

## Shijiazhuang Haitian Amino Acid Co., Ltd.

Product: L-Glutamic Acid

CAS No.: 56-86-0

Standard: CP,AJ1

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-Glutamic acid	CP2015	AJ197
Description	White crystals or crystalline powder	White crystals or crystalline powder
Identification	Conforms	Conform
Assay	≥98.5%	98.5%~100.5% <sup>®</sup>
pH	---	3.0~3.5
Transmittance	≥98.0%	≥98.0%
Loss on drying	≤0.5%	≤0.10%
Residue on ignition	≤0.1%	≤0.10%
Chloride	≤0.02%	≤0.020%
Heavy Metals	≤0.001%	≤10ppm
Iron	≤0.0005%	≤10ppm
Sulfate	≤0.02%	≤0.020%
Endotoxin	<20EU/g	---
Arsenic	≤0.0001%	≤1ppm
Ammonium	≤0.02%	≤0.02%
Other amino acids	Conforms	Conforms
Pyrogen	----	Conforms
Hydrolyzable substances	----	----
clear and color less	----	----
Specific Rotation	+31.5°~ +32.5°	+31.5°~ +32.4°

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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