

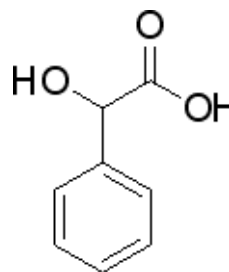
3050 Spruce Street, Saint Louis, MO 63103, USA

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

Product Specification

Product Name:
Mandelic acid - 99%

Product Number: M2101
CAS Number: 90-64-2
MDL: MFCD00064250
Formula: C₈H₈O₃
Formula Weight: 152.15 g/mol



TEST

Specification

Appearance (Color)

White to Light Yellow

Appearance (Form)

Powder or Solid or Crystals or
Crystalline Chunk(s) or Chunk(s)

Infrared spectrum

Conforms to Structure

Purity (Titration by NaOH)

98.5 - 101.5 %

Purity (HPLC)

≥ 98.5 %

Solubility (Turbidity)

Clear to Slightly Hazy

c = 100 mg/ml (10%); Water

Solubility (Color)

Conforms to Requirements

Colorless to Faint Yellow or Faint Yellow-Green

Remarks:

Reviewing Chemist :

Specification: PRD.0.ZQ5.10000011762

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.