



Product Specification

cdhfinechemical.com

SODIUM-L-GLUTAMATE

PRODUCT CODE	037106
SYNONYMS	(L-Glutamic acid sodium salt)
C.I. NO.	--
CASR NO.	(6106-04-3)
ATOMIC OR MOLECULAR FORMULA	$C_5H_8O_4NNa.H_2O$
ATOMIC OR MOLECULAR WEIGHT	187.13
PROPERTIES	Slightly levorotatory in water, but dextrorotatory in acid solution. Sparingly soluble in alcohol.



PARAMETER	LIMIT
Description	White, needle shape crystals/ crystalline powder.
Solubility	Soluble in water forming a clear solution.
Minimum Assay (Non-aqueous)	99.0%
pH of 10% solution in water	6.00 - 8.00
Specific rotation $(\alpha)_D^{20}$ (C=2, in 5N HCl)	+ 23° to + 25°

MAXIMUM LIMIT OF IMPURITIES

Iron (Fe)	0.001%
Lead (Pb)	0.001%

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

DANGER-- Hazard statements : -- Precautionary statements-- Prevention : -- Response : --	IMDG Code : UN No. : IATA :
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Disposal: -- Hazard Pictogram(s) :--
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Replace Date 28-May-2026