



AMEER DIAGNOSTIC LABORATORY

A DOH ACCREDITED WATER TESTING LABORATORY

DOH Accreditation No: 03-004-16-LW-2 & 03-0028-16-PFSS-R

A. Mabini St., Mojon, Malolos City (Beside old SSS Office), Bulacan

PLDT NO.: 8934938; Globeline:305 0430; Cell. No.:0925 525 5504; 0925052505505

E-mail : ameerdl_lab@yahoo.com

PHYSICO - CHEMICAL TEST RESULT FOR DRINKING WATER

Customer's Name : GEN. MAMERTO NATIVIDAD WATER DISTRICT Date Released : August 1, 2016
 Address : GEN. NATIVIDAD, NUEVA ECIJA
 Attention : Lab. No. : ADL - 16 -330
 Sample Taken By : ROY ABELLA Sample I.D. : POBLACION
 Date of Sampling : July 12, 2016
 Date Received : July 12, 2016
 Time of Sampling : 9:00 AM
 Place of Sampling : GEN. NATIVIDAD, NUEVA ECIJA
 Source of Sample : DEEP WELL Sample Description : **CLEAR, NO SEDIMENTS**

Analyses	Method	Dates of Analyses	Results, as received	Units	PNSDW Limits*	Remarks
PHYSICAL ANALYSIS						
Turbidity	Turbidimeter (IDL = 0.02 NTU)	7/14/2016	<0.02	NTU	5	Passed
Color, True	Visual Comparison	7/14/2016	1	PCU	5	Passed
CHEMICAL ANALYSIS						
pH, Laboratory @ 25°C	Glass Electrode	7/14/2016	6.64	-----	6.5-8.5, 5-7 if purified [†]	Passed
Chloride	Argentometry	7/15/2016	22	mg/L	250	Passed
TDS	Gravimetry	7/14/2016	263	mg/L	500, <10 if purified [‡]	Passed
Nitrate	Colorimetry - Cd Reduction	7/15/2016	0.50	mg/L	50	Passed
Sulfate	Turbidimetry	7/14/2016	2.63	mg/L	250	Passed
Benzene	Qualitative	7/14/2016	ABSENCE	mg/L	0.01	Passed
METAL ANALYSIS						
Iron	AAS (MDL = 0.06 mg/L)	7/16/2016	<0.06	mg/L	1.00	Passed
Manganese	AAS (MDL = 0.03 mg/L)	7/16/2016	<0.03	mg/L	0.40	Passed
Arsenic	AAS (MDL = 0.005 mg/L)	7/16/2016	<0.005	mg/L	0.05	Passed
Cadmium	AAS (MDL = 0.003 mg/L)	7/16/2016	<0.003	mg/L	0.003	Passed
Lead	AAS (MDL = 0.0019 mg/L)	7/16/2016	<0.0019	mg/L	0.01	Passed

ND = Not Detected

References:

Standard Method for the Examination of Water and Wastewater, APHA, AWWA, WEF, 21st Edition

GBC Scientific Analytical Methods, Flame Atomic Absorption Spectrophotometry

* Department of Health A.O. No. 12 s. 2007 (Philippine National Standards for Drinking Water 2007)

* Bureau of Food & Drugs Amendment of A.O. No. 39 s. 1996 (Standard of Quality and Requirement for the Processing and Labeling of Bottled Drinking Water)

Analyzed and Checked By:

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 Address : GEN. NATIVIDAD, NUEVA ECIJA
 Attention : Lab. No. : ADL - 16 -331
 Sample Taken By : ROY ABELLA Sample I.D. : MATAAS NA KAHOY
 Date of Sampling : July 12, 2016
 Date Received : July 12, 2016
 Time of Sampling : 9:00 AM
 Place of Sampling : GEN. NATIVIDAD, NUEVA ECIJA
 Source of Sample : DEEP WELL
 Sample Description : **CLEAR, NO SEDIMENTS**

Analyses	Method	Dates of Analyses	Results, as received	Units	PNSDW Limits*	Remarks
PHYSICAL ANALYSIS						
Turbidity	Turbidimeter (IDL = 0.02 NTU)	7/14/2016	<0.02	NTU	5	Passed
Color, True	Visual Comparison	7/14/2016	<5	PCU	5	Passed
CHEMICAL ANALYSIS						
pH, Laboratory @ 25°C	Glass Electrode	7/14/2016	6.39	-----	6.5-8.5, 5-7 if purified [†]	Passed
Chloride	Argentometry	7/15/2016	26	mg/L	250	Passed
TDS	Gravimetry	7/14/2016	269	mg/L	500, <10 if purified [†]	Passed
Nitrate	Colorimetry - Cd Reduction	7/15/2016	2.17	mg/L	50	Passed
Sulfate	Turbidimetry	7/14/2016	2.31	mg/L	250	Passed
Benzene	Qualitative	7/14/2016	ABSENCE	mg/L	0.01	Passed
METAL ANALYSIS						
Iron	AAS (MDL = 0.06 mg/L)	7/16/2016	<0.06	mg/L	1.00	Passed
Manganese	AAS (MDL = 0.03 mg/L)	7/16/2016	0.063	mg/L	0.40	Passed
Arsenic	AAS (MDL = 0.005 mg/L)	7/16/2016	<0.005	mg/L	0.05	Passed
Cadmium	AAS (MDL = 0.003 mg/L)	7/16/2016	<0.003	mg/L	0.003	Passed
Lead	AAS (MDL = 0.0019 mg/L)	7/16/2016	<0.0019	mg/L	0.01	Passed

ND = Not Detected

References:

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