

Product Specification

Nessler Reagent, for Ammonia Nitrogen Determination

Lot Number: SAMPLE**Product Number:** 5250**Manufacture Date:** N/A**Expiration Date:** N/A

Certified to yield the characteristic color with a concentration of 0.1 mg/L (1.0 ppm) Ammonia Nitrogen and acceptable results with all other positive and negative Ammonia Nitrogen Control Samples.

Name	CAS#	Grade
Water	7732-18-5	ACS/ASTM/USP/EP
Sodium Hydroxide	1310-73-2	ACS
Potassium Iodide	7681-11-0	ACS
Mercuric Iodide	7774-29-0	

Test	Specification	Result
Appearance	Light yellow liquid	N/A
Sensitivity to Ammonia	To Pass Test	N/A

Specification	Reference
Nessler Reagent	ASTM (D 1426 A)
Nessler Reagent	ASTM (D 3590 A)
Nessler Reagent	APHA (4500-NH3 C)
Nessler Reagent	EPA (350.2)
Nessler Reagent	EPA (351.3)
Nessler Reagent Reagent Solution (modified)	ACS (N/A)

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)
5250-4	120 mL amber poly	12 months
5250-32	1 L amber poly	12 months
5250-1	4 L black poly	12 months
5250-16	500 mL amber poly	12 months

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

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