



32488

## L-Ascorbic Acid for tissue culture, 99.7%

Part A

CAS : 50-81-7

Molecular Formula : C<sub>6</sub>H<sub>8</sub>O<sub>6</sub>

Molecular Weight : 176.13

### Specifications

Appearance (Colour)	White
Appearance (Form)	Crystalline powder
Solubility (Turbidity) 10% aq. solution	Clear
Solubility (Colour) 10% aq. solution	Colourless
Assay (T)	min. 99.7%
Melting Point	190 - 192°C
pH (5% aq. solution)	2.2 - 2.5
Specific rotation [?]	+20.5° to +21.5° (C=10, water)
Loss on drying	max. 0.1%
Sulphated Ash	max. 0.1%
Chloride (Cl)	max. 0.005%
Sulphate (SO <sub>4</sub> )	max. 0.002%
Iron (Fe)	max. 0.0002%
Heavy Metals (Pb)	max. 0.0005%
DNase, RNase, Protease	Not detected
Suitability for Tissue Culture	Passes

### General Information

Storage	25 to 40°C (Room Temperature)
Shelf Life	60 Months
IMDG Identification	Not Regulated for Transport (Non-Haz)
HSN Code	
100 Gms	29362700 (GST 18%)
500 Gms	29362700 (GST 18%)

### Available Packages

100 Gms

#### Disclaimer

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