

# Product Specification

## Sulfuric Acid, 0.500 Normal (N/2)

**Lot Number:** SAMPLE

**Product Number:** 8280

**Manufacture Date:** N/A

**Expiration Date:** N/A

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

Test	Specification	Result	NIST SRM#
Appearance	Colorless liquid	N/A	
Assay (vs. Tris(hydroxymethyl)aminomethane/Methyl Red)	0.4998-0.5002 N at 20°C	N/A	723

Specification	Reference
Sulfuric acid, 0.5 N	TAPPI (T 624 cm-85)
Standard sulfuric acid, 0.5 N	TAPPI (T 621 cm-71)
Sulfuric acid solution, 0.5 N	TAPPI (T 600 cm-83)
Sulfuric Acid, 0.5 N	EPA (SW-846) (7470A)
Sulfuric Acid, 0.5 N	EPA (SW-846) (7471A)
Sulfuric Acid, 0.5 N	EPA (245.1)
Sulfuric Acid, 0.5 N	EPA (245.5)
Sulfuric acid, 0.5 N	TAPPI (T 610 sp-97)
Sulfuric Acid, 0.5 N Reagent Solution	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)
8280-1	4 L natural poly	36 months
8280-16	500 mL natural poly	36 months
8280-1CT	4 L Cubitainer®	36 months
8280-2.5	10 L Cubitainer®	36 months
8280-32	1 L natural poly	36 months
8280-4	120 mL natural poly	36 months
8280-5	20 L Cubitainer®	36 months
8280-55	55 gal poly drum	36 months

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

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