

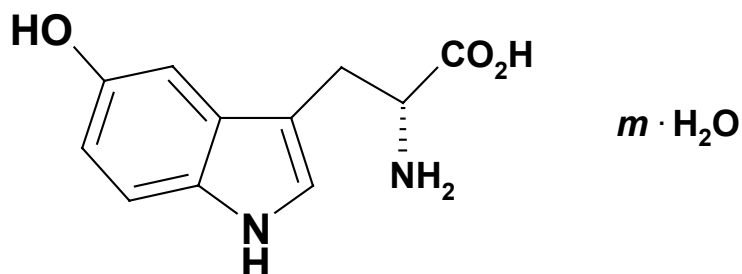
Product Specifications

Product Name L-5-Hydroxytryptophan

Syn: 5-HTP

CAS No. 4350-09-8

Structure Formula



Mol. Formula $\text{C}_{11}\text{H}_{12}\text{N}_2\text{O}_3$

Mol. Weight 220.23 (*anhyd*)

<i>Test</i>	<i>Specification</i>
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Identity	IR
Appearance	Fine white powder
Mp	> 270 °C (uncorrected)
Assay (hplc)	≥ 99% (anhydrous basis)
Spec. Rot. $[\alpha]_{\text{D}}$	< - 31° (c = 1, H ₂ O)
Residue on Ignition	< 0.2%
Loss on Drying	< 2 %
Residual Solvent	Ethanol; conforms to Eur. Pharm.
Heavy Metals	< 10 ppm
As	< 2 ppm

- *Cont'd* -

– cont'd –

<i>Test</i>	<i>Specification</i>
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Microbiological Assay

Total Plate Count	< 100/g
Yeast and Mold	< 100/g
<i>E. Coli</i>	Negative
Salmonella	Negative

Storage: Cool, dry location. Do not freeze. Keep away from strong light and heat.