

Ascorbic Acid

NO.	Analysis Contents	Analysis Standard	Analysis Results
1	Characteristic	White or almost white crystals crystalline powder	Pass
2	Identification	Positive Reaction	Positive
3	Melting Point	About 190°C	190.3°C
4	PH (With 2% Water Solution)	2.4 – 2.8	2.53
5	PH (With 5% Water Solution)	2.1 – 2.6	2.35
6	Clarity of Solution	Clear	Clear
7	Color of Solution	≤BY7	<BY7
8	Cooper	≤5 ppm	<5 ppm
9	Heavy Metals	≤10 ppm	<10 ppm
10	Mercury	≤0.1 mg/kg	<0.1mg/kg
11	Lead	≤2 mg/kg	<2mg/kg
12	Arsenic	≤3 ppm	<3 ppm
13	Oxalic Acid	≤0.2%	<0.2%
14	Iron	≤2 ppm	<2 ppm
15	Impurity E	≤0.2%	<0.2%
16	Loss on Drying	≤0.4%	<0.4%
17	Sulphate Ash (Residue on Ignition)	≤0.1%	<0.1%

18	Specific Optical Rotation	+20.5° +21.5°	+21.01°
19	Residual Solvents	Pass	Pass
20	Assay	99.0% - 100.5%	99.72%
21	Conclusion	The above-mentioned product conforms to: FCC11	

WebSite: ahrarchem.com
Email: Info@ahrarchem.com

Phone: +98 021 33 888 700
Mobile: +98 919 800 48 08