

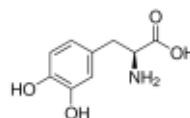
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Product Specification

Product Name:
3,4-Dihydroxy-L-phenylalanine - ≥98% (TLC)

Product Number: **D9628**
CAS Number: 59-92-7
MDL: MFCD00002598
Formula: C₉H₁₁NO₄
Formula Weight: 197.19 g/mol



TEST	Specification
Appearance (Color)	White to Off White
Appearance (Form)	Powder
Solubility (Color)	Colorless to Light Yellow
Solubility (Turbidity)	Clear to Slightly Hazy
50 mg/mL, 0.5 M HCl	
¹ H NMR Spectrum	Conforms to Structure
Carbon	53.7 - 55.9 %
Nitrogen	6.8 - 7.4 %
Specific Rotation	-12.5 - -10.5 °
C = 1 in 1 M HCl, 25 deg C	
Purity (TLC)	≥ 98 %

Specification: PRD.2.ZQ5.10000043253

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.