

AlFrex Water Purifier Specialist Pte Ltd  
5 Soon Lee Street  
#04-11 Pioneer Point  
Singapore 627607

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

Sample Name : (1) Cuzco Platinum Water Filtration System

Sample Receiving Date : 08 April 2016

Date of Test/s Performed : 11 April 2016

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:**

<u>Test</u>	<u>Method APHA</u>	<u>Results</u>	<u>WHO Guideline Values (2011)</u>
		(1)	
<u>Chemical &amp; Physical Analysis:</u>	APHA-2012		
Colour (Hazen Unit)	2120B	<2.5	15
Turbidity (NTU)	2130B	0.2	5
pH @ 25.0°C	4500-HB	9.1	No guideline value
Taste	-	Unobjectionable	Unobjectionable
Odour	-	Unobjectionable	Unobjectionable
Fluoride (F <sup>-</sup> ), mg/L	4110B	0.5	1.5
Nitrate (NO <sub>3</sub> <sup>-</sup> ), mg/L	4110B	0.4	50
Total Dissolved Solids, mg/L	2540C	135.0	1000
Total Alkalinity (as CaCO <sub>3</sub> ), mg/L	2320B	56.8	No guideline value
Total Hardness (as CaCO <sub>3</sub> ), mg/L	2340C	60.0	No guideline value
Chloride (Cl <sup>-</sup> ), mg/L	4110B	34.0	250
Sulphate (SO <sub>4</sub> <sup>2-</sup> ), mg/L	4110B	20.3	250
Phosphate (PO <sub>4</sub> <sup>2-</sup> ), mg/L	4110B	0.4	No guideline value
Silica (SiO <sub>2</sub> ), mg/L	3120B	2.1	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
<u>*Bacteriological Characteristics:</u>			
E.Coli, cfu/100mL (35°C/24hrs)	9222G	< 1	< 1

\* Tested by a non-SGS lab (Ref: FB114079)

Samples Container Description:

Sample was received in sterile and non-sealed glass bottle which was collected from the client premise and tested as it is.

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

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

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