

TEST REPORT

Test Report Issued To:

LEARNERS CORPORATION

VILLAGE-RAMPUR, JAMALPUR, BIHAR, INDIA, 811214,

Test Report No: D200908010/D200908010-10

Date of Issue: 28-Sep-2020



Sample Booking/Receipt Date: 08-Sep-2020

Date of Start of Testing: 08-Sep-2020

Date of Completion of Test: 28-Sep-2020

Customer Relationship Number

60882

Sample Description :

POLYSULFONE COATED ULTRAFILTRATION CANDLE



Customer Reference No

Kind Attention : MR.KUNAL KISHOR

E-Mail: support@impure.in

Contact No: 8210005105

Sample Condition : GOOD

Sample Quantity (Approx) : -

Sample Size (Approx) : -

SAMPLE NOT DRAWN BY OUR LABORATORY. THE RESULTS RELATE ONLY TO THE ITEMS TESTED

Report Issued By

Authenticity of report can be verified by mail at verification@spectrolab.in

This is a Digitally Signed Report and hence doesn't require Physical Signature.

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ID-D200908010-1

Microbiological Testing

ANALYSIS REPORT (POLYSULFONE COATED ULTRAFILTRATION CANDLE)

Challenge Organisms: E.coli

Test Procedure: Challenge organism E.coli is inoculated in nutrient broth and incubated at 37°C for 24 hours, calculate the cfu/ml by the pour plate technique.

10 liter tap water is sterilized at 121°C/20 minute after cool down tap water, E.coli suspension culture is inoculated as 3.15×10^5 cfu/ml in 10 liter sterilized tap water (synthetic inlet water).

Synthetic inlet water passed through the polysulfone coated ultrafiltration candle, collect the outlet water in sterilized glass bottles and perform the E.coli test by filtration technique.

2 liter purified water sample is contaminated with 25 NTU of Turbidity solution and passed through the polysulfone coated ultrafiltration candle, collect the outlet water in clean glass bottles and check the turbidity in outlet sample.

S. No	TEST PARAMETERS	RESULT			REQUIREMENT	METHOD
		SYNTHETIC INLET	PURIFIED WATER	% Reduction		
1	E.coli/100ml	3.15×10^5 cfu/ml	<1 cfu/ml	99.99%	Absent	IS:15185: 2016
2	Turbidity, NTU	25	< 1.0	Not Applicable	5	IS-3025 (Pt-10): 1984

-- End of Test Report --

Rity Tiwari
Analyst Signature



Authorised Signatory