

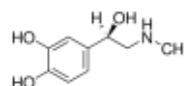
3050 Spruce Street, Saint Louis, MO 63103, USA

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

Product Specification

Product Name:
(-)-Epinephrine

Product Number: E4250
CAS Number: 51-43-4
MDL: MFCD00002204
Formula: C₉H₁₃NO₃
Formula Weight: 183.20 g/mol
Storage Temperature: 2 - 8 °C



TEST

Specification

Appearance (Color)	White to Off White
Appearance (Form)	Powder
Solubility (Color)	Colorless to Yellow and Colorless to Brown-Yellow and Colorless to Brown
Solubility (Turbidity)	Clear
at 50 mg/ml in 0.5 M HCl	
Specific Rotation	-52.0 - -50.0 °
(c = 2 in 0.5 M HCl at 25 deg C)	
Infrared spectrum	Conforms to Structure
Titration by HClO ₄	≥ 99 %
Purity (HPLC)	≥ 99 %

Specification: PRD.2.ZQ5.10000019007

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.