



STC Test Report

Date : 2010-08-12
No. : HC262484

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- Applicant (Code: MAT020) :** Mayu Technology Group Co Ltd
Unit 2401 Park-in Comm Ctr
56 Dundas St
Mongkok Kln HK
- Description of Sample(s) :** One submitted sample said to be Filtered Water¹ (After filter by AOK Alkaline Water Ionizer).
Item No.: AOK-909
Country of Origin : China
- Date Sample(s) Received :** 2010-06-18
- Date Tested :** 2010-06-18 to 2010-06-29
- Investigation Requested :** Refer to the next page.
- Conclusion(s) :** The test results of the water after filtered by AOK Alkaline Water Ionizer **complied** with the World Health Organization (WHO) Guidelines for Drinking-water Quality.
- Remark(s) :** ¹Water sample preparation:
A bulk volume of tap water was obtained from HKSTC building. The inlet tube of the submitted AOK Alkaline Water Ionizer was connected to the tap water. A suction flask with connecting to a vacuum pump was connected to the outlet of the AOK Alkaline Water Ionizer. The suction was applied to draw the tap water from the inlet through the filtering system of the sample. The first 500ml collected water sample was discarded. The further filtered water sample was then collected and was taken to be used as filtered water sample.



LAU Yuk Kuen, Joey
Authorized Signatory
Chemical and Food Department
For and on behalf of

The Hong Kong Standards and Testing Centre Ltd

The Hong Kong Standards and Testing Centre Ltd.

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Investigation Requested:

1. Coliform organisms
2. Count of Escherichia coli
3. Aluminium content
4. Barium content
5. Chromium content
6. Copper content
7. Iron content
8. Lead content
9. Manganese content
10. Mercury content
11. Molybdenum content
12. Nickel content
13. Selenium content
14. Sodium content
15. Zinc content
16. Chloride content
17. Nitrate content
18. Nitrite content

Method(s) Used:

- 1-2 : Ref. APHA 20ed 9222
3-15 : Ref. APHA 20ed 3120 B and 3125 B
16. Ref. APHA 20th Ed 4500-Cl⁻ B
17-18 : HACH Colorimetric Method

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Test Result(s):

Test item(s)	Filtered Water (After filter by AOK Alkaline Water Ionizer)	WHO Guidelines#
1. Coliform organisms	0/100ml	0/100ml
2. Count of Escherichia coli	0/100ml	0/100ml
3. Aluminium content	<0.1 mg/L	<0.2 mg/L
4. Barium content	0.03 mg/L	<0.7 mg/L
5. Chromium content	<0.01 mg/L	<0.05 mg/L
6. Copper content	<0.01 mg/L	<1 mg/L
7. Iron content	0.01 mg/L	<0.3 mg/L
8. Lead content	<0.01 mg/L	<0.01 mg/L
9. Manganese content	<0.01 mg/L	<0.5 mg/L
10. Mercury content	<0.001 mg/L	<0.001 mg/L
11. Molybdenum content	<0.01 mg/L	<0.07 mg/L
12. Nickel content	<0.01 mg/L	<0.02 mg/L
13. Selenium content	<0.01 mg/L	<0.01 mg/L
14. Sodium content	59 mg/L	<200 mg/L
15. Zinc content	2.3 mg/L	<3 mg/L
16. Chloride content	56 mg/L	<250 mg/L
17. Nitrate content	<5 mg/L	<50 mg/L
18. Nitrite content	<0.05 mg/L	<3 mg/L

Guidelines for Drinking-water Quality, Third Edition Incorporating The First and Second Addenda, Volume 1 Recommendations, World Health Organization (WHO) Geneva 2008.

Notes: < denotes less than
mg/L denotes milligram per Liter

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Photo(s):



******* End of Test Report *******

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