



Test Report

No. 10302676/13

Date: 11 December 2013

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Alfrex Water Purifier Specialist Pte Ltd
No.1 Bukit Batok Crescent
#03-24 WCEGA Plaza
Singapore 658064

The following sample was submitted and identified by the client as:

Description : 1) CUZCO Platinum Water Filtration System

Sample Receiving Date : 03 December 2013
Date of Test/s Performed : 04 December 2013

Test Results : Please refer to next page(s)

Conclusion : Based solely on the attached chemical and physical analysis, we are of the opinion that the sample **complies with** WHO Guideline values for Drinking Water (2011).

Signed for and on behalf of
SGS Testing & Control Services Singapore Pte Ltd

Y C Tham (Ms)
Laboratory Manager

Test Location : 3 Toh Tuck Link, #01-02, Singapore 596228

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Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Test Results:

Test	Method	Results	WHO Guideline Values (2011)
		(1)	
Chemical & Physical Analysis:			
Colour (Hazen Unit)	APHA		
Colour (Hazen Unit)	2120B	< 5.0	15
Turbidity (NTU)	2130B	0.2	5
pH	4500-HB	7.5	No guideline value
Taste	-	Unobjectionable	Unobjectionable
Odour	-	Unobjectionable	Unobjectionable
Nitrate (NO ₃ ⁻), mg/L	4110B	2.9	50
Fluoride (F ⁻), mg/L	4110B	0.4	1.5
Total Dissolved Solids, mg/L	2540C	75.0	1000
Total Alkalinity (as CaCO ₃), mg/L	2320B	19.7	No guideline value
Total Hardness (as CaCO ₃), mg/L	2340C	66.7	No guideline value
Chloride (Cl ⁻), mg/L	4110B	13.7	250
Sulphate (SO ₄ ²⁻), mg/L	4110B	16.1	250
Phosphate (PO ₄ ²⁻), mg/L	4110B	< 0.1	No guideline value
Silica (SiO ₂), mg/L	3120B	5.7	No guideline value
Iron (Fe), mg/L	3120B	<0.01	0.3
Manganese (Mn), mg/L	3120B	< 0.05	0.4
Copper (Cu), mg/L	3120B	<0.01	2
Aluminium (Al), mg/L	3120B	< 0.1	0.2
Residual Chlorine (as Cl, Total), mg/L	Lovibond	< 0.1	5.0
Bacteriological Characteristics:			
E.Coli, cfu/100mL (35 °C/24hrs)	9222G	<1	< 1

Samples Container Description:

Sample was received in sterile and non-sealed glass bottle which was delivered by the client and tested as it was.

*****End of report*****

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