

Specification Sheet

Product Name	L- Tryptophan		
Packing	25Kg/Drum	Shelf Life:	24Months

Analysis	Specification
Appearance	Crystalline Powder
Assay	98.5-101.5%
Bulk Density	0.1 – 0.25g/mL
Chloride(Cl)	≤0.05%
Color	White to slightly yellowish-white
Identification	Infrared absorption
Iron	≤0.003%
Loss on Drying	≤0.30%
Mesh Size	12 Mesh
PH	5.5-7.0
Residue on Ignition	≤0.10%
Specific Rotation	-29.4 °~-32.8 °
Sulfate	≤0.03%
Tapped Density	0.20-0.36g/mL
Arsenic	≤1PPm
Cadmium	≤1PPm
Lead	≤1PPm
Mercury	≤0.1PPm
E. Coli	Negative
Salmonella	Negative
Staphylococcus aureus	Negative
Total Plate Count	≤1000 cfu/g
Yeast & Mold	≤100 cfu/g
Conclusion:	Meets the USP32 Standard