



CERTIFICATE OF ANALYSIS

Date: 04/11/17

PRODUCT NAME : L-ARGININE FOR BIOCHEMISTRY

CAS No : 74- 79- 3
Mol. Formula : $C_6H_{14}N_4O_2$
Mol. WT : 174.20
Exp. : Oct. 2022

Product code : 21920
Batch No : MCR-14681
Mfd. : Nov. 2017

S. R	Test	Specification	Observation
1	Assay	98.5 – 101.5 %	99.77%
2	Specific rotation $[\alpha]^{20}_D$	+26.3 ⁰ to +27.7 ⁰	+27.1 ⁰
3	Chloride (Cl)	≤ 0.05%	0.02 %
4	Sulphate (SO ₄)	≤ 0.03%	0.016 %
5	Iron (Fe)	≤ 0.003%	0.002%
6	Heavy metals (Pb)	≤ 0.0015%	0.001%
7	Residue on ignition	≤ 0.3%	0.08%
8	Organic volatile impurities	Meets the requirements	Passes

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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