



HimLine
You ask - we do

ТОВ «ХІМЛІН»

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Certificate of Analysis

5-HTP

Batch No.	JNZS- 20251214	Manufacturing Date	20251214
Batch Quantity	1000KG	Expiration Date	20271213
Appearance	White to Off-white Powder	Country of Origin	China
CAS No.	4350-09-8	EC. No.	224-411-1
ITEMS	SPECIFICATION	RESULT	METHOD
Content	5-HTP>99%	99.32%	HPLC
Identification	Identification TLC	Conform	USP
PHYSICAL CHARACTERISTICS			
Particle Size	NLT 95% Through 80 mesh	98.90%	Analytical sieving USP <786>
Loss on Drying	NMT 1.0%	0.07%	USP <731>
Residual on ignition	NMT 0.3%	0.07%	USP <561>
Optical Rotation	-30.0°~35.0°	-32.55°	USP
PH	4.5~6.5	5.03	USP
Bulk Density	NLT 0.38g/ml	0.5g/ml	USP
Tapped Density	NLT 0.58g/ml	0.7g/ml	USP
Biobased Carbon	-	100%	AMS
Total Impurities	NMT 0.5%	0.07%	HPLC
CHEMICAL CHARACTERISTICS			
Residual Solvent	NMT5000ppm	Conform	GC USP <467>
Pesticide Residue	Meet the requirements	Conform	GC USP <561>
Heavy Metals(as Pb)	NMT 10ppm	Conform	USP <231> Method II
Arsenic (As)	NMT 0.5ppm	Conform	ICP-MS
Lead (Pb)	NMT 0.5ppm	Conform	ICP-MS
Cadmium(Cd)	NMT 0.1ppm	Conform	ICP-MS
Mercury(Hg)	NMT 0.1ppm	Conform	ICP-MS
MICROBIOLOGICAL CHARACTERISTICS			
Total Plate Count	NMT1000cfu/g	Conform	USP<2021>
Total Yeast & Mold	NMT100cfu/g	Conform	USP<2021>
E.Coli	Not Detected in(g) 10	Not Detected	USP<2021>
Salmonella	Not Detected in(g) 25	Not Detected	USP<2021>
Staphylococcus	Not Detected in(g) 10	Not Detected	USP<2021>
Packing and Storage	Polyethylene bag with cardboard drum/Box. 25kg net. Store in tight, light-resistant containers, avoid exposure to direct sunlight, moisture and excessive heat.		
Conclusion:	Conform with Our enterprise standard USP38 standards.		

Tested by: Tracy Cui

Date: 20251217

质检专用章

Approved by: Jack Jia

Date: 20251217