

Reference Document for Test Data (Non-Formal Report)

Part 1-Basic Information

Issued Date: June 29, 2026

Name: Straw Filter

Model: /, 1 unit

Manufacturer Information: CONFIDENTIAL

Test basis: "Version A1-Test Standard for Melt-Blown & String Wound Filter Cartridges"

"NSF/ANSI 42-2022 Drinking Water Treatment Units-Aesthetic Effects" 7.4

Test item: Nominal particulate reduction

Part 2-Test Equipment

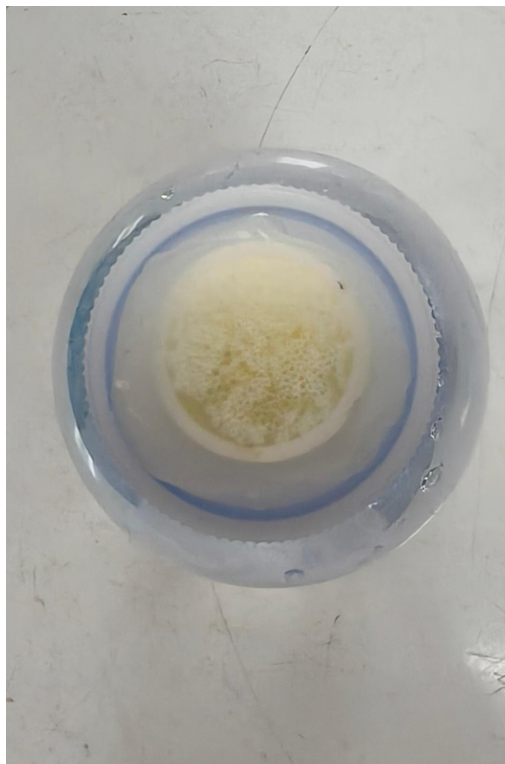
Equipment 1	Thermocouple Thermometer	Equipment Purpose	Water Temperature Measurement
Equipment 2	Turbidimeter	Equipment Purpose	Turbidity Measurement
Equipment 3	Particle Counter	Equipment Purpose	Particle Concentration Measurement
Condition of experiment	Environmental temperature: 26°C; Environmental humidity: 45%RH Influent type: synthetic water; Influent temperature: 24.9°C Influent turbidity: 2.25NTU (A2 Dust)		

Part 3-Test Result

Sample Number	Influent Particle Concentration	Effluent Particle Concentration	Nominal particulate reduction(%)	Remarks
Straw filter-01	15320.0	1662.0	89.1	0.5μm
Straw filter-01	13145.0	1412.0	89.2	1.0μm

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Part 4-Figure Page



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