



BIO-CHEM CHEMICALS

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CERTIFICATE OF ANALYSIS

Product Name	L-ASCORBIC ACID 99.5% AR FOR BIOCHEMISTRY
CAS No.	50-81-7
Code No.	B-00308
Batch No.	BC01252260
Mfg.Date	JAN-2025
Date of Analysis	30/01/2025
Retest Date	DEC-2030

TEST	SPECIFICATION	RESULT
Appearance	A white to very pale yellow crystalline powder or colourless crystals; odourless. On exposure to light it gradually darkens.	A white to very pale yellow crystalline powder
Assay	99.5-100.5%	99.81%
Identity (IR)	To confirm the structure	Complies
Identification (as per USP, IP)	To comply the tests	Complies
Specific optical rotation ([α] _D ²⁰ ; 10% solution)	+20.5° to +21.5°	+20.5°
Light absorption	Absorbance at about 244 nm is about 0.56	0.601
Oxalic acid	Max 0.3%	0.01%
Loss on drying	Max 0.1%	0.04%
Sulphated ash	Max 0.1%	0.05%
Chloride (Cl)	Max 0.01%	Less than 0.01%
Sulphate (SO ₄)	Max 0.002%	Less than 0.002%

REMARK: This product complies as per the specifications of **BIO-CHEM CHEMICALS**.

This is an electronically generated certificate and is valid without a signature.

For Issues relating to quality you may send us a mail on info@biofinechemical.com or call on **+91-7404210730** Website- www.biofinechemical.com