

# Product Specification

## Sulfuric Acid, 20% (v/v), Reagent Grade

Lot Number: SAMPLE

Product Number: 8165

Manufacture Date: N/A

Expiration Date: N/A

Name	CAS#	Grade
Water	7732-18-5	ACS/ASTM/USP/EP
Sulfuric Acid	7664-93-9	Reagent

Test	Specification	Result	NIST SRM#
Appearance	Colorless liquid	N/A	
Assay (vs. Sodium Hydroxide/Phenolphthalein)	19.97-20.03 % (v/v)	N/A	84

Specification	Reference
Sulfuric acid, 20% by volume	TAPPI (T 624 cm-85)
Sulfuric Acid (1:4)	EPA (330.3)
Sulfuric Acid Solution (1:4)	EPA (320.1)
Sulfuric Acid (1+4)	ASTM (D 128)
Sulfuric Acid (1:4)	EPA (330.1)
Sulfuric Acid Solution (1:4)	EPA (330.2)
Sulfuric Acid Solution (1:4)	EPA (345.1)

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)
8165-1	4 L natural poly	36 months
8165-16	500 mL natural poly	36 months
8165-32	1 L natural poly	36 months
8165-5	20 L Cubitainer®	36 months
8165-55	55 gal poly drum	36 months
8165-5HP	20 L Ropak™	36 months
R8165000-V1A	1 L natural poly	36 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.