

Shijiazhuang Haitian Amino Acid Co., Ltd.

Product: L-Tryptophan

CAS No.: 73-22-3

Standard: CP, AJI, USP

Packaging: 25kg/bag(drum), others as required

Storage Condition: In a cool and dry place sealed storage, one-time use after opening the bag.

Shelf Life: 24months from the production date under good storage conditions and sound packing.

Specification

L-Tryptophan	CP2015	AJI92	USP32	USP40
Description	White to slightly yellow crystals or crystalline powder	White to yellowish white crystals or crystalline powder	---	---
Identification	Conforms	Conform	---	Conform
Assay	≥99.0%	98.5%~100.5%	98.5%~101.5%	98.5%~101.5%
pH	5.4~6.4	5.4~6.4	5.5~7.0	5.5~7.0
Transmittance	≥95.0%	≥95.0%	---	---
Loss on drying	≤0.2%	≤0.20%	≤0.3%	≤0.3%
Residue on ignition	≤0.1%	≤0.10%	≤0.1%	≤0.1%
Chloride	≤0.02%	≤0.020%	≤0.05%	≤0.05%
Heavy Metals	≤0.001%	≤10ppm	≤15ppm	≤15ppm
Iron	≤0.002%	≤20ppm	≤30ppm	≤30ppm
Sulfate	≤0.02%	≤0.020%	≤0.03%	≤0.03%
Endotoxin	<50EU/g	---	---	---
Arsenic	≤0.0001%	≤1ppm	---	---
Ammonium	≤0.02%	≤0.02%	---	---
Other amino acids	Conforms	Meet the requirements	---	---
Pyrogen	---	Conform	---	---
Specific Rotation	-30.0° ~ -32.5°	-30.0° ~ -32.5°	-29.4°~-32.8°	-29.4°~-32.8°
Organic impurities	---	---	---	Conforms

Manufacturing Site: Shijiazhuang Haitian Amino Acid Co., Ltd.

Add: East of the Road 150m of Shi-Huang Freeway Entrance, Gaocheng District, Shijiazhuang City, Hebei, P.R.China

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