RICCA CHEMICAL COMPANY®

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Certificate of Analysis

DPD Indicator Solution, for Residual Chlorine Analysis

Lot Number: 46090473 **Product Number:** 2655

Manufacture Date: SEP 04, 2026
Expiration Date: MAY 2027

Name	CAS#	Grade
Water	7732-18-5	ACS/ASTM/USP/EP
Sulfuric Acid	7664-93-9	ACS
N,N-Diethyl-1,4-phenylenediamine Sulfate	6283-63-2	Reagent
Ethylenediaminetetraacetic Acid (EDTA), Disodium Salt, Dihydrate	6381-92-6	ACS

Test	Specification	Result
Appearance	Colorless to slightly pink liquid	Passed
Suitability for Use	Pink to red color in the presence of Chlorine	Passed

Specification	Reference
N,N-Diethyl-p-phenylenediamine (DPD) Indicator Solution	APHA (4500-ClO2 D)
N,N-Diethyl-p-phenylenediamine (DPD) Indicator Solution	APHA (4500-Cl F)
N,N-Diethyl-p-phenylenediamine (DPD) Indicator Solution	APHA (4500-Cl G)
N,N-Diethyl-p-phenylenediamine (DPD) Indicator Solution	EPA (330.4)
N,N-Diethyl-p-phenylenediamine (DPD) Indicator Solution	EPA (330.5)
Diethylphenylenediamine sulphate solution R	EP (1028601)

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)
2655-1	4 L amber glass	9 months

Recommended Storage: 2°C - 8°C (36°F - 46°F)

Jose Pena (09/04/2026)
Plant Manager I

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