

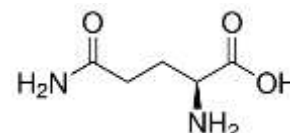


Product Specification

cdhfinechemical.com

L-GLUTAMINE FOR BIOCHEMISTRY

PRODUCT CODE	105395
SYNONYMS	--
C.I. NO.	--
CASR NO.	56-85-9
ATOMIC OR MOLECULAR FORMULA	C ₅ H ₁₀ N ₂ O ₃
ATOMIC OR MOLECULAR WEIGHT	146.15
PROPERTIES	--



PARAMETER	LIMIT
-----------	-------

Description	White crystalline powder.
Solubility	4% solution in water is clear to slightly hazy.
Minimum assay (Non aqueous, dried)	98.0%
pH (2.5% in water at 25°C)	4.00 - 6.00
Specific rotation $[\alpha]_D^{20}$ (C=2,5 N HCl)	+31.5° to +32.5°

MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 110°C	0.5%
Sulphated ash	0.1%
Iron (Fe)	0.001%
Lead (Pb)	0.001%

Note(s) : Assay (if applicable) method mentioned.

WARNING

Hazard statements: Not hazardous. No hazards.

Precautionary statements

Prevention: -----

Response: -----

Disposal:-----

IMDG Code : --

UN No. : --

IATA : --

Hazard Pictogram(s) :-

Replace date 11-Aug-2026