

LUWEI PHARMACEUTICAL GROUP CO.,LTD.

Shuangfeng Industrial Park,Zichuan District,Zibo City,Shandong,China

CERTIFICATE OF ANALYSIS			
Date of certificate: MAY.25,2025			
Product Name	ASCORBIC ACID	Batch No.	3250122072
Analysis Standard	BP2016/USP39/EP8.8/FCC10/E300	Quantity	18000KGS
Manufacture Date	MAY.2025	Expiry Date	APRIL.2029
PO NO: 4600029755			

Analysis Contents		Analysis Standard	Analysis Results
Characteristics		White or almost White crystals Crystalline Powder	Pass
Identification		Positive Reaction	Positive
Melting Point		About 190℃	191.00℃
PH(with 2% water solution)		2.4-2.8	2.55
PH(with 5% water solution)		2.1-2.6	2.35
Clarity Of Solution		Clear	Clear
Colour Of Solution		≤BY ₇	<BY ₇
Copper		≤2ppm	<2ppm
Heavy Metals		≤10ppm	<10ppm
Mercury		≤0.1mg/kg	<0.1mg/kg
Lead		≤2mg/kg	<2mg/kg
Arsenic		≤3ppm	<3ppm
Oxalic Acid		≤0.2%	<0.2%
Iron		≤2ppm	<2ppm
Impurity E		≤0.2%	<0.2%
Cadmium		≤1ppm	<1ppm
Related Substances	Impurity C	≤0.15% max	<0.15% max
	Impurity D	≤0.15% max	<0.15% max
	Unspecified	≤0.1% max	<0.1% max
Loss on Drying		≤0.4%	<0.4%
Sulphate Ash(Residue On Ignition)		≤0.1%	<0.1%
Specific Optical Rotation		+20.5° - +21.5°	+20.89°
Residual Solvents		Pass	Pass
E-coli		Negative	Pass
Yeast and Mold		100 cfu/g max	Pass
Pseudomonas		Negative	Pass
Staphylococcus		Negative	Pass
Salmonella		Negative	Pass
TOTAL PLATE COUNT		100 CFU/G MAX	100 CFU/G MAX
ORGANIC VOLATILE IMPURITIES		Negative	Negative
30 Mesh passed%			66%
100 Mesh passed%			15%
Assay		99.0%-100.5%	99.62%
Conclusion		The Above-Mentioned Product Conforms To BP2016/USP39/EP8.8/FCC10/E300	

