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Product Specification

Product Name:
Sulfuric acid - ACS reagent, 95.0-98.0%

Product Number: 258105
CAS Number: 7664-93-9
MDL: MFCD00064589
Formula: H₂O₄S
Formula Weight: 98.08 g/mol



TEST	Specification
Appearance (Clarity)	Clear
Appearance (Color)	Colorless
Appearance (Form)	Liquid
Free From Suspended Matter or Sediment	
Color Test	≤ 10 APHA
Titration with NaOH	95.0 - 98.0 %
Residue on Ignition (ppm)	≤ 5 ppm
Arsenic (As)	≤ 0.01 ppm
Chloride (CL)	≤ 0.2 ppm
Iron (Fe)	≤ 0.2 ppm
Mercury (Hg)	≤ 5 ppb
Heavy Metals	≤ 1 ppm
(as Pb)	
Ammonium	≤ 2 ppm
Nitrate (ppm)	≤ 0.5 ppm
Subs Red Permanganate (ppm)	≤ 2 ppm
(as SO ₂)	
Meets ACS Requirements	Current ACS Specification
10th Edition	

Specification: PRD.2.ZQ5.10000025100

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.