



## DETAILED ANALYSIS REPORT

Sample No : FD-2022-271873

5 Gallon Routine Checking

Request No : FD-22-2303

## SAMPLE INFORMATION

Sample Description : Drinking Water

Brand Name : MAI DUBAI

Lic./ Source : 680627 - MAI DUBAI LLC

Origin : United Arab Emirates

Emirate : DUBAI

Wt. / Vol : 5.00 Galon

Inspector : N/A

Packaging : PLASTIC

Submit Date : 09/08/2022

Condition : AMP

Prod. Date : 03/08/2022

Batch No : N/A

Expiry Date : 03/11/2022

## PHYSICAL PROPERTIES

Label : Satisfactory

Colour : Normal

Odour : Normal

Taste : Not Applicable

Texture : Characteristic

Test Result : Satisfactory

## MICROBIOLOGICAL &amp; MOLECULAR ANALYSIS

Analysis Start Date 10/08/2022

Analysis End Date 11/08/2022

PARAMETER	TEST METHOD	UNIT	DETECTION LIMIT	RESULTS
Escherichia coli	SOP M/06A	/100 mL		Not Detected
Coliforms	SOP M/06A	/100 mL		Not Detected
Pseudomonas aeruginosa	* SOP M/07A	/250 mL		Not Detected

## CHEMICAL ANALYSIS

Analysis Start Date 10/08/2022

Analysis End Date 17/08/2022

PARAMETER	TEST METHOD	UNIT	DETECTION LIMIT	RESULTS
pH	SOP/CFL/01			7.5
TDS	SOP CFL/ 02	mg/L		180.6
Total Chloride	* SOP C/02	mg/L	3.5	53.2
Total Hardness as CaCO <sub>3</sub>	* SOP C/03	mg/L	2.0	94.0
Na	* ICP-OES/ SOP C/ 22	mg/L	0.30	2.54
Mg	* ICP-OES/ SOP C/ 22	mg/L	0.30	9.77
K	* ICP-OES/ SOP C/ 22	mg/L	0.30	2.67
Ca	* ICP-OES/ SOP C/ 22	mg/L	0.30	19.32
Zn	* ICP-OES/ SOP C/ 22	mg/L	0.01	<0.01
Pb	* ICP-OES/ SOP C/ 22	mg/L	0.01	<0.01
Cu	* ICP-OES/ SOP C/ 22	mg/L	0.01	<0.01
Fe	* ICP-OES/ SOP C/ 22	mg/L	0.30	<0.30
Mn	* ICP-OES/ SOP C/ 22	mg/L	0.01	<0.01

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**CHEMICAL ANALYSIS**

Analysis Start Date 10/08/2022

Analysis End Date 17/08/2022

PARAMETER	TEST METHOD	UNIT	DETECTION LIMIT	RESULTS
Bromate (BrO <sub>3</sub> )	* IC /SOP C /21	µg/L	10.0	<10.0

**Comments****Conclusion** **Investigated parameters are compliant with UAE standards**

Disclaimer 1 : \* marks the UKAS accredited tests.

Disclaimer 2 : The above comment is based on the overall test results and are not part of the UKAS accreditation.

Disclaimer 3 : The analysis report pertains only to the sample submitted to the laboratory.

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Approval Date: 18/08/2022

