

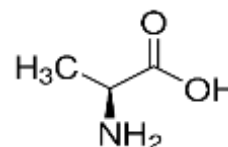


Product Specification

cdhfinechemical.com

L-ALANINE DIAGNOSTIC USE

PRODUCT CODE	G01785
SYNONYMS	--
C.I. NO.	--
CASR NO.	(56-41-7)
ATOMIC OR MOLECULAR FORMULA	CH ₃ CH(NH ₂)COOH
ATOMIC OR MOLECULAR WEIGHT	89.09
PROPERTIES	--



PARAMETER	LIMIT
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Description	White to off white crystalline powder.
Solubility	5% solution in 1M HCl is clear and colourless to faint yellow.
Minimum Assay (NT)	99.0%
pH (5% aq. Solution)	5.7-6.7
Specific rotation [α] (C=10, 6M HCl @20°C)	+ 14.3° to + 15.2°

MAXIMUM LIMIT OF IMPURITIES

Loss on drying	0.2%
Sulphated ash	0.05%
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.

DANGER

Hazard statements :-----
Precautionary statements
Prevention:-----
Response:-----

Disposal: -----

Hazard Pictogram(s) :-----

IMDG Code : --
UN No. : --
IATA : --