



CERTIFICATE OF ANALYSIS

Product Name	:	L-ASCORBIC ACID 99.5% AR FOR BIOCHEMISTRY
Code No.	:	00308
Batch No.	:	PC05220296
Mfg. Date	:	MAY-2022
Date Of Analysis	:	21/05/2022
Retest Date	:	APR-2027

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
Appearance of solution	To comply IP test	Complies
Specific optical rotation ($[\alpha]_{20/D}$; 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%
Copper (Cu)	Max 0.0005%	Less than 0.0005%
Heavy metal (as Pb)	Max 0.001%	Less than 0.001%
Iron (Fe)	Max 0.0002%	Less than 0.0002%
Lead (Pb)	Max 0.001%	Less than 0.001%

REMARK : This product complies as per the specifications of **Pallav Chemicals & Solvents Pvt. Ltd.**

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

For Issues relating to Quality you may send us a mail on sales@pallavchemicals.com or call on **022 4928 4000**

Website: www.pallavchemicals.com