

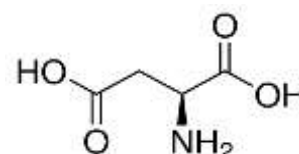


Product Specification

cdhfinechemical.com

L-ASPARTIC ACID DIAGNOSTIC USE

PRODUCT CODE	G02250
SYNONYMS	--
C.I. NO.	--
CASR NO.	(56-84-8)
ATOMIC OR MOLECULAR FORMULA	C ₄ H ₇ NO ₄
ATOMIC OR MOLECULAR WEIGHT	133.10
PROPERTIES	--



PARAMETER	LIMIT
Description	White crystals or crystalline powder.
Solubility	2% solution in 5N HCl is clear and colourless.
Identification (IR Spectrum)	Passes test
Minimum Assay (NaOH Titration)	99.0%
pH (0.5% aq. solution)	2.5-3.5
Specific Rotation (α) _D ^{20°} (2% in 5N HCl)	+ 24° to + 26°

MAXIMUM LIMIT OF IMPURITIES

Loss on drying	0.2%
Residue on ignition	0.1%
Chloride (Cl)	0.02%
Sulphate (SO ₄)	0.02%
Iron (Fe)	0.001%
Ammonium (NH ₄)	0.02%
Heavy Metals (Pb)	0.001%
Arsenic (As)	0.0001%

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

WARNING

Hazard statements: Not hazardous. No hazards.

Precautionary statements

Prevention: -----

Response: ---.

IMDG Code :--

UN No. :--

IATA :--

Disposal: Dissolve the chemical in dilute acid and neutralize the excess acid with sodium carbonate and run to the normal waste with large amount of water. Any sand used to cover spillage should be thoroughly washed with water before disposal as normal waste. Alternatively the neutralized solution can be put in a container and disposed off.

Hazard Pictogram(s) :--