

# Certificate of Analysis

## Sulfuric Acid, ACS Reagent Grade

**Lot Number:** 4008J01

**Product Number:** RABS0030

**Date Packaged:** AUG 19, 2020

**Expiration Date:** MAY 2022

<b>Contains</b>
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 H<sub>2</sub>SO<sub>4</sub> CAS No. 7664-93-9 MW 98.08

Test	Specification	Result
Ammonium (NH <sub>4</sub> )	max 2 ppm	< 2 ppm
Appearance	Colorless liquid	Passed
Arsenic (As)	max 0.01 ppm	< 0.01 ppm
Assay	95.0-98.0 %	95.7 %
Chloride (Cl)	max 0.2 ppm	< 0.2 ppm
Color (APHA)	max 10	0
Heavy Metals (as Pb)	max 1 ppm	< 1 ppm
Iron (Fe)	max 0.2 ppm	< 0.1 ppm
Mercury (Hg)	max 5 ppb	< 5 ppb
Nitrate (NO <sub>3</sub> )	max 0.5 ppm	< 0.5 ppm
Residue after Ignition	max 5 ppm	< 5 ppm
Substances reducing Permanganate (as SO <sub>2</sub> )	max 2 ppm	< 2 ppm

Balances are calibrated regularly with weights certified traceable to the NIST national mass standard. All products are prepared according to master documents that assure manufacture according to validated methods. Batch records document traceability and production history for each lot manufactured.

Part Number	Size / Package Type	Shelf Life (Unopened Container)
RABS0030-500C	500 mL amber glass	36 months

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



Chris Collins (08/19/2020)

Quality Control Supervisor

This Certificate of Analysis is designed to comply with ISO Guide 31 "Reference Materials -- Contents of Certificates and Labels."

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