

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 : S20-1748 DATE/TIME SUBMITTED : 03/11/2020 15:30
 DATE/TIME COLLECTION : 03/11/2020 12:05 COLLECTED BY : Edwin O. Aguilar
 NO. OF SAMPLES : 1 TOTAL PARAMETERS TESTED : 15
 SAMPLE LOCATION : WATER PUMP, BELLAVITA HOMES SUBDIVISION, SAN PABLO, LAGUNA
 SAMPLE CHARACTERISTICS : 4000 mL water sample in polyethylene bottle

PARAMETER(S)	UNIT	MDL	LOQ	RESULT(S)	METHOD(S)	ANALYSIS	
						DATE	BY
pH / Temperature	-/°C	NA	NA	7.27 / 31.5	4500-H*. Electrometric	03/11/2020	EOA
Residual Chlorine ^A	mg/L	0.063	0.200	0.300	4500-Cl-G.DPD Colorimetric	03/11/2020	EOA
Color	ACU	2	NA	30	2120B. Visual Comparison (Pt-Co)	03/11/2020	KAP
Taste ^A	-	NA	NA	O	2160. Sensory	03/11/2020	KAP
Odor ^A	-	NA	NA	UO	2150. Sensory	03/11/2020	KAP
Turbidity ^A	NTU	0.115	0.365	1.50	2130. Nephelometric	03/11/2020	KAP
Total Hardness as CaCO ₃ ^A	mg/L	0.469	1.49	230	2340C. EDTA Titrimetric	03/13/2020	KAP
Total Dissolved Solids	mg/L	4.77	12.5	437	2540C. Gravimetric, dried @ 180°C	03/13/2020	KAP
Nitrate (NO ₃ ⁻) ^A	mg/L	0.0574	0.183	0.355	4110B. Ion Chromatography with Chemical Suppression of Eluent Conductivity	03/16/2020	KAP
Chloride (Cl ⁻) ^A	mg/L	0.0372	0.119	9.14		03/16/2020	KAP
Fluoride (F ⁻) ^A	mg/L	0.0524	0.167	0.196		03/16/2020	KAP
Sulfate (SO ₄ ²⁻) ^A	mg/L	0.0567	0.181	18.8		03/16/2020	KAP
Iron (Fe) ^A	mg/L	NA	0.005	0.100	3500-Fe B. Colorimetric	03/13/2020	KYA
Manganese (Mn) ^A	mg/L	NA	0.01	0.400		03/13/2020	KYA

REMARKS: Sample collection was performed by 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, O: 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


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ATTENTION : N/A

SUMMARY OF LABORATORY ANALYSIS

SAMPLE CODE : S20-1750 DATE/TIME SUBMITTED : 03/11/2020 15:30
 DATE/TIME COLLECTION : 03/11/2020 11:15 COLLECTED BY : Edwin O. Aguilar
 NO. OF SAMPLES : 1 TOTAL PARAMETERS TESTED : 15
 SAMPLE LOCATION : WATER PUMP AMAIA SCAPES SUBDIVISION, BRGY. SAN LUCAS, SAN PABLO CITY, LAGUNA
 SAMPLE CHARACTERISTICS : 4000 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 / 25.2	4500-H*. Electrometric	03/11/2020	EOA
Residual Chlorine ^A	mg/L	0.063	0.200	1.04	4500-Cl-G.DPD Colorimetric	03/11/2020	EOA
Color	ACU	2	NA	5	2120B. Visual Comparison (Pt-Co)	03/11/2020	KAP
Taste ^A	-	NA	NA	UO	2160. Sensory	03/11/2020	KAP
Odor ^A	-	NA	NA	UO	2150. Sensory	03/11/2020	KAP
Turbidity ^A	NTU	0.115	0.365	0.550	2130. Nephelometric	03/11/2020	KAP
Total Hardness as CaCO ₃ ^A	mg/L	0.469	1.49	154	2340C. EDTA Titrimetric	03/13/2020	KAP
Total Dissolved Solids	mg/L	4.77	12.5	257	2540C. Gravimetric, dried @ 180°C	03/13/2020	KAP
Nitrate (NO ₃ ⁻) ^A	mg/L	0.0574	0.183	4.42	4110B. Ion Chromatography with Chemical Suppression of Eluent Conductivity	03/16/2020	KAP
Chloride (Cl ⁻) ^A	mg/L	0.0372	0.119	7.12		03/16/2020	KAP
Fluoride (F ⁻) ^A	mg/L	0.0524	0.167	0.415		03/16/2020	KAP
Sulfate (SO ₄ ²⁻) ^A	mg/L	0.0567	0.181	17.2		03/16/2020	KAP
Iron (Fe) ^A	mg/L	NA	0.005	<0.005	3500-Fe B. Colorimetric	03/13/2020	KYA
Manganese (Mn) ^A	mg/L	NA	0.01	0.020		03/13/2020	KYA

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

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


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