

SPECIFIKACE / SPECIFICATION

L-Tryptophan USP

Quantity

500 Kg

Appearance	White crystals or crystalline powder	Conforms
Identification	Infrared Absorption	Conforms
Assay	98.5% ~ 101.5%	99.31%
Specific rotation	-29.4° ~ -32.8°	-31.0°
PH	5.5 ~ 7.0	5.85
Loss on drying	≤0.3%	0.05%
Residue on ignition	≤0.1%	0.06%
Chloride	≤0.05%	< 0.05%
Sulfate	≤0.03%	< 0.03%
Iron	≤30ppm	< 30ppm
Lead	≤3mg/kg	Conforms
Arsenic	≤1mg/kg	Conforms
Mercury	≤0.1mg/kg	Conforms
Cadmium	≤1mg/kg	Conforms
Bulk Density	≥0.20g/ml	0.22g/ml
Tapped Density	≥0.30g/ml	0.36g/ml
Particle Size	95% through 40 mesh	Conforms
Heavy metals	≤15ppm	< 15ppm
Organic impurities	Conforms	Conforms
Total Plate count	≤1000cfu/g	< 1000cfu/g
Yeast & moulds	≤100cfu/g	< 100cfu/g
Salmonella	Absent/10g	Conforms
Enterobacteriaceae	Absent/g	Conforms
Staphylococcus aureus	Absent/g	Conforms
E.coli	Absent/g	Conforms

Conclusion : The product conforms USP36

