

3050 Spruce Street, Saint Louis, MO 63103, USA

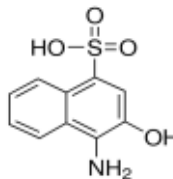
Website: www.sigmaaldrich.comEmail USA: techserv@sial.comOutside USA: eurtechserv@sial.com

Certificate of Analysis

Product Name:

4-Amino-3-hydroxy-1-naphthalenesulfonic acid - ACS reagent, ≥90%

Product Number: 398969
Batch Number: MKCJ1342
Brand: SIAL
CAS Number: 116-63-2
MDL Number: MFCD00004019
Formula: C₁₀H₉NO₄S
Formula Weight: 239,25 g/mol
Quality Release Date: 07 JAN 2019



Test	Specification	Result
Appearance (Color)	White to Red and Pink and Faint Purple to Purple	Light Purple
Appearance (Form)	Powder	Powder
Infrared Spectrum	Conforms to Structure	Conforms
Purity (Titration by NaOH)	≥ 90.0 %	97.4 %
Residue on ignition (Ash)	≤ 0.1 %	< 0.1 %
Solubility (Turbidity)	Pass	Pass
0.1g/3ml, 1% Sodium Carbonate Diluted to 10ml in H ₂ O		
Sulfate (SO ₄)	≤ 0.2 %	< 0.2 %
Additional Test	Pass	Pass
Sensitivity to Phosphate Test		
Meets ACS Requirements	Current ACS Specification	Conforms

Michael Grady, Manager
Quality Control
Milwaukee, WI US

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.