

3050 Spruce Street, Saint Louis, MO 63103, USA

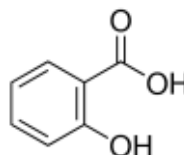
Website: www.sigmaaldrich.comEmail USA: techserv@sial.comOutside USA: eurtechserv@sial.com

Certificate of Analysis

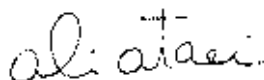
Product Name:

Salicylic acid - ACS reagent, ≥99.0%

Product Number: 247588
Batch Number: MKBV4702V
Brand: SIAL
CAS Number: 69-72-7
MDL Number: MFCD00002439
Formula: C₇H₆O₃
Formula Weight: 138.12 g/mol
Quality Release Date: 20 APR 2015
Recommended Retest Date: APR 2019



Test	Specification	Result
Appearance (Color)	White	White
Appearance (Form)	Powder	Powder
Melting Point	158.0 - 161.0 °C	158.4 °C
Infrared Spectrum	Conforms to Structure	Conforms
Purity (HPLC)	≥ 99.0 %	101.1 %
Residue on ignition (Ash)	≤ 0.01 %	< 0.01 %
Chloride Content	≤ 0.001 %	< 0.001 %
Substances Darkened (by H ₂ SO ₄)	Pass	Pass
Iron (Fe)	≤ 2 ppm	< 2 ppm
Heavy Metals (as Lead)	≤ 5 ppm	< 5 ppm
Sulfate (SO ₄)	≤ 0.003 %	< 0.003 %
Meets ACS Requirements 10th Edition	Current ACS Specification	Conforms
Recommended Retest Period 4 Years	-----	-----



Ali Ataei, 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.