

3050 Spruce Street, Saint Louis, MO 63103, USA

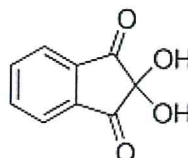
Website: www.sigmaaldrich.comEmail USA: techserv@sial.comOutside USA: eurtechserv@sial.com

Certificate of Analysis

Product Name:

Ninhydrin - ACS reagent

Product Number: 151173
Batch Number: BCBZ2209
Brand: SIAL
CAS Number: 485-47-2
Formula: C₉H₆O₄
Formula Weight: 178.14 g/mol
Quality Release Date: 16 AUG 2018
Recommended Retest Date: JUL 2023



Test	Specification	Result
Appearance (Colour)	White to Yellow	Faint Yellow
Appearance (Form)	Powder or Crystalline Powder or Crystals or Granules	Crystalline Powder
Melting Point (Decomposition) approximately 250 °C	245 - 255 °C	251 °C
Solubility 10 mg/ml, H ₂ O; Clear, Pale Yellow Solution	Pass	Pass
Infrared Spectrum	Conforms to Structure	Conforms
Application Test Sensitivity to Amino Acids	Pass	Pass
Meets ACS Requirements Solubility and Sensitivity to Amino Acids	Corresponds to Requirements	Corresponds

Dr. Reinhold Schwenninger
Quality Assurance
Buchs, Switzerland CH

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.