



**Buckton
Scott
Deutschland**

Specification	DATE:	08.11.2023
L-Glutamine	TEST METHOD:	FCCX

Item	Specification
CAS no.	56-85-9
Identification (Infrared Absorption)	Corresponding to Reference Spectrum
Appearance	White crystals or crystalline powder
Specific rotation	+6.3° ~ +7.3°
Assay	98.5% - 101.5%
pH value	4.35 ~ 6.0
Loss on drying	≤0.3%
Residue on Ignition	≤0.1%
Bulk density	≥0.5g/ml
Sulfate	≤0.03%
Chloride	≤0.05%
Iron	≤30ppm
Heavy metals	≤15ppm
Lead	≤3ppm
Cadmium	≤1ppm
Mercury	≤0.1ppm
Arsenic	≤1ppm
Organic volatile impurities	Meet the requirements
Insoluble Foreign Matter in Amino Acids	Complies
Particle size	Min 95% Through 120 mesh
Microbiological Limits	
Total Plate Count	≤1000cfu/g
Yeasts & molds	≤100cfu/g
E.coli	Negative/10g
Salmonella	Negative/25g
Staphylococcus aureus	Negative/10g
Storage condition	Preserve in tight containers at controlled room temperature
Packing	25kg/drum
Shelf life	2 years
Country of Origin	China

INFORMATION ABOVE AS RECEIVED FROM OUR SUPPLIER

INGREDIENTS WORLDWIDE

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