

Certificate of Analysis

Murexide Indicator, 0.15% (w/v) in Ethylene Glycol

Lot Number: 4406F97

Product Number: 5221

Manufacture Date: JUN 12, 2024

Expiration Date: JUN 2025

Name	CAS#	Grade
Ethylene Glycol	107-21-1	Reagent
Murexide	3051-09-0	ACS

Test	Specification	Result
Appearance	Dark red liquid	Passed
Suitability for Use	Pink (Excess Ca Ions) - Purple (Excess EDTA Ions)	Passed

Specification	Reference
Murexide Indicator (in ethylene glycol)	APHA (3500-Ca 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)
5221-16	500 mL amber glass	12 months

Recommended Storage: 15°C - 30°C (59°F - 86°F)Paul Brandon (06/12/2024)
Production Manager

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