



CERTIFICATE OF ANALYSIS

Date: 11/08/18

PRODUCT NAME : L-ARGININE MONOHYDROCHLORIDE

CAS No : 1119- 34- 2
Mol. Formula : $C_6H_{14}N_4O_2.HCl$
Mol. WT : 210.66
Exp. : July 2023

Product code : 21940
Batch No : MCR-16693
Mfd. : Aug. 2018

S. R	Test	Specification	Observation
1	Description	White to Colourless crystalline powder or powder.	White powder.
2	Assay	99 % w/w min	99.75% w/w
3	Specific rotation $[\alpha]_D^{20}$ (C=5, N HCl)	+21 ⁰ to +23 ⁰	+22 ⁰
4	Loss on drying at 105°C	0.5% max	0.38%
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]

[QC Incharge]

HEAD-QUALITY ASSUARANCE
(G.G.Salian)

Note: Computer generated image requires no sign.

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