

CERTIFICATE OF ANALYSIS

PRODUCT NAME : L-PHENYLALANINE FOR BIOCHEMISTRY

CAS No	: 63-91-2	Product code:	: 16780
Mol. Formula	: C ₉ H ₁₁ NO ₂	Batch No.	: MCR-32757
Mol. WT	: 165.19	Mfd.	: Dec. 2024
Date of analysis	: 27/12/24	Exp.	: Nov. 2029

S.R	Test	Specification	Observation
1	Description	White to almost white powder or crystalline powder.	Almost white crystalline powder.
2	Assay (HClO₄ titration)	99 % w/w min	99.52%w/w
3	Heavy metals (as Pb)	0.001% max	< 0.001%
4	Loss on drying at 110°C	0.5% max	0.40%
5	Specific rotation [n]²⁰_D(C=2,water)	- 35 to -33 ⁰	- 34.98 ⁰

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]



**CHEMIST
(Shruti)**

[QC Incharge]



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

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Works : Unit I - Plot No. B/9, Unit II - Plot No. B/11, Badlapur M.I.D.C., Opp. Shobhavat Textile Co., Kulgaon, Badlapur (E), Dist.-Thane-421 503.