

SUVCHEM

ISO 9001:2015 CERTIFIED COMPANY

OFF: CHAITANYA TOWER, 2ND FLOOR, OFFICE NO.206,
SIDDARTH NAGAR, S.V. ROAD, GOREGAON (WEST), MUMBAI 400062. MH. INDIA.
WORKS: RAJPRABHA LANDMARK IND ESTATE NO.4 UNIT NO. 106, 107, & 110 1ST FLOOR,
BHOIDAPADA, SATIVALI ROAD, VASAI (EAST), PALGHAR - 401 208. MH, INDIA
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Certificate Of Analysis

PRODUCT NAME	L-GLUTAMINE (FOR BIOCHEMISTRY)
CAS NUMBER	56-85-9
MOLECULAR FORMULA	C ₄ H ₁₀ N ₂ O ₃
MOLECULAR WEIGHT (M.W.)	146.15
BATCH NUMBER	LG122410
MFT DATE	DECEMBER 2024
BEST BEFORE	NOVEMBER 2029
PRODUCT CODE	G0103900100

DESCRIPTION	LIMITS	RESULTS
APPEARANCE	WHITE CRYSTALLINE POWDER	COMPLES
ASSAY: MINIMUM	99.0%	99.50%
SPECIFIC ROTATION	6.3 -7.30 (4% IN WATER, AT 20°C)	6.8
MAX. LIMITS OF IMPURITIES		
HEAVY METALS (Pb)	0.001%	0.0005%
AMMONIUM (NH ₄)	0.1%	0.05%
FOREIGN AMINO ACIDS	0.3%	0.2%
OTHER NINHYDRIN POSITIVE SUBS. (AS GLYSINE)	0.1%	0.05%

DISCLAIMER:

- **SUVCHEM™** Products are to be used as Lab Chemicals for R&D only. Not for drug, medicinal, household or other uses.
- **SUVCHEM™** shall not be responsible for any damage resulting from handling or from contact with the above product.