

SHANDONG LUWEI PHARMACEUTICAL CO.,LTD.

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

CERTIFICATE OF ANALYSIS

Product Name	ASCORBIC ACID	Batch No.	180133011
Analysis Standard	BP2016/USP39	Quantity	17000KGS
Manufacture Date	SEP.2018	Expiry Date	AUG.2021

Analysis Contents	Analysis Standard	Analysis Results
Characteristics	White or almost White crystals Crystalline Powder	Pass
Identification	Positive Reaction	Positive
Melting Point	About 190°C	190.4°C
PH(with 5% water solution)	2.1-2.6	2.31
Clarity Of Solution	Clear	Clear
Colour Of Solution	≤BY ₇	<BY ₇
Copper	≤5ppm	<5ppm
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%
Loss of Drying	≤0.4%	<0.4%
Sulphate Ash(Residue On Ignition)	≤0.1%	<0.1%
Specific Optical Rotation	+20.5° - +21.5°	+21.12°
Residual Solvents	Pass	Pass
Assay	99.0%-100.5%	99.71% 公司
Conclusion	The Above-Mentioned Product Conforms To BP2016/USP39	

Authorized Signature: s