



SHANDONG LUWEI PHARMACEUTICAL CO.,LTD.

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

CERTIFICATE OF ANALYSIS			
Date of certificate: Mar,2016			
Product Name	Ascorbic acid	Batch No.	201603026
Analysis Standard	BP2015/USP38/FCC9/EP8.5/E300	Quantity	1000kg
Manufacture Date	Mar.2016	Expiry Date	Feb.2019

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 2% water solution)	2.4-2.8	2.51
PH(with 5% water solution)	2.1-2.6	2.32
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°	+21.05°
Residual Solvents	Pass	Pass
Assay	99.0%-100.5%	99.87%
Conclusion	The Above-Mentioned Product Conforms To BP2015/USP38/FCC9/EP8.5/E300	

Approved by: Lichenghui

Rechecker: Zhangranran

Tester:Liping

Authorized Signature(s)