



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: 22123730
 Date Received : Oct 07, 2022
 Date Reported : Oct 19, 2022
 Report Number : 2457703-1

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Sample Number 22123730-1
Sampled Date Oct 07, 2022
Sample Description น้ำสปริงเคิล ขนาด 550 ml. MFG: 04/10/22
Date Analysis Commenced Oct 08, 2022
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 | 0.003 | 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 | 0.6 | ≤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 | - | - | - | 6.9 | 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.
- The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

11/10/22
20/10/22
 Approved.

Approved by

Tuanjai Thangklang
 Manager

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