



PRODUCT SPECIFICATION SHEET
SULFURIC ACID
ACS GRADE

Catalog # / Product Code: 290000ACS

Available in the following sizes:

6x2.5L Clear Glass Bottles, 6x2.5L Poly Coated Glass, 6x500 ml Clear Glass, 4x4 L Poly Bottle,
5 gallon New Poly Pail, 15 gallons New Poly Pail, 55 gallon New Poly

Test	Specification	Typical Lot Analysis
Appearance	Clear, colorless liquid	Pass
Assay (H ₂ SO ₄)	95.0 - 98.0%	95.7%
Color, APHA	10 max.	10
Residue after Ignition	5 ppm max	< 5ppm
Chloride (Cl)	0.2 ppm max	< 0.2 ppm
Nitrate (NO ₃)	0.5 ppm max	< 0.5 ppm
Heavy Metals (as Pb)	1 ppm max	< 1 ppm
Arsenic (As)	0.01 ppm max	0.01 ppm
Mercury (Hg)	< 5 ppb max	<5 ppb
Ammonium (NH ₄)	2 ppm max	< 2 ppm
Iron (Fe)	0.2 ppm	< 0.2 ppm

Approved by: Paul DiMarco, Vice President Quality Management

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Subst. Red. Permanganate

max. 2 ppm as SO₂

Pass

Form: Sulfuric Acid, ACS, #301, Rev. 2.0, 10/01

FOR INDUSTRIAL OR LAB USE ONLY. Not intended as an active substance in Food or Drug. Not to be considered a Medical Device. Not intended for use as a Disinfectant as defined by the EPA. The expiration date of this product is three years from the date of manufacture. (Rev. # Disclaimer only: Rev 2.0 11/19/01 PJM)

Shipping Name: Sulfuric Acid
 Hazard Class: 8 UN 1830
 PG: II
 Sulfuric Acid CAS: 7664-93-9
 Made in USA
 Bottled in Canada

LOT NO:
 BATCH NO:

ISO 9002
 GMP

pharmco
 PRODUCTS INC
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SULFURIC ACID
ACS Reagent Grade

UN 1830
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CORROSIVE

CHEMTREC NO. 1-800-424-9300

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DANGER: CORROSIVE CHEMICAL & VAPOR. Improper Exposure Can Result in Serious Injury or Death. Immediate Damage to Body upon Contact. Wear all recommended protective equipment. Refer to MSDS for additional information. *

STORAGE AND HANDLING: Keep in a cool, dry place. Do not expose to direct sunlight. Use only with proper personal protective equipment and ventilation. Refer to MSDS for additional information. *

FIRST AID: SEEK IMMEDIATE MEDICAL ATTENTION. REFER TO MSDS FOR APPROPRIATE FIRST AID FOR THIS CHEMICAL. *

REFER TO MSDS PRIOR TO USE. Use Only Under Appropriate Conditions. Use Only Under Trained Supervision. *

Product Specifications	Limits
Appearance	Clear colorless liquid
Assay (H2SO4)	95.0-99%
Color (APHA)	10 max
Residue after Ignition	5 ppm max
Chloride (Cl)	0.2 ppm max
Nitrate (NO3)	0.5 ppm max
Ammonium (NH4)	2 ppm max
Substance Reducing	2 ppm as SO2 max
Permanganate	
Arsenic (As)	0.01 ppm max
Heavy Metals (as Pb)	1 ppm max
Iron (Fe)	0.2 ppm max
Mercury (Hg)	0.005 ppm max

GLASS BOTTLE

SHIP TO:

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