

Chem-Impex International, Inc.

Tel: (630) 766-2112

E-mail: sales@chemimpex.com

Shipping and Correspondence:

935 Dillon Drive

Wood Dale, IL 60191

Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

Certificate of Analysis

Catalogue Number	00607
Lot Number	002608-05030261
Product	5-Hydroxy-L-tryptophan from Griffonia Seed 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

Appearance	Off-white powder
Bulk density	0.420 g/mL
Heavy Metals	< 10 ppm
Cation	Arsenic (As): < 0.1 ppm Lead (Pb): < 0.1 ppm Cadmium (Cd): < 0.1 ppm Mercury (Hg): < 0.1 ppm
Yeast and Mold	Negative
Optical Rotation	-31.5° (C=1, water)
Loss on Drying	0.22%
Residual Solvents	Ethanol: < 10 ppm (by GC)
Coliform Organisms	Negative
E. Coli, Salmonella, S.Aureus	Negative / 10g
Microbial Count	460 cfu/g (Total plate count)
Particle Size	100% through #80 screen
Residue On Ignition	0.16%
Purity by HPLC	99.15%
Storage	Store at 0-8°C
Additional Information	Identification (HPLC): Conforms to standard Peak X/Peak X1: Negative Tapped Density: 0.727 g/mL Pesticide Residue: Conforms to USP35 Aflatoxins: Negative

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Remarks

See material safety data sheet for additional information

For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager