



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: 22134193

Date Received : Nov 04, 2022

Date Reported : Nov 15, 2022

Report Number : 2482009-1

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Sample Number 22134193-1
Sampled Date Nov 04, 2022
Sample Description น้ำดื่มสปริงเคิล ขนาด 350 ml.
MFG: 01/11/22
EXP: 01/11/24
Date Analysis Commenced Nov 05, 2022
Condition of Sample Contained in nineteen plastic bottles (client container)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Iron	mg/L	0.003	0.005	Not Detected	≤0.3	Based on APHA (2017), 3125	Bangkok
Lead	mg/L	0.0003	0.0005	Not Detected	≤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>	CFU/100mL	-	-	<1	No Standard	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	0.5	≤250	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		-	-	8.0	6.5-8.5	APHA (2017), 4500-H(B)	Bangkok
Total Dissolved solids Dried at 180 degree C	mg/L	-	5	7	≤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.
- The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Approved

Pampana 16/11/2022

Approved by

Sithichok T.

Sithichok Thongnguen

Scientist (3)

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ADDRESS 104 Phatthanakan 40, Phatthanakan Rd., Khwaeng Phatthanakan, Khet Suan Luang, Bangkok 10250 Thailand | PHONE +66 0 2760 3000 | FAX +66 0 2760 3197
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