



Certificate of Analysis

Product name	L-Glutamine	Manufacture date	Mar.12.2023
Batch number	FQ230312	Analysis date	Mar.13.2023
Batch quantity	500kg	Expiry date	Mar.12.2025

Item	Specification	Results
Appearance	White powder	White powder
Odor	Characteristic	Characteristic
Solubility	H ₂ O: 25 mg/mL	Confirms
Melting point	185 °C (dec.)(lit.)	185°C
Heavy metal		
Pb	≤1 mg/kg	Confirms
As	≤3 mg/kg	Confirms
Hg	≤0.1 mg/kg	Confirms
Cd	≤1 mg/kg	Confirms
Dry weight loss	≤0.30%	Confirms
Burning residue	≤0.30%	0.16%
Total bacterial count	< 1000 CFU/g	Confirms
Yeast & mold	< 100 CFU/g	Confirms
E. coli	Not detected	Not detected
Assay	98.5-101.5%	99.21%
Conclusion	This product conforms to the standard	

Packing description:	Sealed export grade drum & double of sealed plastic bag
Storage:	Store in cool & dry place not freeze., keep away from strong light and heat
Shelf life:	2 years when properly stored

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