



**Government of Pakistan**  
**Ministry of Science & Technology**  
**Pakistan Council of Research in Water Resources (PCRWR)**

**WATER QUALITY TEST REPORT**

<b>Client Sample ID</b>	<b>De Humidified Water Sample</b>	<b>Lab Entry No.</b>	<b>WQL/KHI/329/8/18</b>		
<b>Client Name &amp; Address</b>	<b>M/S Sawayra</b>	<b>Receiving Date</b>	<b>15.08-18</b>	<b>Reporting Date</b>	<b>17.08.18</b>

Sr. #	Water Quality Parameter	Reference Method	Max. Permissible Limits	Results
1.	Color	Sensory evaluation	Colorless	Colorless
2.	Odor	Sensory evaluation	Un-objectionable	Un-Objectionable
3.	Taste	Sensory evaluation	Un-objectionable	Un-Objectionable
4.	Alkalinity (m.mol/l)	APHA	NGVS	0.2
5.	Bicarbonate (mg/l)	APHA	NGVS	10
6.	Calcium (mg/l)	APHA	200	4
7.	Carbonate (mg/l)	APHA	NGVS	Nil
8.	Turbidity (NTU)	APHA	<5	0.94
9.	Chloride (mg/l)	APHA	250	BDL
10.	Conductivity (micro-S/cm)	APHA	NGVS	39
11.	Hardness as Ca CO <sub>3</sub> (mg/l)	APHA	500	15
12.	Magnesium (mg/l)	APHA	150	1.2
13.	pH	APHA	6.5-8.5	8.13
14.	Potassium (mg/l)	APHA	12 (E.C)	BDL
15.	Sodium (mg/l)	APHA	200	2
16.	Sulfate (mg/l)	APHA	250	2
17.	TDS (mg/l)	APHA	<1000	25
18.	Nitrate (mg/l)	APHA	10	0.732
19.	Fluoride (mg/l)	APHA	1.5	BDL
20.	Iron (mg/l)	APHA	0.3	BDL
21.	Arsenic (ppb)	Merck 1.17927	10	0
22.	Total Coliform (cfu/ml)	3M Petrifilm	0	0
23.	E- Coli (cfu/ml)	3M Petrifilm	0	0

NGVS No Guideline Value Set WHO World Health Organization APHA American Public Health Association  
EC European Community PSQCA Pakistan Standards & Quality Control Authority, BDL Below Detection Limit

**Note:** The sample is provided by the client and this report is valid only for the sample provided.

**Remarks:** Total Minerals/Dissolved solids found too low for safe drinking water.

**Terms and Conditions**

- The results of the laboratory analysis reported by PCRWR are verified as accurate & authentic only for the parameters tested.
- Analysis report is not valid for court use or business publicity. In case of any dispute in connection with authenticity of the report, the laboratory record of the analysis will be considered final.
- PCRWR does not accept any responsibility regarding accuracy of sample collection procedures if collected by the client.
- PCRWR will not be responsible for loss or damage to samples in its possession for reasons beyond its control.
- PCRWR reserves the rights to accept or reject samples for analysis without assigning any reason.
- Water Quality Parameters exceeding the guideline values are highlighted

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