

CERTIFICATE OF ANALYSIS

PRODUCT NAME : L-ARGININE MONOHYDROCHLORIDE

CAS No : 1119-34-2

Product code : 21940

Mol. Formula : C₆H₁₄N₄O₂.HCl

Batch No : MCR-29261-01

Mol. WT : 210.66

Mfd. : Sept. 2024

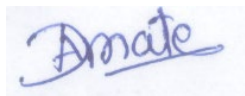
Date of analysis : 18/09/24

Exp. : Aug. 2029

S.R	Test	Specification	Observation
1	Description	White to almost white to Colourless crystalline powder or powder.	Almost white powder.
2	Assay	99 % w/w min	99.80% w/w
3	Specific rotation $[\alpha]^{20}_D$ (C=5, N HCl)	+21 ⁰ to +23 ⁰	+21.99 ⁰
4	Loss on drying at 105°C	0.5% max	0.48%
5	Sulphate (SO ₄)	0.01% max	< 0.01%
6	Iron (Fe)	0.001% max	< 0.001%
7	Heavy metals (as Pb)	0.001% max	< 0.001%
8	Ammonium (NH ₄)	0.01% max	< 0.01%

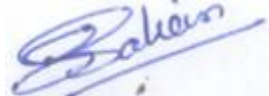
REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]



**CHEMIST
(Deepa)**

[QC Incharge]



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

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