



魯維制藥集團有限公司

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## CERTIFICATE OF ANALYSIS

LWPC-3C1-25-12-046

Date:5 DEC,2025

Product Name	ASCORBIC ACID	
Analysis Standard	BP/USP/EP/FCC/E300/EU 231 2012	
Batch No.	3250143038	
Quantity	23000kgs	
Manufacture Date	DEC 2025	
Expiry Date	NOV 2029	
Shelf Life	4 Years	
Net/Gross Weight	25.0kgs/26.3kgs	
Analysis Contents	Analysis Standard	Analysis Results
Characteristics	White or almost White crystals Crystalline Powder	Pass
Identification	Positive Reaction	Positive
Melting Point	189°C-193°C	191.0°C
PH(5% solution in water)	2.1-2.6	2.35
PH(2% solution in water)	2.4-2.8	2.55
Clarity Of Solution	Clear	Clear
Colour Of Solution	≤BY7	<BY7
Copper	≤2ppm	<2ppm
Heavy Metals(as Pb)	≤10ppm	<10ppm
Mercury	≤0.1mg/kg	<0.1mg/kg
Lead	<2mg/kg	<2mg/kg
Arsenic	≤3ppm	<3ppm
Cadmium(Cd)	<1mg/kg	<1mg/kg
Oxalic Acid	≤0.2%	<0.2%
Iron	≤2ppm	<2ppm
Loss of Drying	≤0.4%	<0.4%
Related Substances	Impurity C	<0.15%
	Impurity D	<0.15%
	Unspecified impurities	<0.1%
	Total	<0.2%
Sulphate Ash(Residue On Ignition)	≤0.1%	<0.1%
Impurity E	≤0.2%	<0.2%
Residual solvents	Pass	Pass
Specific Optical Rotation	+20.5° - +21.5°	+20.91°
Organic Volatile Impurities	Pass	Pass
E-coli	Negative	Negative
Yeast and Mold	100 cfu/g max	<100 cfu/g
Pseudomonas	Negative	Negative

Staphylococcus	Negative	Negative
Salmonella	Negative	Negative
Mesh	40-80mesh	pass
Assay	99.0%-100.5%	99.60%
Conclusion	<b>The Above-Mentioned Product Conforms To BP/USP/EP/FCC/E300/EU 231 2012</b>	

Approved by: Feng chuanxiao      Rechecker: Jia jinfeng      Tester: Wangmengxue

For and on behalf of  
**鲁维制药集团有限公司**  
 LUWEI PHARMACEUTICAL GROUP CO., LTD



Authorized Signature(S)