

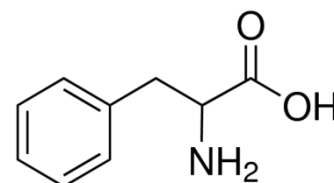


Product Specification

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DL- PHENYLALANINE FOR BIOCHEMISTRY

PRODUCT CODE	037139
SYNONYMS	--
C.I. NO.	--
CASR NO.	(150-30-1)
ATOMIC OR MOLECULAR FORMULA	C₆H₅CH₂CH(NH₂)COOH
ATOMIC OR MOLECULAR WEIGHT	165.19
PROPERTIES	Leaflets or prisms from water and alcohol, sweet tasting,



PARAMETER	LIMIT
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Description	White crystalline powder.
Solubility	1% solution in hot water is clear and colourless.
Minimum Assay (Non-Aqueous)	98.5%
Specific rotation [α] ₂₀ (5% in 1M HCl acid) D	- 0.1 ° to + 0.1°

MAXIMUM LIMIT OF IMPURITIES

Iron (Fe)	0.001%
Heavy metals (as Pb)	0.001%
Loss on drying at 110°C	0.5%
Sulphated ash	0.1%
Ninhydrin-positive substances (TLC)	0.5%

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 with combustible solvent and burnt in a chemical incinerator equipped with burner and scrubber.

Hazard Pictogram(s) :----

IMDG Code :
UN No. :
IATA :