



## PRODUCT SPECIFICATION

### Vitamin C ~ Ascorbic Acid BP2004/USP28/E300

ITEMS	SPECIFICATION
Appearance:	White Crystalline Powder
Assay:	99.0%-100.5%
Identification:	Positive Reaction
Melting Point:	About 190 °C
PH (5% solution):	2.1-2.6
Clarity Of Solution:	Clear
Colour Of Solution:	BY <sub>7</sub> max
Heavy Metals:	10ppm max
Copper:	5ppm max
Mercury:	1ppm max
Lead:	5ppm max
Arsenic:	3ppm max
Loss Of Drying:	0.4%max
Iron:	2ppm max
Oxalic Acid:	0.2%max
Sulphated Ash ( <i>Residue On Ignition</i> ):	0.1%max
Specific Optical Rotation:	+20.5°-+21.5°
Organic Volatile Impurities:	Pass