

Certificate of Analysis

Product: L-Glutamine Powder	Bulk Code: LGU100
Customer: Brand On Demand	Customer Lot: 406903
Serving Size: 2 Grams (~ 1/2 teaspoon)	Mfg Date: 2019-12 Best By: 2024-03
Allergens: None	

Assay Results

<u>Test Name</u>	<u>Specification</u>	<u>Results</u>
Description	White crystals or crystalline powder	Conform
Assay %	98.5 to 101.5	99.6
PH	4.35 to 6.0	4.48
Specific Rotation	+6.3 ~ +7.3 °	+6.57 °
Residue on Ignition %	≤ 0.3	0.10
Loss on Drying %	≤ 0.3	0.08
Chloride (Cl) %	≤ 0.05	< 0.05
Iron (Fe) (mg/kg)	≤ 30	< 30
Sulfate (SO4) %	≤ 0.03	< 0.03
Heavy Metals (mg/kg)	≤ 5	< 5
Lead (Pb) (mg/kg)	≤ 5	< 5
Arsenic (As) (mg/kg)	≤ 3	< 3
Cadmium (Cd) (mg/kg)	≤ 1	< 1
Mercury (Hg) (mg/kg)	≤ 1	< 1
Total Plate Count cfu/g	≤ 2000	< 100
Yeast and Mold cfu/g	≤ 100	< 100
E. Coli	Negative in 10g	Conform
<i>Staphylococcus aureus</i>	Negative in 10g	Conform
Salmonella	Negative in 10g	Conform

Suggested Storage Condition

55°F to 75°F (12°C to 23°C); <70% Relative Humidity; Store away from sunlight



Quality Assurance: _____

Kirk A. Brackett

Date: 01-02-2023