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## Product Specification

Product Name:

L-Tryptophan – reagent grade, ≥98% (HPLC)

Product Number:

T0254

CAS Number:

73-22-3

MDL:

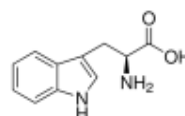
MFCD00064340

Formula:

C<sub>11</sub>H<sub>12</sub>N<sub>2</sub>O<sub>2</sub>

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
50 mg/mL, 0.5 M HCl	
Infrared spectrum	Conforms to Structure
Carbon	63.2 - 66.0 %
Nitrogen	13.3 - 14.1 %
Specific Rotation	-32.8 - -29.4 °
(c = 1, H <sub>2</sub> O, 25 deg C)	
Purity (HPLC)	≥ 98 %
Recommended Retest Period	-----
4 years	

Specification: PRD.1.ZQ5.10000034963

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](http://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.