



CERTIFICATE OF ANALYSIS

PRODUCT NAME : L-ARGININE FOR BIOCHEMISTRY

CAS No : 74- 79- 3
Mol. Formula : C₆H₁₄N₄O₂
Mol. WT : 174.20
Date of analysis : 15/11/22

Product code : 21920
Batch No : MCR-24215-01
Mfd. : Nov. 2022
Exp. : Oct. 2027

S. R	Test	Specification	Observation
1	Description	White to almost white powder, crystalline powder or crystals	White powder.
2	Assay	98.5 – 101.5 %	98.66%
3	Specific rotation $[\alpha]^{20}_D$	+26.3 ⁰ to +27.7 ⁰	+27.4 ⁰
4	Chloride (Cl)	≤ 0.05%	0.04 %
5	Sulphate (SO ₄)	≤ 0.03%	0.018 %
6	Iron (Fe)	≤ 0.003%	0.002%
7	Heavy metals (Pb)	≤ 0.0015%	0.001%
8	Residue on ignition	≤ 0.3%	0.1%
9	Organic volatile impurities	Meets the requirements	Passes

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

**CHEMIST
(Mayuri)**

[QC Incharge]

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

Note: Computer generated image requires no sign.

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



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