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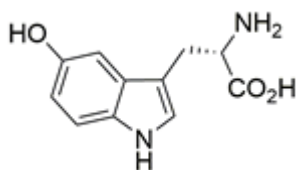
Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

Catalogue Number	46535
Product	5-Hydroxy-L-tryptophan from fermentation L-Trp(5-OH)-OH L-2-Amino-3-(5-hydroxyindolyl)propionic acid
CAS Number	4350-09-8
Molecular Formula	C ₁₁ H ₁₂ N ₂ O ₃
Molecular Weight	220.2

Warnings	<i>Toxic! Irritant!</i>
Synonym 3	(S)-2-Amino-3-(5-hydroxy-1H-indol-3-yl)propionic acid
Appearance	White or off-white powder
Solubility	Soluble in water (10 mg/mL)
Bulk density	≥ 0.38 g/mL
Heavy Metals	≤ 10 ppm
Cation	Lead : ≤ 0.5 ppm Arsenic : ≤ 0.5 ppm Cadmium : ≤ 0.1 ppm Mercury : < 0.1 ppm
pH	4.5 - 6.5
Yeast and Mold	≤ 100 cfu/g
Optical Rotation	[α] _D ²⁰ = -35 to -30 ° (C=1 in water)
Infrared Spectrum	Conforms to structure
Loss on Drying	≤ 0.5%
Coliform Organisms	≤ 10 cfu/g
E. Coli, Salmonella, S.Aureus	Negative
Microbial Count	≤ 1000 cfu/g (TPC)
Particle Size	98% thr' 80 mesh
Related Substances	Total impurities : ≤ 0.3%
Residue On Ignition	≤ 0.3%
Purity by HPLC	≥ 99.5%

Product Specifications

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Grade	USP
Storage	Store at 0-8°C
Additional Information	Tapped density : ≥ 0.58 g/mL

For Laboratory Use Only