

Typical Product Specifications & Properties

Ascorbic Acid DC-97

CAS Number: : 50-81-7

Specifications	Limits
Slightly Soluble	in alcohol
Oxalic Acid, %	0.2 Max
Sensoric	Powder
Packaging	25-kg
Melting Point	Approx. 190 °C
pH (1 in 20 aqueous solution)	2.1 - 2.6 (5% W/V)
Iron	0.0002 Max
Sulfated Ash	0.1 % Max
Assay %	99.0 - 100.5 %
Origin	China
Residue on ignition; USP <281>	not more than 0.1%
Copper	0.0005 Max

Specifications	Limits
Organic Volatile Impurities	meets the requirements
Clarity & Color of Solution	Clear (BY7 Max)
Heavy Metals; USP <231>	0.002 Max
Specific Optical Rotation	+ 20.5 and +21.5
Insolubility	in ether, chloroform, benzene, petrol. ether, oils, fats
Molecular weight	176.14
Flash Point	99 c
Solubility	water