

SHANDONG LUWEI PHARMACEUTICAL CO.,LTD.
Shuangfeng Industrial Park,Zichuan District,Zibo City,Shandong,China

CERTIFICATE OF ANALYSIS			
Date of certificate:MARCH.30,2021			
Product Name	ASCORBIC ACID GRANULAR	Batch No.	3210113116
Analysis Standard	BP2016/USP39/EP9.8/FCC10/E300	Quantity	20000KGS
Manufacture Date	202103	Expiry Date	202402
SERIAL NO OF COA	LWPC-2G-21-03-124		

Analysis Contents	Analysis Standard	Analysis Results
Characteristics	White or almost White crystals Crystalline Powder	Pass
Identification	Positive Reaction	Positive
Melting Point	About 190℃	190.7℃
PH(with 2% water solution)	2.4-2.8	2.43
PH(with 5% water solution)	2.1-2.6	2.36
Clarity Of Solution	Clear	Clear
Colour Of Solution	≤BY ₇	<BY ₇
Copper	≤2ppm	<2ppm
Heavy Metals	≤10ppm	<10ppm
Iron	≤2ppm	<2ppm
Arsenic	≤3ppm	<3ppm
Lead	≤2ppm	<2ppm
Mercury	≤0.1ppm	<0.1ppm
Loss on Drying	≤0.4%	<0.4%
Oxalic Acid	≤0.2%	<0.2%
Impurity E	≤0.2%	<0.2%
Sulphate Ash(Residue On Ignition)	≤0.1%	<0.1%
Specific Optical Rotation	+20.5° - +21.5°	+21.21°
Residual Solvents	Pass	Pass
Assay	99.0%-100.5%	99.74%
Conclusion	The Above-Mentioned Product Conforms To BP2016/USP39/EP9.8/FCC10/E300	

Approved by: Jia jinfeng

Rechecker: Chen Zi

Tester:Xi Yuqi

