



Qingdao Fochi Biotechnology Co.,Ltd

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CERTIFICATION OF ANALYSIS

Product&Model	Ascorbic Acid	Batch No. :	201704031
Quantity :	20000KGS	Sample From:	MFR DEPT.
production Date:	April, 2017	Expiry Date:	April, 2020

Result of Inspection:

Test Item	BP2015/USP38/E300/FCC9/EP8.5	Test Result
Characters	White or almost white Crystals Crystalline powder	pass
Identification	Positive reaction	Positive
Melting point	About 190°C	190.5°C
PH (with 2% water solution)	2.4---2.8	2.50
PH (with 5% water solution)	2.1---2.6	2.38
Clarity of solution	Clear	Clear
Colour of solution	≤BY ₇	<BY ₇
Copper	≤5ppm	<5ppm
Heavy metals	≤10ppm	<10ppm
Mercury	<0.1ppm	<0.1mg/kg
Lead	<2ppm	<2mg/kg
Arsenic	≤3ppm	<3mg/kg
Cadmium (CD)	<1ppm	<1mg/kg
Oxalic acid	≤0.2%	<0.2%
Iron	≤2ppm	<2ppm
Loss of drying	≤0.4%	<0.1%
Sulphate ash (residue on ignition)	≤0.1%	<0.1%
Specific optical rotation	+20.5° ----+21.5°	+20.85°
Residual Solvents	pass	pass
Organic volatile impurities	Pass	Pass
Assay	99.0%---100.5%	99.56%
SUMMING-UP	The above mentioned product conforms to BP2015/USP38/FCC9/EP8.5/E300.	

Analyst: Wang Honghui

Corrector: Zhang Hailing

Approver: Zhao Jing