

Item Number	G9100
Item	L-Glutamine, cGMP, bioCERTIFIED (TM)
CAS Number	56-85-9
Molecular Formula	C ₅ H ₁₀ N ₂ O ₃
Molecular Weight	146.15
MDL Number	
Synonyms	L-2-Aminoglutaramic Acid ; Levoglutamide ; L-Glutamic Acid 5-Amide

Test	Specification	
	Min	Max
ASSAY	98.5	101.5 %
pH	4.0	6.0
SPECIFIC ROTATION, [α] _D ²⁰	+6.3° to +7.3°	
RESIDUE ON IGNITION		0.1 %
LOSS ON DRYING		0.3 %
ARSENIC		1 ppm
HEAVY METALS (Pb)		10 ppm
IRON		10 ppm
LEAD		0.5 ppm
CHLORIDE		0.05 %
SULFATE		0.02 %
AMMONIUM		0.05 %
INSOLUBLE FOREIGN MATTER:		
FIBER LENGTH		5 mm
TOTAL WEIGHT		5 mg/100 g
MICROBIAL LIMITS:		
TOTAL AEROBIC BACTERIA COUNT (TABC)		1,000 CFU/g
YEAST AND MOLD		100 CFU/g
COLIFORM		Negative/g
ESCHERICHIA COLI		Negative/10g
SALMONELLA		Negative/25g
EXPIRATION DATE		
DATE OF MANUFACTURE		

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