

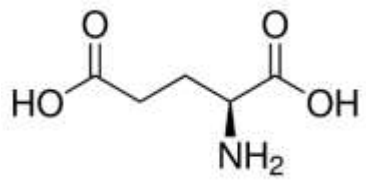


Product Specification

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L-GLUTAMIC ACID FOR BIOCHEMISTRY

PRODUCT CODE	037102
SYNONYMS	[L-a-Aminoglutaric acid]
C.I. NO.	--
CASR NO.	(56-86-0)
ATOMIC OR MOLECULAR FORMULA	C ₅ H ₉ NO ₄
ATOMIC OR MOLECULAR WEIGHT	147.13
PROPERTIES	Practically in soluble in methanol, ethanol, ether, acetone and cold glacial acetic acid. Sublimes at 200°C



PARAMETER	LIMIT
Description	White crystalline powder.
Solubility	5% solution in dilute HCl is clear and colourless.
Minimum Assay (Non-aqueous)	99.0%
Specific Rotation [(α) D ₂₀ C=2 in 10% HCl]	+30° to +32°

MAXIMUM LIMIT OF IMPURITIES	
Sulphated ash	0.1%
Ammonium (NH ₃)	0.02%
Chloride (Cl)	0.03%
Sulphate (SO ₄)	0.03%
Iron (Fe)	0.001%
Loss on drying (at 110°C)	0.5%
Heavy Metals (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 :--
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Hazard Pictogram(s) : --