



# LUWEI PHARMACEUTICAL GROUP CO.,LTD.

SHUANGFENG INDUSTRIAL PARK,ZICHUAN DISTRICT,ZIBO CIY,SHANDONG,CHINA

Tel:0086-533-6220998

Fax:0086-533-6220993

## CERTIFICATE OF ANALYSIS

Lwpc-2C1-24-11-019

Date of certificate: Nov.2024

Product Name	ASCORBIC ACID	Batch No.	2240142020
Analysis Standard	BP2019/USP42/FCC10/EP8.8/E300	Quantity	10000kgs
Manufacture Date	Nov.2024	Expiry Date	Oct.2028

The goods of this batch are only for Argentina Market

Analysis Contents	Analysis Standard	Analysis Results
Characteristics	White or almost White crystals Crystalline Powder	Pass
Identification	Positive Reaction	Positive
Melting Point	About 190℃-192℃	191.4℃
PH(with 5% water solution)	2.1-2.6	2.34
Clarity Of Solution	Clear	Clear
Colour Of Solution	≤BY <sub>7</sub>	<BY <sub>7</sub>
Copper	≤5ppm	<5ppm
Heavy Metals	≤10ppm	<10ppm
*Mercury	≤0.1mg/kg	<0.1mg/kg
*Cadmium(Cd)	≤1mg/kg	<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%
Loss of Drying	≤0.4%	<0.4%
Sulphate Ash(Residue On Ignition)	≤0.1%	<0.1%
Specific Optical Rotation	+20.5° - +21.5°	+20.90°
Residual Solvents	Pass	Pass
Assay	99.0%-100.5%	99.66%
Conclusion	The Above-Mentioned Product Conforms To BP2019/USP42/FCC10/EP8.8/E300	