

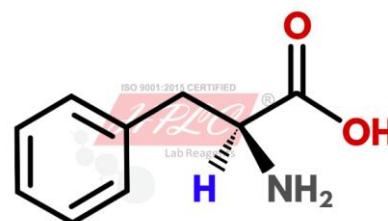


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Product Specification

L-PHENYLALANINE 99% FOR BIOCHEMISTRY

CAT. NO. : 035763
GRADE : LR
CAS NO. : 63-91-2
FORMULA : $C_6H_5.CH_2.CH(NH_2).COOH$
M.W. : 165.19



Minimum assay (non-aqueous) 99.0%
 Specific rotation α^{20}_D (C=2 in water) -35° to -33°

Maximum limits of impurities:

Loss on drying at 110° C	0.5%
Sulphated ash	0.1%
Chloride (Cl)	0.01%
Sulphate (SO ₄)	0.01%
Iron (Fe)	0.001%
Lead (Pb)	0.001%
Ammonium (NH ₄)	0.01%
Homogeneity (TLC)	Passes test

DATE: 01.07.2025

Remarks: The above-mentioned batch material is compliance with the standard specifications of High Purity Laboratory Chemicals Pvt. Ltd.



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