

Certificate of Analysis

Product Name	5-HTP	Batch No.	QY-JNZ20220220
Manufacturing Date	2022-02-20	Expiration Date	2025-02-19

Item	Specification	Result	Method	
Assay	5-Hydroxy-L-Tryptophan 98%	98.06%	HPLC	
Physical & Chemical Data				
Appearance	Off White Fine Powder	Conforms	Organoleptic	
Odor & Taste	Characteristic	Conforms		
Analytical Quality				
Identification		Identical	TLC	
Sieve	NLT 95% Through 80 mesh	Conforms	Mesh Screen	
Extract Solvent	Ethanol & Water	Conforms		
Loss on Drying	≤3.0%	0.28%	CP2020	
Ash	≤3.0%	0.36%	CP2020	
Bulk Density	0.30~0.70g/ml	Conforms	CP2020	
Pesticide Residue				
BHC	≤0.2ppm	Conforms	GC-MASS	
DDT	≤0.2ppm	Conforms	GC-MASS	
PCNB	≤0.1ppm	Conforms	GC-MASS	
Total Heavy Metals	≤10ppm	Conforms	Colorimetry	
Arsenic(As)	≤2ppm	Conforms	AAS	
Lead(Pb)	≤2ppm	Conforms	AAS	
Mercury(Hg)	≤0.1ppm	Conforms	AAS	
Cadmium(Cd)	≤1ppm	Conforms	AAS	
Microbiological Tests	Irradiation	Non irradiated		
Total Plate Count	≤1000cfu/g	≤10000cfu/g	Conforms	CP2020
Yeast & Mold	≤100cfu/g	≤300cfu/g	Conforms	CP2020
E.Coli	Negative	Negative	Negative	CP2020
Salmonella	Negative	Negative	Negative	CP2020
Staphylococcus	Negative	Negative	Negative	CP2020
Conclusion	Conform with specification			

Storage Cool & dry place.Do not freeze.Keep away from strong light and heat.

Shelf Life 36 months under the conditions above and in its original packaging.

Package In double sealed PP bags, 10/25kgs Drum.

Tested by: Mr Chen Date: 2022-02-24