

CROWN SUPPLEMENTS

Raw Material Certificate of Analysis Record

CERTIFICATE OF ANALYSIS

Product Name:	L-Tryptophan	Batch Number:	SAS20250910
Batch Quantity:	3,200 kg		

ANALYSIS	SPECIFICATION	RESULT
Appearance	White Crystalline Powder	White Crystalline Powder
Clarity & Color	Clear & Colorless	Complies
Assay	98.5%-101.5%	99.9%
pH	5.5-7.0	6.36
Loss On Drying	≤0.3%	0.08%
Residue On Ignition	≤0.1%	0.03%
Specific Rotation	-29.4~-32.8	-30.1
Chloride	≤0.05	<0.05
Sulfate	≤0.03	<0.03
Heavy Metal (PPM)	≤15	Complies
Arsenic (As)(PPM)	≤1.0	Complies
Lead (Pb)(PPM)	≤3.0	Complies
Mercury (Hg)(PPM)	≤1.0	Complies
Cadmium (Cd)(PPM)	≤1.0	Complies
Total Count (cfu/g)	≤2000	Complies
Mould & Yeast (cfu/g)	≤100	Complies
E. Coli	Negative	Negative
Salmonella	Negative	Negative
Conclusion	Conform to specification.	
Packing	Packed in paper carton outside and two PE bags inside.	
Storage	Preserve in well-closed, light-resistant, and protect from moisture	

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