.0574	0.183	0.263	4110B. Ion Chromatography with Chemical Suppression of Eluent Conductivity	06/25/2020	KAP
Chloride (Cl) ^A	mg/L	0.0372	0.119	6.74		06/25/2020	KAP
Fluoride (F) ^A	mg/L	0.0524	0.167	0.288		06/25/2020	KAP
Sulfate (SO ₄ ²⁻) ^A	mg/L	0.0567	0.181	6.02		06/25/2020	KAP
Iron (Fe) ^A	mg/L	NA	0.005	0.560	3500-Fe B. Colorimetric	06/26/2020	KYA
Manganese (Mn) ^A	mg/L	NA	0.01	0.150		06/26/2020	KYA

REMARKS: Sample collection was performed by the LWC Field analyst/technician and were analyzed as submitted.

DEVIATIONS: No deviations noted on sample collection and submission.

NOTE: A Method is not part of DENR-ELR Recognized Parameters

LEGEND: ACU: Apparent Color Unit; NTU: Nephelometric Turbidity Unit; UO: Unobjectionable; NA: Not Applicable; MDL: Method Detection Limit;

LOQ: Limit of Quantification

METHOD REFERENCE: Standard Methods for the Examination of Water and Wastewater, 23rd Edition

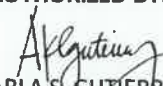
NOT VALID WITHOUT QR STAMP



CERTIFIED CORRECT BY:


KRISTEEN Y. ALDAY, RCh
Analytical Services Unit Manager
PRC License No. 0013295

AUTHORIZED BY:


ANNA KARLA S. GUTIERREZ, RMT
Laboratory Services Manager
License No. PRC 0060968

This report may not be reproduced in part or in full and may not be used for advertisement or litigation purposes without permission from Laguna AAWater Corporation. This report is certified to have passed the Laguna AAWater Corporation Quality Control procedures for reporting results of analysis

ADDRESS: 8 North Science Avenue, Laguna Technopark Inc., Brgy. Biñan (Poblacion), Biñan City, Laguna

CONTACT NO.: (049) 543-1916

WEBSITE: www.lagunawater.com.ph

CUSTOMER NAME : Laguna AAWater Corporation

ADDRESS : G/F One Evotech Bldg., Nuvali, Santa Rosa City, Laguna, Philippines

ATTENTION : N/A

SUMMARY OF LABORATORY ANALYSIS

SAMPLE CODE : S20-4249 DATE/TIME SUBMITTED : 06/23/2020 16:00
DATE/TIME COLLECTION : 06/23/2020 13:20 COLLECTED BY : Edwin O. Aguilar
NO. OF SAMPLES : 1 TOTAL PARAMETERS TESTED : 15
SAMPLE LOCATION : BARANGAY HALL, BRGY. DELA PAZ, BIÑAN CITY, LAGUNA
SAMPLE CHARACTERISTICS : 2000 mL water sample in polyethylene bottle

PARAMETER(S)	UNIT	MDL	LOQ	RESULT(S)	METHOD(S)	ANALYSIS	
						DATE	BY
pH / Temperature	-/°C	NA	NA	7.29/29.6	4500-H ⁺ . Electrometric	06/23/2020	EOA
Residual Chlorine ^A	mg/L	0.063	0.20	0.550	4500-Cl-G.DPD Colorimetric	06/23/2020	EOA
Color	ACU	2	NA	<2	2120B. Visual Comparison (Pt-Co)	06/23/2020	KAP
Taste ^A	-	NA	NA	UO	2160. Sensory	06/23/2020	KAP
Odor ^A	-	NA	NA	UO	2150. Sensory	06/23/2020	KAP
Turbidity ^A	NTU	0.115	0.365	<0.115	2130. Nephelometric	06/24/2020	KAP
Total Hardness as CaCO ₃ ^A	mg/L	0.469	1.49	180	2340C. EDTA Titrimetric	06/26/2020	KAP
Total Dissolved Solids	mg/L	4.77	12.5	327	2540C. Gravimetric, dried @ 180°C	06/23/2020	KAP
Nitrate (NO ₃) ^A	mg/L	0.0574	0.183	0.243	4110B. Ion Chromatography with Chemical Suppression of Eluent Conductivity	06/25/2020	KAP
Chloride (Cl) ^A	mg/L	0.0372	0.119	6.68		06/25/2020	KAP
Fluoride (F) ^A	mg/L	0.0524	0.167	0.289		06/25/2020	KAP
Sulfate (SO ₄ ²⁻) ^A	mg/L	0.0567	0.181	6.03		06/25/2020	KAP
Iron (Fe) ^A	mg/L	NA	0.005	0.510	3500-Fe B. Colorimetric	06/26/2020	KYA
Manganese (Mn) ^A	mg/L	NA	0.01	0.160		06/26/2020	KYA

REMARKS: Sample collection was performed by the LWC Field analyst/technician and were analyzed as submitted.

DEVIATIONS: No deviations noted on sample collection and submission.

NOTE: ^A Method is not part of DENR-ELR Recognized Parameters

LEGEND: **ACU**: Apparent Color Unit; **NTU**: Nephelometric Turbidity Unit; **UO**: Unobjectionable; **NA**: Not Applicable; **MDL**: Method Detection Limit;

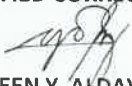
LOQ: Limit of Quantification

METHOD REFERENCE: Standard Methods for the Examination of Water and Wastewater, 23rd Edition


NOT VALID WITHOUT QR STAMP



CERTIFIED CORRECT BY:


KRISTEEN Y. ALDAY, RCh
Analytical Services Unit Manager
PRC License No. 0013295

AUTHORIZED BY:


ANNA KARLA S. GUTIERREZ, RMT
Laboratory Services Manager
License No. PRC 0060968

This report may not be reproduced in part or in full and may not be used for advertisement or litigation purposes without permission from Laguna AAWater Corporation. This report is certified to have passed the Laguna AAWater Corporation Quality Control procedures for reporting results of analysis

ADDRESS: 8 North Science Avenue, Laguna Technopark Inc., Brgy. Biñan (Poblacion), Biñan City, Laguna

CONTACT NO.: (049) 543-1916

WEBSITE: www.lagunawater.com.ph

CUSTOMER NAME : Laguna AAWater Corporation

ADDRESS : G/F One Evotech Bldg., Nuvali, Santa Rosa City, Laguna, Philippines

ATTENTION : N/A

SUMMARY OF LABORATORY ANALYSIS

SAMPLE CODE : S20-4252 DATE/TIME SUBMITTED : 06/23/2020 16:35
DATE/TIME COLLECTION : 06/23/2020 16:20 COLLECTED BY : Jill Precious Lucina
NO. OF SAMPLES : 1 TOTAL PARAMETERS TESTED : 15
SAMPLE LOCATION : DEEPWELL 20
SAMPLE CHARACTERISTICS : 2000 mL water sample in polyethylene bottle

PARAMETER(S)	UNIT	MDL	LOQ	RESULT(S)	METHOD(S)	ANALYSIS	
						DATE	BY
pH / Temperature	-/°C	NA	NA	7.01/26.0	4500-H ⁺ . Electrometric	06/24/2020	KAP
Residual Chlorine ^A	mg/L	0.063	0.20	<0.0630	4500-Cl-G.DPD Colorimetric	06/26/2020	KAP
Color	ACU	2	NA	<2	2120B. Visual Comparison (Pt-Co)	06/24/2020	KAP
Taste ^A	-	NA	NA	UO	2160. Sensory	06/23/2020	KAP
Odor ^A	-	NA	NA	UO	2150. Sensory	06/23/2020	KAP
Turbidity ^A	NTU	0.115	0.365	0.150	2130. Nephelometric	06/24/2020	KAP
Total Hardness as CaCO ₃ ^A	mg/L	0.469	1.49	180	2340C. EDTA Titrimetric	06/26/2020	KAP
Total Dissolved Solids	mg/L	4.77	12.5	270	2540C. Gravimetric, dried @ 180°C	06/25/2020	KAP
Nitrate (NO ₃ ⁻) ^A	mg/L	0.0574	0.183	2.61	4110B. Ion Chromatography with Chemical Suppression of Eluent Conductivity	06/25/2020	KAP
Chloride (Cl ⁻) ^A	mg/L	0.0372	0.119	3.60		06/25/2020	KAP
Fluoride (F ⁻) ^A	mg/L	0.0524	0.167	0.300		06/25/2020	KAP
Sulfate (SO ₄ ²⁻) ^A	mg/L	0.0567	0.181	5.46		06/25/2020	KAP
Iron (Fe) ^A	mg/L	NA	0.005	0.540	3500-Fe B. Colorimetric	06/26/2020	KYA
Manganese (Mn) ^A	mg/L	NA	0.01	0.080		06/26/2020	KYA

REMARKS: Sample collection were analyzed as submitted.

DEVIATIONS: No deviations noted on sample collection and submission.

NOTE: ^A Method is not part of DENR-ELR Recognized Parameters

LEGEND: **ACU:** Apparent Color Unit; **NTU:** Nephelometric Turbidity Unit; **UO:** Unobjectionable; **NA:** Not Applicable; **MDL:** Method Detection Limit;


LOQ: Limit of Quantification

METHOD REFERENCE: Standard Methods for the Examination of Water and Wastewater, 23rd Edition


NOT VALID WITHOUT QR STAMP



CERTIFIED CORRECT BY:


KRISTEEN Y. ALDAY, RCh
Analytical Services Unit Manager
PRC License No. 0013295

AUTHORIZED BY:


ANNA KARLA S. GUTIERREZ, RMT
Laboratory Services Manager
License No. PRC 0060968

This report may not be reproduced in part or in full and may not be used for advertisement or litigation purposes without permission from Laguna AAWater Corporation. This report is certified to have passed the Laguna AAWater Corporation Quality Control procedures for reporting results of analysis

ADDRESS: 8 North Science Avenue, Laguna Technopark Inc., Brgy. Biñan (Poblacion), Biñan City, Laguna

CONTACT NO.: (049) 543-1916

WEBSITE: www.lagunawater.com.ph

CUSTOMER NAME : Laguna AAWater Corporation

ADDRESS : G/F One Evotech Bldg., Nuvali, Santa Rosa City, Laguna, Philippines

ATTENTION : N/A

SUMMARY OF LABORATORY ANALYSIS

SAMPLE CODE : S20-4280 DATE/TIME SUBMITTED : 06/24/2020 16:02
DATE/TIME COLLECTION : 06/24/2020 13:00 COLLECTED BY : Edwin O. Aguilar
NO. OF SAMPLES : 1 TOTAL PARAMETERS TESTED : 15
SAMPLE LOCATION : DRINKING FOUNTAIN, CANLALAY ELEMENTRAY SCHOOL, BRGY. CANLALAY, BIÑAN CITY, LAGUNA
SAMPLE CHARACTERISTICS : 2000 mL water sample in polyethylene bottle

PARAMETER(S)	UNIT	MDL	LOQ	RESULT(S)	METHOD(S)	ANALYSIS	
						DATE	BY
pH / Temperature	-°C	NA	NA	7.46/29.8	4500-H ⁺ . Electrometric	06/24/2020	EOA
Residual Chlorine ^A	mg/L	0.063	0.20	0.360	4500-Cl-G.DPD Colorimetric	06/24/2020	EOA
Color	ACU	2	NA	5	2120B. Visual Comparison (Pt-Co)	06/25/2020	KAP
Taste ^A	-	NA	NA	UO	2160. Sensory	06/24/2020	KAP
Odor ^A	-	NA	NA	UO	2150. Sensory	06/24/2020	KAP
Turbidity ^A	NTU	0.115	0.365	<0.115	2130. Nephelometric	06/25/2020	KAP
Total Hardness as CaCO ₃ ^A	mg/L	0.469	1.49	178	2340C. EDTA Titrimetric	06/26/2020	KAP
Total Dissolved Solids	mg/L	4.77	12.5	320	2540C. Gravimetric, dried @ 180°C	06/26/2020	KAP
Nitrate (NO ₃) ^A	mg/L	0.0574	0.183	0.242	4110B. Ion Chromatography with Chemical Suppression of Eluent Conductivity	06/25/2020	KAP
Chloride (Cl) ^A	mg/L	0.0372	0.119	6.70		06/25/2020	KAP
Fluoride (F) ^A	mg/L	0.0524	0.167	0.288		06/25/2020	KAP
Sulfate (SO ₄ ²⁻) ^A	mg/L	0.0567	0.181	5.98		06/25/2020	KAP
Iron (Fe) ^A	mg/L	NA	0.005	0.540	3500-Fe B. Colorimetric	06/26/2020	KYA
Manganese (Mn) ^A	mg/L	NA	0.01	0.090		06/26/2020	KYA

REMARKS: Sample collection was performed by the LWC Field analyst/technician and were analyzed as submitted.

DEVIATIONS: No deviations noted on sample collection and submission.

NOTE: ^A Method is not part of DENR-ELR Recognized Parameters

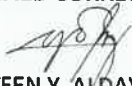
LEGEND: **ACU:** Apparent Color Unit; **NTU:** Nephelometric Turbidity Unit; **UO:** Unobjectionable; **NA:** Not Applicable; **MDL:** Method Detection Limit; **LOQ:** Limit of Quantification

METHOD REFERENCE: Standard Methods for the Examination of Water and Wastewater, 23rd Edition

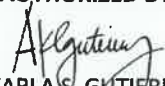
NOT VALID WITHOUT QR STAMP



CERTIFIED CORRECT BY:


KRISTEEN Y. ALDAY, RCh
Analytical Services Unit Manager
PRC License No. 0013295

AUTHORIZED BY:


ANNA KARLA S. GUTIERREZ, RMT
Laboratory Services Manager
License No. PRC 0060968

This report may not be reproduced in part or in full and may not be used for advertisement or litigation purposes without permission from Laguna AAWater Corporation. This report is certified to have passed the Laguna AAWater Corporation Quality Control procedures for reporting results of analysis

ADDRESS: 8 North Science Avenue, Laguna Technopark Inc., Brgy. Biñan (Poblacion), Biñan City, Laguna

CONTACT NO.: (049) 543-1916

WEBSITE: www.lagunawater.com.ph

CUSTOMER NAME : Laguna AAWater Corporation

ADDRESS : G/F One Evotech Bldg., Nuvali, Santa Rosa City, Laguna, Philippines

ATTENTION : N/A

SUMMARY OF LABORATORY ANALYSIS

SAMPLE CODE : S20-4281 **DATE/TIME SUBMITTED** : 06/24/2020 16:02
DATE/TIME COLLECTION : 06/24/2020 13:40 **COLLECTED BY** : Edwin O. Aguilar
NO. OF SAMPLES : 1 **TOTAL PARAMETERS TESTED** : 15
SAMPLE LOCATION : SOURCE, BRGY. SAN ANTONIO, BIÑAN CITY, LAGUNA
SAMPLE CHARACTERISTICS : 2000 mL water sample in polyethylene bottle

PARAMETER(S)	UNIT	MDL	LOQ	RESULT(S)	METHOD(S)	ANALYSIS	
						DATE	BY
pH / Temperature	-/°C	NA	NA	7.29/28.6	4500-H*. Electrometric	06/24/2020	EOA
Residual Chlorine ^A	mg/L	0.063	0.20	0.560	4500-Cl-G.DPD Colorimetric	06/24/2020	EOA
Color	ACU	2	NA	10	2120B. Visual Comparison (Pt-Co)	06/25/2020	KAP
Taste ^A	-	NA	NA	UO	2160. Sensory	06/24/2020	KAP
Odor ^A	-	NA	NA	UO	2150. Sensory	06/24/2020	KAP
Turbidity ^A	NTU	0.115	0.365	<0.115	2130. Nephelometric	06/25/2020	KAP
Total Hardness as CaCO ₃ ^A	mg/L	0.469	1.49	163	2340C. EDTA Titrimetric	06/26/2020	KAP
Total Dissolved Solids	mg/L	4.77	12.5	323	2540C. Gravimetric, dried @ 180°C	06/26/2020	KAP
Nitrate (NO ₃ ⁻) ^A	mg/L	0.0574	0.183	0.255	4110B. Ion Chromatography with Chemical Suppression of Eluent Conductivity	06/25/2020	KAP
Chloride (Cl ⁻) ^A	mg/L	0.0372	0.119	6.68		06/25/2020	KAP
Fluoride (F ⁻) ^A	mg/L	0.0524	0.167	0.288		06/25/2020	KAP
Sulfate (SO ₄ ²⁻) ^A	mg/L	0.0567	0.181	5.96		06/25/2020	KAP
Iron (Fe) ^A	mg/L	NA	0.005	0.520	3500-Fe B. Colorimetric	06/26/2020	KYA
Manganese (Mn) ^A	mg/L	NA	0.01	0.100		06/26/2020	KYA

REMARKS: Sample collection was performed by the LWC Field analyst/technician and were analyzed as submitted.

DEVIATIONS: No deviations noted on sample collection and submission.

NOTE: A Method is not part of DENR-ELR Recognized Parameters

LEGEND: **ACU:** Apparent Color Unit; **NTU:** Nephelometric Turbidity Unit; **UO:** Unobjectionable; **NA:** Not Applicable; **MDL:** Method Detection Limit;

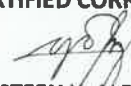
LOQ: Limit of Quantification

METHOD REFERENCE: Standard Methods for the Examination of Water and Wastewater, 23rd Edition

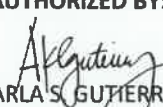
NOT VALID WITHOUT QR STAMP



CERTIFIED CORRECT BY:


KRISTEEN Y. ALDAY, RCH
Analytical Services Unit Manager
PRC License No. 0013295

AUTHORIZED BY:


ANNA KARLA S. GUTIERREZ, RMT
Laboratory Services Manager
License No. PRC 0060968

This report may not be reproduced in part or in full and may not be used for advertisement or litigation purposes without permission from Laguna AAWater Corporation. This report is certified to have passed the Laguna AAWater Corporation Quality Control procedures for reporting results of analysis

ADDRESS: 8 North Science Avenue, Laguna Technopark Inc., Brgy. Biñan (Poblacion), Biñan City, Laguna

CONTACT NO.: (049) 543-1916

WEBSITE: www.lagunawater.com.ph

CUSTOMER NAME : Laguna AAWater Corporation

ADDRESS : G/F One Evotech Bldg., Nuvali, Santa Rosa City, Laguna, Philippines

ATTENTION : N/A

SUMMARY OF LABORATORY ANALYSIS

SAMPLE CODE : S20-4282 DATE/TIME SUBMITTED : 06/24/2020 16:02
 DATE/TIME COLLECTION : 06/24/2020 14:10 COLLECTED BY : Edwin O. Aguilar
 NO. OF SAMPLES : 1 TOTAL PARAMETERS TESTED : 15
 SAMPLE LOCATION : DRINKING FOUNTAIN, SAN ANTONIO ELEMENTARY SCHOOL, BRGY. SAN ANTONIO, BINAN, LAGUNA
 SAMPLE CHARACTERISTICS : 2000 mL water sample in polyethylene bottle

PARAMETER(S)	UNIT	MDL	LOQ	RESULT(S)	METHOD(S)	ANALYSIS	
						DATE	BY
pH / Temperature	-/°C	NA	NA	7.28/28.6	4500-H ⁺ . Electrometric	06/24/2020	EOA
Residual Chlorine ^A	mg/L	0.063	0.20	0.480	4500-Cl-G.DPD Colorimetric	06/24/2020	EOA
Color	ACU	2	NA	<2	2120B. Visual Comparison (Pt-Co)	06/25/2020	KAP
Taste ^A	-	NA	NA	UO	2160. Sensory	06/24/2020	KAP
Odor ^A	-	NA	NA	UO	2150. Sensory	06/24/2020	KAP
Turbidity ^A	NTU	0.115	0.365	<0.115	2130. Nephelometric	06/25/2020	KAP
Total Hardness as CaCO ₃ ^A	mg/L	0.469	1.49	168	2340C. EDTA Titrimetric	06/26/2020	KAP
Total Dissolved Solids	mg/L	4.77	12.5	337	2540C. Gravimetric, dried @ 180°C	06/26/2020	KAP
Nitrate (NO ₃) ^A	mg/L	0.0574	0.183	0.255	4110B. Ion Chromatography with Chemical Suppression of Eluent Conductivity	06/25/2020	KAP
Chloride (Cl) ^A	mg/L	0.0372	0.119	6.68		06/25/2020	KAP
Fluoride (F) ^A	mg/L	0.0524	0.167	0.287		06/25/2020	KAP
Sulfate (SO ₄ ²⁻) ^A	mg/L	0.0567	0.181	5.96		06/25/2020	KAP
Iron (Fe) ^A	mg/L	NA	0.005	0.510		3500-Fe B. Colorimetric	06/26/2020
Manganese (Mn) ^A	mg/L	NA	0.01	0.090	06/26/2020		KYA

REMARKS: Sample collection was performed by the LWC Field analyst/technician and were analyzed as submitted.

DEVIATIONS: No deviations noted on sample collection and submission.

NOTE: ^A Method is not part of DENR-ELR Recognized Parameters

LEGEND: **ACU**: Apparent Color Unit; **NTU**: Nephelometric Turbidity Unit; **UO**: Unobjectionable; **NA**: Not Applicable; **MDL**: Method Detection Limit;

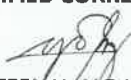
LOQ: Limit of Quantification

METHOD REFERENCE: Standard Methods for the Examination of Water and Wastewater, 23rd Edition

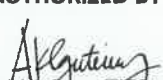
NOT VALID WITHOUT QR STAMP



CERTIFIED CORRECT BY:


KRISTEEN Y. ALDAY, RCh
Analytical Services Unit Manager
PRC License No. 0013295

AUTHORIZED BY:


ANNA KARLA S. GUTIERREZ, RMT
Laboratory Services Manager
License No. PRC 0060968

This report may not be reproduced in part or in full and may not be used for advertisement or litigation purposes without permission from Laguna AAWater Corporation. This report is certified to have passed the Laguna AAWater Corporation Quality Control procedures for reporting results of analysis

ADDRESS: 8 North Science Avenue, Laguna Technopark Inc., Brgy. Biñan (Poblacion), Biñan City, Laguna

CONTACT NO.: (049) 543-1916

WEBSITE: www.lagunawater.com.ph

CUSTOMER NAME : Laguna AAWater Corporation

ADDRESS : G/F One Evotech Bldg., Nuvali, Santa Rosa City, Laguna, Philippines

ATTENTION : N/A

SUMMARY OF LABORATORY ANALYSIS

SAMPLE CODE : S20-4283 DATE/TIME SUBMITTED : 06/24/2020 16:02
 DATE/TIME COLLECTION : 06/24/2020 14:20 COLLECTED BY : Edwin O. Aguilar
 NO. OF SAMPLES : 1 TOTAL PARAMETERS TESTED : 15
 SAMPLE LOCATION : WATER PUMP, LAGUNA FIRE STATION, BIÑAN CITY, LAGUNA
 SAMPLE CHARACTERISTICS : 2000 mL water sample in polyethylene bottle

PARAMETER(S)	UNIT	MDL	LOQ	RESULT(S)	METHOD(S)	ANALYSIS	
						DATE	BY
pH / Temperature	-/°C	NA	NA	7.41/27.8	4500-H ⁺ . Electrometric	06/24/2020	EOA
Residual Chlorine ^A	mg/L	0.063	0.20	0.600	4500-Cl-G.DPD Colorimetric	06/24/2020	EOA
Color	ACU	2	NA	<2	2120B. Visual Comparison (Pt-Co)	06/25/2020	KAP
Taste ^A	-	NA	NA	UO	2160. Sensory	06/24/2020	KAP
Odor ^A	-	NA	NA	UO	2150. Sensory	06/24/2020	KAP
Turbidity ^A	NTU	0.115	0.365	<0.115	2130. Nephelometric	06/25/2020	KAP
Total Hardness as CaCO ₃ ^A	mg/L	0.469	1.49	174	2340C. EDTA Titrimetric	06/26/2020	KAP
Total Dissolved Solids	mg/L	4.77	12.5	353	2540C. Gravimetric, dried @ 180°C	06/26/2020	KAP
Nitrate (NO ₃) ^A	mg/L	0.0574	0.183	0.253	4110B. Ion Chromatography with Chemical Suppression of Eluent Conductivity	06/25/2020	KAP
Chloride (Cl) ^A	mg/L	0.0372	0.119	6.67		06/25/2020	KAP
Fluoride (F) ^A	mg/L	0.0524	0.167	0.290		06/25/2020	KAP
Sulfate (SO ₄ ²⁻) ^A	mg/L	0.0567	0.181	5.97		06/25/2020	KAP
Iron (Fe) ^A	mg/L	NA	0.005	0.600	3500-Fe B. Colorimetric	06/26/2020	KYA
Manganese (Mn) ^A	mg/L	NA	0.01	0.080		06/26/2020	KYA

REMARKS: Sample collection was performed by the LWC Field analyst/technician and were analyzed as submitted.

DEVIATIONS: No deviations noted on sample collection and submission.

NOTE: ^A Method is not part of DENR-ELR Recognized Parameters

LEGEND: **ACU**: Apparent Color Unit; **NTU**: Nephelometric Turbidity Unit; **UO**: Unobjectionable; **NA**: Not Applicable; **MDL**: Method Detection Limit;

LOQ: Limit of Quantification

METHOD REFERENCE: Standard Methods for the Examination of Water and Wastewater, 23rd Edition

NOT VALID WITHOUT QR STAMP



CERTIFIED CORRECT BY:

Kristeen Y. Alday
KRISTEEN Y. ALDAY, RCh
Analytical Services Unit Manager
PRC License No. 0013295

AUTHORIZED BY:

Anna Karla S. Gutierrez
ANNA KARLA S. GUTIERREZ, RMT
Laboratory Services Manager
License No. PRC 0060968

This report may not be reproduced in part or in full and may not be used for advertisement or litigation purposes without permission from Laguna AAWater Corporation. This report is certified to have passed the Laguna AAWater Corporation Quality Control procedures for reporting results of analysis

ADDRESS: 8 North Science Avenue, Laguna Technopark Inc., Brgy. Biñan (Poblacion), Biñan City, Laguna

CONTACT NO.: (049) 543-1916

WEBSITE: www.lagunawater.com.ph

CUSTOMER NAME : Laguna AAWater Corporation

ADDRESS : G/F One Evotech Bldg., Nuvali, Santa Rosa City, Laguna, Philippines

ATTENTION : N/A

SUMMARY OF LABORATORY ANALYSIS

SAMPLE CODE : S20-4284 DATE/TIME SUBMITTED : 06/24/2020 16:02
DATE/TIME COLLECTION : 06/24/2020 14:50 COLLECTED BY : Edwin O. Aguilar
NO. OF SAMPLES : 1 TOTAL PARAMETERS TESTED : 15
SAMPLE LOCATION : BARANGAY HALL, BRGY. DELA PAZ, BIÑAN CITY, LAGUNA
SAMPLE CHARACTERISTICS : 2000 mL water sample in polyethylene bottle

PARAMETER(S)	UNIT	MDL	LOQ	RESULT(S)	METHOD(S)	ANALYSIS	
						DATE	BY
pH / Temperature	-/°C	NA	NA	7.36/29.0	4500-H ⁺ . Electrometric	06/24/2020	EOA
Residual Chlorine ^A	mg/L	0.063	0.20	0.500	4500-Cl-G.DPD Colorimetric	06/24/2020	EOA
Color	ACU	2	NA	<2	2120B. Visual Comparison (Pt-Co)	06/25/2020	KAP
Taste ^A	-	NA	NA	UO	2160. Sensory	06/24/2020	KAP
Odor ^A	-	NA	NA	UO	2150. Sensory	06/24/2020	KAP
Turbidity ^A	NTU	0.115	0.365	<0.115	2130. Nephelometric	06/25/2020	KAP
Total Hardness as CaCO ₃ ^A	mg/L	0.469	1.49	164	2340C. EDTA Titrimetric	06/26/2020	KAP
Total Dissolved Solids	mg/L	4.77	12.5	357	2540C. Gravimetric, dried @ 180°C	06/26/2020	KAP
Nitrate (NO ₃) ^A	mg/L	0.0574	0.183	0.261	4110B. Ion Chromatography with Chemical Suppression of Eluent Conductivity	06/25/2020	KAP
Chloride (Cl ⁻) ^A	mg/L	0.0372	0.119	6.70		06/25/2020	KAP
Fluoride (F ⁻) ^A	mg/L	0.0524	0.167	0.289		06/25/2020	KAP
Sulfate (SO ₄ ²⁻) ^A	mg/L	0.0567	0.181	6.03		06/25/2020	KAP
Iron (Fe) ^A	mg/L	NA	0.005	0.550	3500-Fe B. Colorimetric	06/26/2020	KYA
Manganese (Mn) ^A	mg/L	NA	0.01	0.150		06/26/2020	KYA

REMARKS: Sample collection was performed by the LWC Field analyst/technician and were analyzed as submitted.

DEVIATIONS: No deviations noted on sample collection and submission.

NOTE: ^AMethod is not part of DENR-ELR Recognized Parameters


LEGEND: ^{ACU}: Apparent Color Unit; ^{NTU}: Nephelometric Turbidity Unit; ^{UO}: Unobjectionable; ^{NA}: Not Applicable; ^{MDL}: Method Detection Limit; ^{LOQ}: Limit of Quantification

METHOD REFERENCE: Standard Methods for the Examination of Water and Wastewater, 23rd Edition


NOT VALID WITHOUT QR STAMP



CERTIFIED CORRECT BY:


KRISTEEN Y. ALDAY, RCh
Analytical Services Unit Manager
PRC License No. 0013295

AUTHORIZED BY:


ANNA KARLA S. GUTIERREZ, RMT
Laboratory Services Manager
License No. PRC 0060968

This report may not be reproduced in part or in full and may not be used for advertisement or litigation purposes without permission from Laguna AAWater Corporation. This report is certified to have passed the Laguna AAWater Corporation Quality Control procedures for reporting results of analysis