

CERTIFICATE OF ANALYSIS

PRODUCT NAME : L-ARGININE MONOHYDROCHLORIDE

CAS No	: 1119-34-2	Product code	: 21940
Mol. Formula	: C ₆ H ₁₄ N ₄ O ₂ .HCl	Batch No	: MCR-32814
Mol. WT	: 210.66	Mfd.	: Jan. 2025
Date of analysis	: 02/01/25	Exp.	: Dec. 2029

S.R	Test	Specification	Observation
1	Description	White to almost white to Colourless crystalline powder or powder.	White crystalline powder.
2	Assay	99 % w/w min	99.52% w/w
3	Specific rotation $[\alpha]^{20}_D$ (C=5, N HCl)	+21 ⁰ to +23 ⁰	+21.94 ⁰
4	Loss on drying at 105°C	0.5% max	0.10%
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
(Shruti)**

[QC Incharge]



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

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