RICCA CHEMICAL COMPANY®

Arlington, TX 76012
Pocomoke City, MD 21851
Batesville, IN 47006
http://www.riccachemical.com
1-888-GO-RICCA
customerservice@riccachemical.com

Product Specification

Digestion Reagent, with Mercury Catalyst for Kjeldahl Nitrogen Analysis

Lot Number: SAMPLE **Product Number:** 2550

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

Store above 20 °C to prevent crystallization.

Name	CAS#	Grade
Water	7732-18-5	ACS/ASTM/USP/EP
Sulfuric Acid	7664-93-9	ACS
Potassium Sulfate	7778-80-5	ACS
Mercuric Oxide	21908-53-2	ACS

Test	Specification	Result
Appearance	Colorless liquid	N/A

Specification	Reference
Digestion Solution	ASTM (D 3590 A)
Digestion Solution	ASTM (D 3590 B)
Digestion Reagent	APHA (4500-Norg B)
Digestion Solution	EPA (365.4)
Digestion Solution (Sulfuric acid-mercuric sulfate-potassium sulfate solution)	EPA (351.2)
Sulfuric Acid – Mercuric Sulfate – Potassium Sulfate Solution	EPA (351.4)
Sulfuric Acid – Mercuric Sulfate – Potassium Sulfate Solution	EPA (351.3)

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)
2550-1	4 L natural poly	24 months
2550-16	500 mL natural poly	24 months
2550-32	1 L natural poly	24 months

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

This test report shall not be reproduced, except in full, without the written approval of Ricca Chemical Company.