

The results are certified only on the tested sample as indicated in this report.
The report shall not be reproduced without written approval from Intertek.
Attention is drawn to the Terms and Conditions for Inspection printed overleaf.

TESTING
No.0111

Test Report

Number: FS2136176

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

Date: Dec 07, 2021

Sample Description: Sprinkle drinking Water on November 2021
Sample No.: 2136176
Sample Quantity: 5 bottles
Sample Condition: Sample is contained in plastic bottle with tightly sealed.
Date Received: November 29, 2021
Date Commenced: November 29, 2021

Test Conducted: As Requested by the applicant,

<u>Test Items</u>	<u>Method</u>	<u>LOD</u>	<u>Specification</u>	<u>Results</u>	<u>Units</u>
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	6.6	-
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	Not detected	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	Not detected	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	Not detected	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	37	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



The results are certified only on the tested sample as indicated in this report.
The report shall not be reproduced without written approval from Intertek.
Attention is drawn to the Terms and Conditions for Inspection printed overleaf.

TESTING
No.0111

Number: FS2136176

Test Report

Test Conducted: As Requested by the applicant,

<u>Test Items</u>	<u>Method</u>	<u>Specification</u>	<u>Results</u>	<u>Units</u>
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

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"

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

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



Sujiraphat Tubjai
Laboratory Manager
Food Services

