RICCA CHEMICAL COMPANY®

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Product Specification

Diphenylcarbazone-Xylene Cyanol Mixed Indicator (not acidifier), for low level Chloride

Lot Number: SAMPLE **Product Number:** 2620

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

This is not an acidifier reagent. First adjust samples to pH 2.5±0.1 with 0.1 Normal Nitric Acid or Sodium Hydroxide (not Sodium Carbonate). Determine amount of acid or base to add for pH adjustment on a separate sample and discard that sample.
Refrigerate. Exposure to heat or bright light may reduce shelf life.

Name	CAS#	Grade
Ethyl Alcohol	64-17-5	Reagent
Methyl Alcohol	67-56-1	Reagent
Diphenylcarbazide	140-22-7	ACS
Xylene Cyanol FF	2650-17-1	Technical
s-Diphenylcarbazone	538-62-5	ACS

Test	Specification	Result
Appearance	Blue-green liquid	N/A
Suitability for Use	Light Green (pH < 2.0) - Green-Blue (pH 2.4 to pH 2.6) - Blue (pH > 3.8	N/A

Specification	Reference
Indicator Reagent, not acidifier	APHA (4500-Cl- C)

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)
2620-4	120 mL amber glass	9 months
2620-32	1 L amber glass	9 months
2620-16	500 mL amber glass	9 months

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

Katie Schnur
Quality Control Manager

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