

CERTIFICATE OF ANALYSIS

Product Name: Ascorbic Acid

Quantity: 10MTS

Batch No.: 201803028

Date of Certificate: Feb.03,2018

Date of Manufacture: Feb.04, 2018

Date of Expiry: Feb.04,2021

Items	Standard	Results
Appearance	White crystalline powder	White crystalline powder
Identification	Positive	Positive
Clarity of solution	Clear	Clear
Color of solution	≤BY7	<BY7
Assay	99.0~100.0%	99.8%
Loss on Drying	≤0.4%	0.04%
Residue on ignition	≤0.1%	0.03%
Sulphate Ash	≤0.1%	0.03%
Specific rotation	+20.5 ° ~ +21.5 °	+21.00 °
PH(with 2% water solution)	2.4-2.8	2.48
PH(with 5% water solution)	2.1-2.6	2.35
Melting range	About 190 °C	191 °C
Heavy metals	≤3ppm	<3ppm
Iron	≤2ppm	<2ppm
Copper	≤5ppm	<5ppm
Oxalic acid	≤0.2%	<0.2%
Arsenic	≤1ppm	<1ppm
Lead	≤2ppm	<2ppm
Cadmium	≤1ppm	<1ppm
Mercury	≤1ppm	<1ppm
Organic volatile impurities	Meets the requirements	Conform
Related Substances	Impurity C ≤0.15% Impurity D ≤0.15% Any Other Unspecific Impurities Impurity ≤0.10% Total Impurity ≤0.2%	Complies
Total Plate Count	≤1,000cfu/g	<1,000cfu/g
According to BP2010, E300, USP32, FCC7, EP7.		

Tester: Li Jianting

Checked by : Mu Yonghua

Approved by : Luan Shaohua