

The results are certified only on the tested sample as indicated in this report.
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TESTING
No.0111

Number: FS2121772S1

Date: Aug 04, 2021

Test Report

Applicant: M Water Co., Ltd.
1 Vibhavadee-Rangsit Soi 41 Yak 1, Kwaeng Sanambin,
Khet Donmuang, Bangkok 10210 Thailand

Sample Description: Sprinkle Drinking Water on July 2021
Sample No.: 2121772
Sample Quantity: 5 bottles
Sample Condition: Sample is contained in plastic bottle with tightly sealed.
Date Received: July 23, 2021
Date Commenced: July 24, 2021

PASSED

04/08/21

Test Conducted: As Requested by the applicant,

Test Items	Method	LOD	Specification	Results	Units
1. pH*	In-house method: TM-PM-109 based on Standard Method for the Examination of Water and Wastewater APHA, AWWA & WEF., 23 rd ed., 2017. part 4500-H*B	-	6.5-8.5	7.8	-
2. Total Hardness* (as CaCO ₃)	In-house method : TM-PM-086 based on Standard Method for the Examination of Water and Wastewater APHA, AWWA & WEF., 23 rd ed., 2017. part 2340C	5	≤100	<10	mg/L
3. Chloride (as Chlorine)*	In-house method : TM-PM-111 based on Standard Method for the Examination of Water and Wastewater APHA,AWWA & WEF., 23 rd ed., 2017. part 4500-Cl B	10	≤250	<30	mg/L
4. Iron (Fe)*	In-house method : TM-HM-074 based on Standard Method for the Examination of Water and Wastewater APHA, AWWA & WEF, 23 rd ed., 2017, part 3125 B	0.003	≤0.3	Not detected	mg/L
5. Lead (Pb)*	In-house method : TM-HM-074 based on Standard Method for the Examination of Water and Wastewater APHA, AWWA & WEF, 23 rd ed., 2017, part 3125 B	0.003	≤0.01	Not detected	mg/L
6. Nitrate (as Nitrogen)*	In-house method : TM-PM-114 based on Standard Method for the Examination of Water and Wastewater APHA,AWWA & WEF., 23 rd ed., 2017. part 4500- NO ₃ ⁻ A, B	0.05	≤4.0	<0.15	mg/L
7. Total Dissolved Solid	In-house method : TM-PM-140 based on Standard Methods for the Examination of Water and Wastewater APHA, AWWA & WEF, 23 rd ed., 2017, part 2540 C	-	≤500	14	mg/L
8. Coliforms*	Standard Methods for the Examination of Water and Wastewater APHA, AWWA & WEF, 23 rd ed., 2017, part 9221 B	-	<1.1	<1.1	MPN/100ml
9. <i>Escherichia coli</i> *	Standard Methods for the Examination of Water and Wastewater APHA, AWWA & WEF, 23 rd ed., 2017, part 9221 G	-	Not detected	Not detected	per 100 ml
10. <i>Clostridium perfringens</i> *	In-house method: TM-MIC-014 based on ISO 6461-2:1986	-	Not detected	Not detected	per 100 ml
11. <i>Salmonella</i> spp.*	ISO 19250:2010 (E)	-	Not detected	Not detected	per 100 ml
12. <i>Staphylococcus aureus</i> *	In-house method : TM-MIC-013 based on Standard Methods for the Examination of Water and Wastewater APHA, AWWA & WEF, 23 rd ed., 2017, part 9213 B	-	Not detected	Not detected	per 100 ml
13. Total Plate Count*	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23 rd ed., 2017, part 9215 B	-	<500	<1	CFU/ml



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Remark: The reference of specification as show on the report based on Thai industrial standard (TIS257/2549 – Type 1)
And Notification of the Ministry of public Health No. 135 B.E.2534 & No. 61 B.E.2524

LOD = Limit of detection
< = Less than
≤ = Less than or equal

"Test(s) marked * on this report are accredited in the ISO/IEC 17025 accreditation scope"

This report superseded the previous report FS2121772 Date Aug 03, 2021

***** E N D *****HR

Authorized by:
For Intertek Testing Services (Thailand) Ltd.

Sujiraphat Tubjai
Laboratory Manager
Food Services

PASSED

04/08/21