



Accreditation No. 1031/47

Analysis / Test Report

Lot ID: 21109144

Date Received : Sep 10, 2021

Date Reported : Sep 23, 2021

Report Number : 2094539-1

Client : M. Water Co., Ltd.

1 Soi Vibhavadee-Rangsit 41 Yak 1, Sanambin, Donmuang, Bangkok Thailand 10210

P/O : MPO6402/00375

Project Name :

Project Location :

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Sample Number	21109144-1						
Sampled Date	Sep 01, 2021 5:51 AM						
Sample Description	Sprinkle Drinking Water on September 2021						
Date Analysis Commenced	Sep 11, 2021						
Condition of Sample	Contained in one plastic bottle (client container)						

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Iron	mg/L	0.0005	0.001	Not Detected	≤0.3	Based on APHA (2017), 3125	Bangkok
Lead	mg/L	0.00005	0.0002	<0.0002	≤0.01	Based on APHA (2017), 3125	Bangkok
Microbiological Testing							
<i>Clostridium perfringens</i>	in 100 mL	-	-	Not Detected	Not Detected	In-house method STM No. 01-012 in connection with: - APHA (2017), 9260 A,B - BAM (2001), Chapter 16	Bangkok
<i>Escherichia coli</i>	in 100 mL	-	-	Not Detected	Not Detected	APHA (2017), 9221 F	Bangkok
<i>Salmonella spp.</i>	in 100 mL	-	-	Not Detected	Not Detected	ISO 19250 (2010)	Bangkok
Standard Plate Count	CFU/mL	-	-	<1	≤500	APHA (2017), 9215 B	Bangkok
<i>Staphylococcus aureus</i>	in 100 mL	-	-	Not Detected	Not Detected	In-house method STM No. 01-054 in connection with: - APHA (2017), 9213 B - BAM (2016), Chapter 12	Bangkok
Total Coliform	MPN/100mL	-	-	<1.1	<1.1	APHA (2017), 9221 B	Bangkok
Water Testing							
Chloride as Cl	mg/L	0.06	0.2	2.7	≤250	APHA (2017), 4110 B	Bangkok
Nitrate as N	mg/L	0.06	0.2	0.3	≤4	APHA (2017), 4110 B	Bangkok
pH at 25 degree C		-	-	7.1	6.5-8.5	APHA (2017), 4500-H(B)	Bangkok
Total Dissolved solids Dried at 180 degree C	mg/L	-	5	14	≤500	Based on APHA (2017), 2540 C	Bangkok
Total Hardness as CaCO3	mg/L	0.5	1	1	≤100	APHA (2017), 2340 C	Bangkok

Guideline : Thai Industrial Standard No. 257-2549 refer to Notification of the Ministry of Industry No. 3470 (B.E. 2549).

Remark :

- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
- Analyte(s) marked * is/are not included in scope of Accreditation ISO/IEC 17025.

PASSED

dmw 24/09/21

Approved by

Siriluk P.

Siriluk Puengpang
Supervisor

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