



## L-PHENYLALANINE FOR BIOCHEMISTRY

**PRODUCT CODE** R02864

**SYNONYMS** --

**C.I. NO.** --

**CASR NO.**

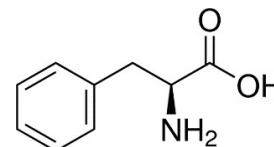
(63-91-2)

**ATOMIC OR MOLECULAR FORMULA**
C<sub>6</sub>H<sub>5</sub>CH<sub>2</sub>CH(NH<sub>2</sub>)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%

20°

- 35°to - 33°

Specific Rotation (α) D

(C=2, in water)

**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.

IMDG Code :

UN No. :

IATA :

**Hazard Pictogram(s) :-----**


GHS05

GHS07

Replace Date 1 April 2023

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