

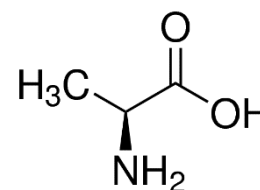


Product Specification

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L-ALANINE FOR BIOCHEMISTRY

PRODUCT CODE	037006
SYNONYMS	--
C.I. NO.	--
CASR NO.	(56-41-7)
ATOMIC OR MOLECULAR FORMULA	CH₃CH(NH₂)COOH
ATOMIC OR MOLECULAR WEIGHT	89.09
PROPERTIES	--



PARAMETER	LIMIT
Description	White to off white crystalline powder.
Solubility	5% solution in 1M HCl is clear and colourless to faint yellow.
Minimum Assay (Non - aqueous)	99.0%
Specific rotation $[\alpha]_D^{20}$ (C = 5, in 1 N HCl)	+ 14° to + 16°

MAXIMUM LIMIT OF IMPURITIES

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

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

DANGER	IMDG Code : -- UN No. : -- IATA : --
Hazard statements :-----	
Precautionary statements	
Prevention:-----	
Response:-----	
Disposal: -----	

Hazard Pictogram(s) :-----

Replace Date 3-June-2019