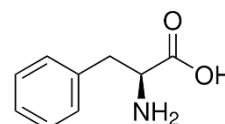


Product Specification

Product Name:

L-Phenylalanine **PurReagent**, >98.0%

Product No.: PSR18312
Brand: PureSynth
CAS No.: 63-91-2
Molecular Formula: C₉H₁₁NO₂
Molecular Weight: 165.19 g/mol



Test	Specification
Appearance	White to off-white powder or crystals
Assay (By HPLC)	> 98.0 %
Solubility (10% Solution in 2N HCl)	Colorless Clear Solution
Loss on Drying	NMT 0.50 %
Specific Rotation (C=2 in H ₂ O at 25 °C)	-34.7 to -32.7 °
Carbon Content	64.1 - 66.7 %
Nitrogen Content	8.2 - 8.8 %
Identification by IR	Conforms to Structure

Specification: PR-1.0-QA/608, Ver. 1.1, 09.01.2026

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For queries on this Specifications, please contact our technical team at technical@pure-synth.com