

Shijiazhuang Haitian Amino Acid Co., Ltd.

Product: L-Alanine

CAS No.: 56-41-7

Standard: USP, AJI, CP, GB

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-Alanine	CP2015	AJI92	USP40	USP32	GB25543-2010
Description	White or almost white crystals or crystalline powder	White crystals or crystalline powder	----	---	White crystals or crystalline powder
Identification	Conforms	Conforms	Conforms	---	---
Assay	≥98.5%	99.0%~101.0%	98.5%~101.5%	98.5%~101.5%	98.5%~101.5%
pH	5.5~7.0	5.7~6.7	5.5~7.0	5.5~7.0	5.7~6.7
Transmittance	≥98.0%	≥98.0%	---	---	---
Loss on drying	≤0.2%	≤0.20%	≤0.2%	≤0.2%	≤0.20%
Residue on ignition	≤0.1%	≤0.10%	≤0.15%	≤0.1%	≤0.20%
Chloride	≤0.02%	≤0.020%	≤0.05%	≤0.05%	---
Heavy Metals	≤0.001%	≤10ppm	≤15ppm	≤15ppm	≤10mg/kg
Iron	≤0.001%	≤10ppm	≤0.003%	≤0.003%	---
Sulfate	≤0.02%	≤0.020%	≤0.03%	≤0.03%	---
Endotoxin	<20EU/g	---	---	---	---
Arsenic	≤0.0001%	≤1ppm	---	---	≤1mg/kg
Ammonium	≤0.02%	≤0.02%	---	---	---
Other amino acids	Conforms	Conforms	Conforms	---	---
Pyrogen	---	Conforms	--	---	---
Specific Rotation	+14.0° ~ +15.0°	+14.3°~+15.2°	+ 13.7°~ + 15.1°	+ 13.7°~ + 15.1°	+13.5~+15.5

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

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