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Website: www.sigmaaldrich.com

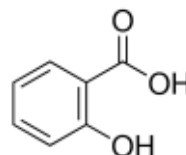
Email USA: techserv@sial.com

Outside USA: eurtechserv@sial.com

Certificate of Analysis

Product Name:
Salicylic acid - ≥99%, FG

Product Number: W398500
Batch Number: MKCG1651
Brand: ALDRICH
CAS Number: 69-72-7
MDL Number: MFCD00002439
Formula: C7H6O3
Formula Weight: 138.12 g/mol
Quality Release Date: 06 APR 2018
Expiration Date: MAR 2023



Test	Specification	Result
Appearance (Color)	White	White
Appearance (Form)	Powder or Crystals	Crystals
Initial Melting Point	≥ 158 °C	159 °C
Final Melting Point	≤ 162 °C	160 °C
Infrared Spectrum	Conforms to Structure	Conforms
Purity (Titration by NaOH)	99.0 - 101.0 %	100.9 %
Purity (HPLC)	≥ 99.0 %	100.0 %
Solubility (Turbidity) c = 50mg/ml; 95% Ethanol	Clear	Clear
Solubility (Color)	Colorless	Colorless
Arsenic (As)	≤ 3 ppm	< 1 ppm
Cadmium (Cd)	≤ 1 ppm	< 1 ppm
Mercury (Hg)	≤ 1 ppm	< 1 ppm
Lead (Pb)	≤ 10 ppm	< 1 ppm
Expiration Date Period 5 Years	-----	-----

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.