

Certificate of Analysis

Product Name: **Ascorbic Acid**

Specification: **BP/USP/FCC**

Batch No.: **TR20250314**

Quantity: **10,000 KGS**

Production Date: **Mar 14-2025**

Expiry Date: **Mar 14-2027**

Items	Unit	Standard	Results
CHARACTERISTICS	-	White or almost white crystalline powder	Conforms
IDENTIFICATION	-	POSITIVE REACTION	POSITIVE
MELTING POINT	°C	ABOUT 190 °C	191 °C
PH VALUE	-	2.1-2.6	2.3
CLARITY OF SOLUTION	-	CLEAR	CLEAR
COLOUR OF SOLUTION	-	≤BY7	< BY7
COPPER	PPM	≤5	<5 PPM
HEAVY METALS (LEAD)	PPM	≤10	<2 PPM
LEAD	PPM	≤2	<2 PPM
IRON	PPM	≤ 2	<2 PPM
ARSENIC	PPM	≤3	<3 PPM
OXALIC ACID	%	≤0.2%	<0.2%
SULPHATE ASH (RESIDUE ON IGNITION)	%	≤0.1%	0.0003
SPECIFIC OPTICAL ROTATION	-	+20.5 ~ +21.5	21.02
ASSAY	%	99.0% ~ 100.5%	0.996
ORGANIC VOLATILE IMPURITIES	-	PASS	PASS

CONCLUSION: THE GOODS CONFORM TO THE STANDARD OF BP2010/USP32/EP6/GB14754-2010/FCCV.

PACKING: 25 KGS/Carton

STORAGE: Stored in a cool,dry environment,strictly prohibited storing and shipping with harmful toxic



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