



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: 22110289
Date Received : Sep 06, 2022
Date Reported : Sep 16, 2022
Report Number : 2425494-1

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Sample Number 22110289-1
Sampled Date Aug 27, 2022 1:20 PM
Sample Description น้ำดื่มสปริงเคิล ขนาด 18.9 ลิตร (ประจำเดือน กันยายน 2565)
Date Analysis Commenced Sep 06, 2022
Condition of Sample Contained in four plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

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	0.8	≤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	-	-	-	7.6	6.5-8.5	APHA (2017), 4500-H(B)	Bangkok
Total Dissolved solids Dried at 180 degree C	mg/L	-	5	11	≤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).

Sampled By : Teerawat Puangsuk

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.
Approve.

Approved by

Sawitree N.

Sawitree Noisangiam
Manager

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

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