RICCA CHEMICAL COMPANY®

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Product Specification

Turbidity Standard, Primary Standard Stock Formazin Suspension, 4000 NTU

Lot Number: SAMPLE **Product Number:** 8830

Manufacture Date: N/A
Expiration Date: N/A

Ready to use. Do NOT agitate. Pour gently into cuvette avoiding bubbles which will interfere with Turbidity readings.
There is no NIST Standard Reference Material for Turbidity. This solution is traceable to commercially prepared EPA recognized Primary Standards. The EPA primary standard for turbidity (Formazin suspension, 4000 NTU) is identical to EP Primary Opalescent Suspension and USP Formazin Stock Suspension.

Name	CAS#	Grade
Water	7732-18-5	ACS/ASTM/USP/EP
Hexamethylenetetramine	100-97-0	ACS
Hydrazine Sulfate	10034-93-2	ACS

Test	Specification	Result
Appearance	Milky white suspension	N/A
Turbidity	3800-4200 NTU	N/A

Specification	Reference
Stock primary standard formazin suspension	APHA (2130 B)
Primary Opalescent Suspension	USP (N/A)
Primary opalescent suspension	EP (2.2.1)

Volumetric glassware complies with Class A tolerance requirements of ASTM E 288 and NIST Circular 434; it is calibrated before first use and recalibrated regularly in accordance with ASTM E 542 and NIST Procedure NBSIR 74-461. Balances are calibrated regularly with weights certified traceable to the NIST national mass standard. Thermometers and temperature probes are calibrated before first use and recalibrated regularly with a thermometer traceable to NIST standards. All products are prepared according to master documents that assure manufacture according to validated methods. Batch records document raw material traceability and production and testing history for each lot manufactured.

Part Number	Size / Package Type	Shelf Life (Unopened Container)
8830-1	4 L amber glass	12 months
8830-16	500 mL amber glass	12 months
8830-32	1 L amber glass	12 months
8830-4	120 mL amber glass	12 months
8830-8	250 mL amber glass	12 months

Recommended Storage: 15°C - 30°C (59°F - 86°F)

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