

Ascorbic acid, AR.

C ₆ H ₈ O ₆	FW. 176.12	Density	= 1.65 g/cm ³
CAS-No.	50-81-7	Melting Point	190 °C
Code	AR1299		

Specifications

(Meet A.C.S. Specifications)

Characteristics	White or almost white,
	crystalline powder
Identification	Positive reaction
Clarity of Solution	Clear
Color of Solution	BY ₇ max.
Assay	99.0% - 100.5%
pH	2.1 - 2.6
Sulfated ash	0.1% max.
Specific Rotation	+20.5° - +21.5°
Oxalic Acid	0.2% max.
Loss on Drying	0.4% max.
Organic volatile impurities	Pass
Heavy Metals	0.001% max.
Arsenic (As)	0.0003% max.
Cadmium (Cd)	0.0001% max.
Copper (Cu)	0.0005% max.
Iron (Fe)	0.0002% max.
Lead (Pb)	0.0002% max.
Mercury (Hg)	0.00001% max.

TN_30-10-15

S-QC03-AR-P-0161 / RV.00 / Eff.date 20-01-16