

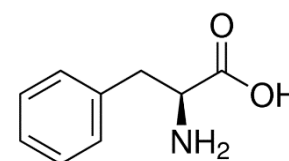


Product Specification

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L-PHENYLALANINE FOR BIOCHEMISTRY

PRODUCT CODE	037138
SYNONYMS	--
C.I. NO.	--
CASR NO.	(63-91-2)
ATOMIC OR MOLECULAR FORMULA	C₆H₅CH₂CH(NH₂)COOH
ATOMIC OR MOLECULARWEIGHT	165.19
PROPERTIES	Plates and leaflets from aqueous solution, hydrated needles from dilute aqueous solution.



PARAMETER LIMIT

Description	White crystalline powder.
Solubility	2% solution in water is clear and colourless.
Minimum Assay (ex N, Non-aqueous)	99.0%
Specific Rotation (α) _D ^{20°} (C=2, in water)	- 35°to - 33°

MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 110°C	0.5%
Sulphated ash	0.1%
Iron (Fe)	0.001%
Lead (Pb)	0.001%

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

WARNING

Hazard statements :Not hazardous. No hazards.

Precautionary statements

Prevention : -----

Response : ---

Disposal : Dissolve the chemical to be disposed, in water and allow it to run to waste, diluting with large quantities of water. The chemical should be mixed combustible solvent and burnt in a chemical incinerator equipped with burner and scrubber.

Hazard Pictogram(s) :-----

IMDG Code :

UN No. :

IATA :