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Product Specification

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

Product Number: 258105 H₂SO₄
CAS Number: 7664-93-9
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	
Purity (Titration by NaOH)	95.0 - 98.0 %
Residue on Ignition (ppm)	≤ 5 ppm
Color Test	≤ 10 APHA
Arsenic (As)	≤ 0.01 ppm
Chloride (CL)	≤ 0.2 ppm
Iron (Fe)	≤ 0.2 ppm
Mercury (Hg)	≤ 5 ppb
Heavy Metal (as Pb)	≤ 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	

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.