



CERTIFICATE OF ANALYSIS

PRODUCT NAME : L-PHENYLALANINE FOR BIOCHEMISTRY

CAS No : 63-91-2 Product code : 16780
Mol. Formula : C₉H₁₁NO₂ Batch No : MCR-21199
Mol. WT : 165.19 Mfd. : April 2020
Date of analysis : 16/04/20 Exp. : March 2025

S.R	Test	Specification	Observation
1	Description	White to almost white powder or crystalline powder.	Almost White powder.
2	Assay (HClO ₄ titration)	99 % w/w min	99.83% w/w
3	Heavy metals (as Pb)	0.001% max	< 0.001%
4	Loss on drying at 110°C	0.5% max	0.14%
5	Specific rotation [n] ²⁰ _D (C=2,water)	- 35 to -33 ⁰	- 34 ⁰

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

[QC Incharge]

HEAD-QUALITY ASSUARANCE
(G.G.Salian)

Note: Computer generated image requires no sign.

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