

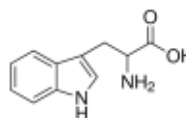
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Product Specification

Product Name:
DL-Tryptophan - ≥99% (HPLC)

Product Number: T3300
CAS Number: 54-12-6
MDL: MFCD00064339
Formula: C₁₁H₁₂N₂O₂
Formula Weight: 204.23 g/mol



TEST

Specification

Appearance (Color)	White to Off-White
Appearance (Form)	Powder
Solubility (Color)	Colorless to Yellow
Solubility (Turbidity)	Clear to Slightly Hazy
100mg / 10 ml 1 M HCl	
Infrared spectrum	Conforms to Structure
Specific Rotation at 25 deg C	-1 - 1 °
(C= 1 in water plus 2 drops 6N HCl)	
Carbon	64.0 - 65.3 %
Nitrogen	13.4 - 14.0 %
Purity (HPLC)	≥ 99 %
Recommended Retest Period	-----
5 years	

Specification: PRD.5.ZQ5.10000061265

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.