

LUWEI PHARMACEUTICAL GROUP CO.,LTD.

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

CERTIFICATE OF ANALYSIS			
Date of certificate:JUNE.06,2023			
Product Name	ASCORBIC ACID	Batch No.	3220143014
Analysis Standard	BP2020/USP43/E300/EP9.8/FCC11	Quantity	18000KGS
Manufacture Date	DEC.2022	Expiry Date	NOV.2025
SERIAL NO OF COA	LWPC-3C1-22-12-016		

Analysis Contents	Analysis Standard	Analysis Results
Characteristics	White or almost White crystals Crystalline Powder	Pass
Identification	Positive Reaction	Positive
Melting Point	About 190°C	190.8°C
PH(with 2% water solution)	2.4-2.8	2.57
PH(with 5% water solution)	2.1-2.6	2.34
Clarity Of Solution	Clear	Clear
Colour Of Solution	≤BY ₇	<BY ₇
Copper	≤5ppm	<5ppm
Heavy Metals	≤10ppm	<10ppm
Mercury	≤0.1ppm	<0.1ppm
Lead	≤2ppm	<2ppm
Arsenic	≤3ppm	<3ppm
Oxalic Acid	≤0.2%	<0.2%
Cadmium	≤1ppm	<1ppm
Iron	≤2ppm	<2ppm
Loss of Drying	≤0.4%	<0.4%
Sulphate Ash(Residue On Ignition)	≤0.1%	<0.1%
Specific Optical Rotation	+20.5° - +21.5°	+20.86°
Residual Solvents	Pass	Pass
Assay	99.0%-100.5%	99.54%
Conclusion	The Above-Mentioned Product Conforms To BP2020/USP43/E300/EP9.8/FCC11	

Approved by: Jia jinfeng

Rechecker:Li Xinying Tester:Liu Yan

