

CERTIFICATE OF ANALYSIS

Product Name	L-tryptophan	Country of Origin	China
Batch Number	SOST2024031301	Manu. Date	Mar,13th, 2024
Batch Quantity	1,000kg	Expiration Date	Mar,15th, 2026
Items	Specifications	Results	
Appearance	white-like crystalline powder or yellow crystalline powder	Complies	
Specific rotation	-29.4°~-32.8°	-31.0°	
PH	5.5-7.0	5.69	
Loss On Drying	≤ 0.3%	0.04%	
Ash	≤ 0.1%	0.04%	
Chloride (Cl)	≤ 0.05%	Complies	
Sulfate(SO4)	≤ 0.03%	Complies	
Iron	≤ 0.003%	Complies	
Heavy metals (Pb)	≤ 0.0015%	Complies	
Assay (L-tryptophan), HPLC	98.5~101.5%	99.4%	
Conclusion	Complies with specification		
Storage	In cool & dry place. Keep away from strong light and heat.		
Shelf life	2 years when properly stored.		

QC MANAGER:Feng Li

ANALYST:Guo Shan

