



CERTIFICATE OF ANALYSIS

PRODUCT NAME : L-PHENYLALANINE FOR BIOCHEMISTRY

CAS No	: 63-91-2	Product code:	16780
Mol. Formula	: C₉H₁₁NO₂	Batch No.	: MCR-28383
Mol. WT	: 165.19	Mfd.	: May 2023
Date of analysis	: 28/05/23	Exp.	: April 2028

S.R	Test	Specification	Observation
1	Description	White to almost white powder or crystalline powder.	White powder.
2	Assay (HClO₄ titration)	99 % w/w min	99.48%w/w
3	Heavy metals (as Pb)	0.001% max	< 0.001%
4	Loss on drying at 110°C	0.5% max	0.09%
5	Specific rotation [n]²⁰_D(C=2,water)	- 35 to -33 ⁰	- 34.8 ⁰

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

[QC Incharge]

**CHEMIST
(Priyanka)**

**HEAD-QUALITY ASSURANCE
(G.G.Salian)**

Note: Computer generated image requires no sign.

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