

# Product Specification

## Indigo Stock Solution, APHA for Ozone

**Lot Number:** SAMPLE

**Product Number:** 3947

**Manufacture Date:** N/A

**Expiration Date:** N/A

Discard this solution when the absorbance of a 1:100 dilution falls below 0.16 AU/cm at 600 nm.

Name	CAS#	Grade
Water	7732-18-5	ACS/ASTM/USP/EP
Phosphoric Acid	7664-38-2	ACS
Indigotrisulfonic Acid, Tripotassium Salt	67627-18-3	Purified

Test	Specification	Result	NIST SRM#
Absorbance at 600 nm (1:100 dilution in water)	0.190-0.210 AU/cm	N/A	930
Appearance	Blue-violet liquid	N/A	

Specification	Reference
Malonic Acid Reagent	APHA (4500-O3 B)

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)
3947-16	500 mL amber poly	4 months

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



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This Certificate of Analysis is designed to comply with ISO Guide 31 "Reference Materials -- Contents of Certificates and Labels."