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Specification Sheet

Product Name		L-GLUTAMINE
Shelf life		3 years
ITEM	STANDARD	
Appearance	Crystalline powder	
Color	Whitish	
Aroma	None	
Flavor	Slightly sweet	
Identification	Infrared absorption	
Assay	98.5 – 101.5%	
Transmittance	≥98%	
Mesh size	≥90% pas mesh 200	
Bulk density	≥0.5 g/ml	
Specific Rotation [α] _{D20} ⁰ CHLC solution	+6.3 ⁰ - +7.3 ⁰	
Loss on Drying	≤0.3%	
Ignite residue	≤0.3%	
Heavy metals	≤15 ppm	
Arsenic	≤3 ppm	
Lead	≤5 ppm	
Cadmium	≤1 ppm	
Mercury	≤1 ppm	
Total plate count	≤100 cfu/g	
Yeast and Molds	≤100 cfu/g	
Salmonella	Absent in 10g	
Coliforms	≤50 MPN/g	

Note: The above information is based on the specification sheet received from the manufacturer of this product and not intended as a substitute for strict quality control analysis by the purchaser of this product.

Reviewed by :

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