

### Certificate of Analysis

Product Name	Ascorbic Acid (Food Grade)	Batch No	SAMPLES
Analysis Standard	FCC11	Quantity	-
Manufacture Date	May.2022	Expire Date	APR-2025

Analysis Contents	Analysis Standard	Analysis Results
Characteristic	White or almost white crystals crystalline powder	Pass
Identification	Positive Reaction	Positive
Melting Point	About 190°C	190.3°C
PH (With 2% Water Solution)	2.4 – 2.8	2.53
PH (With 5% Water Solution)	2.1 – 2.6	2.35
Clarity of Solution	Clear	Clear
Color of Solution	≤BY7	<BY7
Cooper	≤5 ppm	<5 ppm
Heavy Metals	≤10 ppm	<10 ppm
Mercury	≤0.1 mg/kg	<0.1mg/kg
Lead	≤2 mg/kg	<2mg/kg
Arsenic	≤3 ppm	<3 ppm
Oxalic Acid	≤0.2%	<0.2%
Iron	≤2 ppm	<2 ppm
Impurity E	≤0.2%	<0.2%
Loss on Drying	≤0.4%	<0.4%

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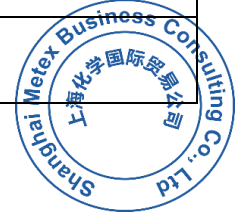
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Sulphate Ash (Residue on Ignition)	≤0.1%	<0.1%	
Specific Optical Rotation	+20.5°	+21.5°	+21.01°
Residual Solvents	Pass	Pass	
Assay	99.0% - 100.5%	99.72%	
Conclusion	The above-mentioned product conforms to: FCC11		



Tester:



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