CERTIFICATE OF ANALYSIS

PRODUCT NAME : L-ASCORBIC ACID AR FOR BIOCHEMISTRY

CAS No	**: 50-81-7**	**Product code**	**: 21980**
Mol. Formula	**: $C_6H_8O_6$**	**Batch No.**	**: MCAR-00316**
Mol. WT	**: 176.13**	**Mfd.**	**: June 2024**
Date of Analysis	**: 26/06/24**	**Exp.**	**: May 2029**

S.R	Test	Specification	Observation
1	**Description**	White to almost white to very pale yellow powder or crystalline powder.	White powder.
2	**Assay**	99.7 %w/w min	99.83%w/w
3	**Specific rotation $[\alpha]^{20}_D$ (10% Solution)**	$+20.5^0$ to $+21.5^0$	$+20.90^0$
4	**Loss on drying**	0.1% max	0.08%
5	**Sulphated ash**	0.05% max	0.02%
6	**Chloride (Cl)**	0.005% max	< 0.005%
7	**Sulphate (SO_4)**	0.002% max	< 0.002%
8	**Copper (Cu)**	0.0003% max	< 0.0003%
9	**Heavy metals (as Pb)**	0.001% max	< 0.001%
10	**Iron (Fe)**	0.0002% max	< 0.0002%
11	**Lead (Pb)**	0.001% max	< 0.001%

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

Jsnogode.

CHEMIST
(Jyoti)

[QC Incharge]

Salian

HEAD-QUALITY ASSURANCE
(G.G.Salian)

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