

# Environmental Monitoring Service

Testing and research laboratory for water, soil and food products  
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## Test Report

Customer name: Basic Water  
Needs India  
Nature of sample: Candle  
Sample ID: Mentioned Below

Sample received: 10/07/13  
Analysis completed: 11/07/13  
Sample collected: by customer  
Lab ID: 287

### Objective:

To examine the change of water chemistry after passing water through the Tulip candle filters.

### Procedure:

Two Tulip candle filters were marked N1 and N2 were fixed in the bucket and tap water was passed. After filtration water was collected immediately, after passing 20 liters and 35 liters. Different water parameter was analyzed.

#### Samples taken immediately

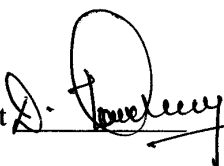
Sl.No	Parameters	Tap water	Filter 1	Filter 2
1	pH	6.8	9.4	9.3
2	Color, HU	< 5	< 5	< 5
3	Turbidity, NTU	0.5	13	6.2
4	Total hardness, mg/l	86	83	132
5	Chloride, mg/l	14	82	96
6	Total Dissolved Solids, mg/l	145	620	659

#### Samples after 20 litres of water

Sl.No	Parameters	Raw water	Filter 1	Filter 2
1	pH	6.6	7.4	7.5
2	Color, HU	< 5	< 5	< 5
3	Turbidity, NTU	0.2	0.2	0.2
4	Total hardness, mg/l	88	98	98
5	Chloride, mg/l	19	19	20
6	Total Dissolved Solids, mg/l	145	161	161

#### Samples after 35 litres of water

Sl.No	Parameters	Raw water	Filter 1	Filter 2
1	Total Dissolved Solids, mg/l	145	145	145

Analyst 

Lab executive 