

Specification Sheet

Product Name	L-Glutamine		
Packing	25Kg/Drum	Shelf Life:	36Months

Analysis	Specification
Appearance	Crystalline powder
Color	Whitish
Aroma	None
Flavor	Slightly sweet
Identification	Infrared absorption
Assay	98.5-101.5%
mesh size	≥95%pass120 mesh
bulk density	≥0.5g/ml
Specific Rotation [α] _{D20} ^o CHCLSolution	+6.3 ^o – +7.3 ^o
Loss on Drying	≤0.3%
Ignited residue	≤0.1%
Heavy metals	≤5ppm
(Arsenic)	≤1ppm
(Lead)	≤3ppm
Cadmium	≤1ppm
Mercury	≤0.1ppm
Total plate count	≤1000 cfu/g
Yeast andMoulds	≤100 cfu/g
Salmonella	Absent in 10g
Coliforms	≤ 50 MPN/g
CONCLUSION:	CONFORMING WITH THE STANDARD OF FCCVIII.