

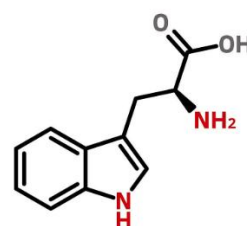


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## Product Specification

# L-TRYPTOPHAN 99% FOR BIOCHEMISTRY

**CAT. NO.** : 037171  
**GRADE** : LR  
**CAS NO.** : 73-22-3  
**FORMULA** : C<sub>11</sub>H<sub>12</sub>N<sub>2</sub>O<sub>2</sub>  
**M.W.** : 204.23



ISO 9001:2015 CERTIFIED

Minimum assay (ex N, non-aqueous) 99.0%  
 Specific rotation  $\alpha^{20}_D$  (C=1 in water) -33° to -30°

### Maximum limits of impurities:

Loss on drying at 110°C	0.5%
Sulphated ash	0.1%
Chloride(Cl)	0.01%
Sulphate(SO <sub>4</sub> )	0.01%
Iron (Fe)	0.001%
Lead (Pb)	0.001%
Ammonia(NH <sub>4</sub> )	0.01%
Foreign amino acids	0.3%
Other ninhydrin positive substances (as glycine)	0.1%

**(Light Sensitive)**

DATE: 01.07.2025

**Remarks:** The above-mentioned batch material is compliance with the standard specifications of High Purity Laboratory Chemicals Pvt. Ltd.



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