

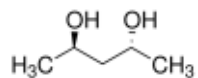
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Product Specification

Product Name:
(R,R)-(-)-2,4-Pentanediol - 99%

Product Number: 243175
CAS Number: 42075-32-1
MDL: MFCD00063893
Formula: C₅H₁₂O₂
Formula Weight: 104.15 g/mol



TEST	Specification
Appearance (Color)	White
Appearance (Form)	Powder or Crystals
Infrared spectrum	Conforms to Structure
Optical Rotation C = 10%, CHCl ₃	-44.0 - -38.0 deg
Enantiomeric Excess	≥ 96.5 %
Purity (GC)	≥ 98.5 %
Solubility (Turbidity) 50mg/ml, Ethanol	Clear
Solubility (Color)	Colorless

Specification: PRD.0.ZQ5.10000043121

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.