

REPORT NO: MTL-A21120-2014-W

DATE : 27 NOVEMBER 2014

CERTIFICATE OF ANALYSIS

CLIENT : GIONO MARKETING (M) SDN. BHD.
NO. 2, JALAN TASIK 1,
PUSAT PERNIAGAAN TASIK,
86000 KLUANG, JOHOR, MALAYSIA.

SAMPLE DESCRIPTION : ONE (1) SAMPLE OF GIONO X10 NANO NEGATIVE HYDROGEN ION ALKALINE
FILTRATION POT

SAMPLE RECEIVED : 26 NOVEMBER 2014

SAMPLE MARKING : BRAND : GIONO
MODEL : X10

TEST PARAMETER	UNIT	METHOD	RESULTS
Hydrogen	ppb	Hydrogen Meter	247

REMARK

1. The above result obtained was tested on the filtered water from Giono X10 Negative Hydrogen Ion Alkaline Filtration Pot.



Lee Tai Wai
Lab Manager
IKM No.: L/1398/4521/04

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CLIENT : GIONO MARKETING (M) SDN.BHD.
NO. 2, JALAN TASIK 1,
PUSAT PERNIAGAAN TASIK,
86000 KLUANG, JOHOR, MALAYSIA.
SAMPLE DESCRIPTION : ONE (1) SAMPLE OF DRINKING WATER
SAMPLE RECEIVED : 27 NOVEMBER 2014
SAMPLE MARKING : GIONO X10 NANO NEGATIVE HYDROGEN ION ALKALINE FILTRATION POT

TEST PARAMETER	UNIT	METHOD	WHO SPECIFICATION	RESULTS
pH Value	-	APHA 4500-H ⁺ B	6.5 – 8.5	9.5 at 25°C
Color	Hazen	HACH Method 8025	Max 15	N.D (<5)
Turbidity	NTU	In-House Method (Turbidimeter)	Max 5	0.74
Dissolved Solids	mg/l	In-House Method (TDS Meter)	Max 1000	571
Suspended Solids	mg/l	APHA 2540 D	-	N.D (<2)
Nitrate Nitrogen (NO ₃ ⁻ -N)	mg/l	HACH Method 8171	Max 11	1.0
Nitrite Nitrogen (NO ₂ ⁻ -N)	mg/l	HACH Method 8507	Max 0.9	0.009
Hardness (as CaCO ₃)	mg/l	APHA 2340 B	Max 500	35.24
Alkalinity (as CaCO ₃)	mg/l	APHA 2320 B	-	215.50
Chloride (Cl)	mg/l	HACH Method 8113	Max 250	5.3
Sulphate (SO ₄)	mg/l	HACH Method 8051	Max 500	120
Oil and Grease	mg/l	In-house method SOP-0217-2005	-	N.D (<1)
Detergent	mg/l	HACH Method 8028	-	N.D (<0.002)
Phenol	mg/l	HACH Method 8047	Max 0.2	N.D (<0.02)
Arsenic (As)	mg/l	APHA 3125 B (ICP-MS)	Max 0.01	0.001
Cadmium (Cd)	mg/l	APHA 3125 B (ICP-MS)	Max 0.003	N.D (<0.001)
Calcium (Ca)	mg/l	APHA 3125 B (ICP-MS)	Max 200	2.80
Chromium (Cr)	mg/l	APHA 3125 B (ICP-MS)	Max 0.05	N.D (<0.001)
Iron (as Fe)	mg/l	APHA 3125 B (ICP-MS)	Max 0.30	0.040
Copper (as Cu)	mg/l	APHA 3125 B (ICP-MS)	Max 2.0	0.006
Lead (Pb)	mg/l	APHA 3125 B (ICP-MS)	Max 0.01	N.D (<0.001)
Magnesium (Mg)	mg/l	APHA 3125 B (ICP-MS)	Max 150	6.86
Manganese (Mn)	mg/l	APHA 3125 B (ICP-MS)	Max 0.1	0.005
Zinc (Zn)	mg/l	APHA 3125 B (ICP-MS)	Max 5.0	0.010
Cyanide (CN)	mg/l	HACH Method 8027	Max 0.17	N.D (<0.02)
Residual Chlorine (Cl ₂)	mg/l	HACH Method 8021	Max 5	N.D (<0.02)
Coliform	MPN/100ml	APHA 9221 B	NIL	N.D
<i>Escherichia coli</i>	MPN/100ml	APHA 9221 F	NIL	N.D

REMARKS

- 1) N.D - Not Detected.
- 2) Microbiological result reported as N.D denotes <2 for Coliform and *Escherichia coli*.
- 3) The test parameters Chloride, Detergent and Phenol are not under the scope of SAMM accreditation.

Tay Siow Wei
Microbiologist

Lee Tai Wai
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IKM NO: L/1398/4521/04