

# Specification

## Technical Data Sheet

<b>Product Name</b>	L-Tryptophan
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<b>Product No</b>	13831082
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<b>CAS Number</b>	73-22-3
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<b>Storage Temperature</b>	Ambient
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<b>Molecular Weight</b>	204.23
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### Specification

<b>Appearance</b>	White Powder
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<b>Identification</b>	Conforms to reference
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<b>Loss on Drying</b>	≤ 0.3%
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<b>pH</b>	5.5 to 7.0
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<b>Specific rotation</b>	-29.4 to -32.8
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<b>Assay</b>	≥ 98.5%
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<b>Chloride (Cl)</b>	≤ 0.05%
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## Specification

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**Iron (Fe)**  $\leq 0.003\%$

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**Residue on Ignition**  $\leq 0.1\%$

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**Specification** Conforms to USP specification

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**Lead (Pb)**  $\leq 0.0015\%$

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