



Accreditation No. 1031/47

Analysis / Test Report

Client : M. Water Co., Ltd.
204 Moo 3, T.Chamaep, A.Wangnoi, Phranakorn Sri Ayutthaya 13170
P/O : MPO6502/00110
Project Name :
Project Location :

Lot ID: 2294743

Date Received : Aug 03, 2022

Date Reported : Aug 15, 2022

Report Number : 2393648-1

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Sample Number 2294743-1
Sampled Date Aug 01, 2022
Sample Description น้ำดื่มสปริงเคิล ขนาด 350 ml.
(ประจำเดือน สิงหาคม 2565)
Date Analysis Commenced Aug 03, 2022
Condition of Sample Contained in eighteen plastic bottles (client container)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Iron	mg/L	0.003	0.005	0.02	≤0.3	Based on APHA (2017), 3125	Bangkok
Lead	mg/L	0.0003	0.0005	Not Detected	≤0.05	Based on APHA (2017), 3125	Bangkok
Microbiological Testing							
<i>Clostridium perfringens</i>	in 100 mL	-	-	Not Detected	No Standard	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	No Standard	APHA (2017), 9215 B	Bangkok
<i>Staphylococcus aureus</i>	CFU/100mL	-	-	<1	≤100	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	<2.2	APHA (2017), 9221 B	Bangkok
Water Testing							
Chloride as Cl	mg/L	0.06	0.2	5.0	≤250.0	APHA (2017), 4110 B	Bangkok
Nitrate as N	mg/L	0.06	0.2	Not Detected	≤4	APHA (2017), 4110 B	Bangkok
pH at 25 degree C		-	-	7.7	6.5-8.5	APHA (2017), 4500-H(B)	Bangkok
Total Dissolved solids Dried at 180 degree C	mg/L	-	5	26	No Standard	Based on APHA (2017), 2540 C	Bangkok
Total Hardness as CaCO3	mg/L	0.5	1	<1	≤100	APHA (2017), 2340 C	Bangkok

Guideline : Notification of the Ministry of Public Health No. 61 B.E. 2524 & 135 B.E. 2534 on bottled drinking water (No.2) & Pathogenic 416 B.E. 2563

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.
- The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Nattant
Approved

Approved by

Sawitree N.

Sawitree Noisangiam
Manager

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