

TEST REPORT

Issued to: DR GANDHINAGAR

Date: 15-07-2023

Sample details: WATER ANALYSIS

Test required : Particle size  
Date of receive of sample : 14-07-2023  
Date of starting of analysis : 14-07-2023  
Date of completion of analysis : 15-07-2023

TEST RESULTS

REPORT NO	SAMPLE NAME	PARTICULATE MATTER BY LBPC	AVERAGE CUMULATIVE COUNTS
ACPLDH230714002	Before water	2 Micron particles	9,846.6700 $\mu\text{m}$
ACPLDH230714003	After water	2 Micron particles	1,542.0000 $\mu\text{m}$

(This report pertains to the sample submitted)

Comments:

- > The average particle size of water before treatment as Before water is 9,846.6700  $\mu\text{m}$ , This water if used may form scales in the inner walls of the water pipe lines which may lead to reduction in area of cross section of water pipe there by reducing the water flow. This may increase the power consumption for pumping water and further more reduces the life of pipe lines. Whereas the particle size of water sample after treatment as After water is 1,542.0000  $\mu\text{m}$  This water will reduce the scaling problem can improve life of water pipes and reduce power consumption in comparison to ultered water.

From Accuspectra analytical lab



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15/07/23  
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(Authorized signature)