



西安菲斯弗生物科技有限公司

Xi'an Faithful Biological Technology Co., Ltd.

Certificate of Analysis-5-hydroxy-l-tryptophan

CAS: 314062-44-7

Batch Number: FTF0250311 Batch Quantity: 150kg

Manufacture Date: Mar.09th,2025 Analysis Date: Mar.10th,2025 Certificate Date: Mar.11th,2025

Storage Store in cool & dry place. Store in well-closed containers.
Shelf life 3 years when properly stored.

Items	Standard	Results
<i>Physical&Chemical Data</i>		
Color	Off-White	Conform
Odour	Characteristic	Conform
Appearance	Fine Powder	Conform
<i>Analytical Quality</i>		
Identification	Identical to R.S. sample	Identical
L-5-Hydroxytryptophan	≥98.0%	98.02%
Sieve analysis	100 % through 80 mesh	Conform
Water(KF)	≤1.0 %	0.73%
Total Ash	≤1.0 %	0.11%
Specific Rotation	-34.7~-30.9°	-32.5 °
<i>Contaminants</i>		

Lead (Pb)	≤3.0 mg/kg	0.0276 mg/kg
Arsenic (As)	≤2.0 mg/kg	<0.01 mg/kg
Cadmium (Cd)	≤1.0 mg/kg	<0.01 mg/kg
Mercury (Hg)	≤0.1 mg/kg	0.0513 mg/kg
Solvents Residue	Meet Eur.Ph.7.0 <5.4>	Conform
Pesticides Residue	Meet USP Requirements	Conform
<i>Microbiological</i>		
Total Plate Count	≤10000 cfu/g	210 cfu/g
Yeast & Mold	≤1000 cfu/g	10 cfu/g
E.Coli.	Negative	Conform
Salmonella	Negative	Conform

Conclusion: Conform with enterprise specification .

QC MANAGER: 刘娟 INSPECTOR: 黄子烨

