

CERTIFICATE OF ANALYSIS

Product Name	SULFURIC ACID
Grade	Meets ACS Grade Monograph
Catalog #	290000ACS
Lot #	C20D27CAS0000SAG
Date of Manufacture:	03/19/20
Recommended Retest Date:	Three Years from Date of Manufacture

TEST	SPECIFICATION	RESULT
Appearance	Free from suspended or insoluble matter	Pass
Assay (H ₂ SO ₄)	95.0 - 98.0%	96.4%
Color, APHA	10 max.	< 10
Residue after Ignition	5 ppm max.	< 5 ppm
Chloride (Cl)	0.2 ppm max.	< 0.2 ppm
Nitrate (NO ₃)	0.5 ppm max.	< 0.5 ppm
Ammonium (NH ₄)	2 ppm max.	< 2 ppm
Substances Reducing Permanganate (as SO ₂)	2 ppm max.	< 2 ppm
Arsenic (As)	0.01 ppm max.	< 0.01 ppm
Heavy Metals (as Pb)	1 ppm max.	< 1 ppm
Iron (Fe)	0.2 ppm max.	< 0.2 ppm
Mercury (Hg)	5 ppb max.	< 5 ppb

Certification and Compliance Statements

This lot of Sulfuric Acid complies with all of the current requirements listed in the American Chemical Society monograph. Certain test data have been supplied by third parties.

This product is not derived, nor does it come in contact with, any materials derived from bovine or other animal sources.

This product is for further commercial manufacturing, laboratory or research use, and may be used as an excipient or a process solvent for pharmaceutical purposes. It is not intended for use as an active ingredient in drug manufacturing nor as a medical device or disinfectant. Appropriate/legal use of this product is the responsibility of the user.

Approved by: D. Simoncelli, Quality Control Chemist

Date of Approval: 06/22/20

