

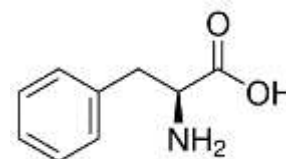


Product Specification

cdhfinechemical.com

L-PHENYLALANINE FOR BIOCHEMISTRY

PRODUCT CODE	037138
SYNONYMS	--
C.I. NO.	--
CASR NO.	(63-91-2)
ATOMIC OR MOLECULAR FORMULA	$C_6H_5CH_2CH(NH_2)COOH$
ATOMIC OR MOLECULARWEIGHT	165.19
PROPERTIES	Plates and leaflets from aqueous solution, hydrated needles from dilute aqueous solution.



PARAMETER	LIMIT
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Description	White crystalline powder.
Solubility	2% solution in hot water is clear and colourless.
Minimum Assay (ex N, Non-aqueous)	99.0%
Specific Rotation (α) D (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 :

Replace Date 11-Aug-2026