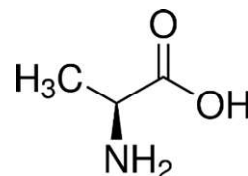




## L-ALANINE FOR BIOCHEMISTRY

PRODUCT CODE	R02016
SYNONYMS	--
C.I. NO.	--
CASR NO.	(56-41-7)
ATOMIC OR MOLECULAR FORMULA	CH <sub>3</sub> CH(NH <sub>2</sub> )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 [α] <sub>D</sub> <sup>20</sup> (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

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

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

Hazard Pictogram(s) :-----