

# Environmental Monitoring Service

Testing and research laboratory for water, soil and food products

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## Test Report

Customer name: Rama Pure Water

Pvt Ltd

Nature of sample: Black candle

Sample ID: Phoenix Carbon filters

Sample received: 06/08/2020

Analysis completed: 11/08/2020

Sample collected: by customer

Lab ID: 200/2

**Work done:** Stabilized tap water having pH 6.4 and TDS 174 was spiked with 2 ppm chlorine, 2 ppm lead, E.coli and MS2 culture has passed through the candle having flow rate 16.0 L/hr., effluent collected and test for removal rate.

S.No.	Parameters	Units	Results	% of Removal	Method of testing
1.	Free Chlorine (as Cl-)	mg/l	< 0.1	99.9	4500-Cl.G.2 APHA 23 <sup>rd</sup> 2017
2.	Lead (as Pb)	mg/l	< 0.1	99.9	3110 B, APHA 23 <sup>rd</sup> 2017

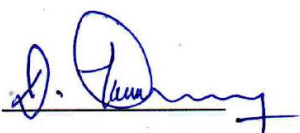
### Method of testing:

E.coli tested as per IS-15185:2002/ISO -9308-1:2000

MS2 tested as per Method EPA: 1602 Coliphage in water by single agar layer

S. No	Sample ID	E.coli		MS2 Phage	
		CFU/100 ml	% of Removal	PFU/100 ml	% of Removal
1	Control	4 800 000	-	1 130 000	-
2	Sample	0	100	310	99.97

Analyst



Lab executive

