

R# 17433
6-22-2023

CERTIFICATE OF ANALYSIS			
LWPC-3C1-22-10-138		Date: FEB.08.2022	
Product Name	ASCORBIC ACID	Batch No.	3220141140
Analysis Standard	BP2016/USP43/FCCVIII/E300	Quantity	4500KGS
Manufacture Date	OCT.2022	Expiry Date	SEP.2025
Analysis Contents	Analysis Standard	Analysis Results	
Characteristics	White or almost White crystals Crystalline Powder	Pass	
Identification A Identification B	IR cobform to standard Positive Reaction	Positive	
Melting Point	About 190°C	191.2°C	
PH(with 2% water solution)	2.4-2.8	2.50	
PH(with 5% water solution)	2.1-2.6	2.33	
Clarity Of Solution	Clear	Clear	
Colour Of Solution	≤BY ₇	<BY ₇	
Copper	≤5ppm	<5ppm	
Heavy Metals	≤10ppm	<10ppm	
Mercury	≤0.1 ppm	<0.1 ppm	
Lead	≤0.25 ppm	<0.25 ppm	
Arsenic	≤1ppm	<1ppm	
Oxalic Acid	≤0.2%	<0.2%	
Iron	≤2ppm	<2ppm	
Cadmium(Cd)	<1 ppm	<1 ppm	
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°	+20.86°	
Residual Solvents	Pass	Pass	
Assay	99.0%-100.5%	99.51%	
Total Plate Count	100 cfu/g max		
E-coli	Negative		
Yeast and Mold	100 cfu/g max		
Pseudomonas	Negative		
Staphylococcus	Negative		
Salmonella	Negative		
Conclusion	The Above-Mentioned Product Conforms To BP2016/USP43/FCCVIII/E300		

Approved by: Jia Jinfeng

Rechecker: Li Li

Tester: Li Xinying