

# Product Specification Sheet

## Ascorbic Acid USP

<b>Product:</b>	Ascorbic Acid USP
<b>CAS:</b>	50-81-7
<b>Synonym:</b>	Vitamin C
<b>Formula:</b>	C <sub>6</sub> H <sub>8</sub> O <sub>6</sub>
<b>Class:</b>	Vitamins - Enzymes - Amino Acids
<b>Product Type:</b>	Organic
<b>Hazard:</b>	0 Non-Regulated Material

### SPECIFICATIONS

<b>Sensoric :</b>	Powder
<b>Melting Point :</b>	Approx. 190 °C
<b>pH (1 in 20 aqueous solution) :</b>	2.1 - 2.6 (5% W/V)
<b>Specific Optical Rotation :</b>	+ 20.5 and +21.5
<b>Clarity &amp; Color of Solution :</b>	Clear (BY7 Max)
<b>Copper :</b>	0.0005 Max
<b>Heavy Metals; USP &lt;231&gt; :</b>	0.002 Max
<b>Iron :</b>	0.0002 Max
<b>Oxalic Acid, % :</b>	0.2 Max
<b>Sulfated Ash :</b>	0.1 % Max
<b>Residue on ignition; USP &lt;281&gt; :</b>	not more than 0.1%
<b>Assay % :</b>	99.0 - 100.5 %
<b>Organic Volatile Impurities :</b>	meets the requirements
<b>Origin :</b>	China
<b>Packaging :</b>	25-kg

### Notes:

### About Parchem Trading Ltd.

As a supplier and distributor of Ascorbic Acid USP, we offer a full range of Ascorbic Acid USP Distribution, Import / Export, Logistics and Outsourcing services. Our Global Contacts, state-of-the-art technology, knowledge of the relevant Ascorbic Acid USP Chemistry and the industry, and direct links to the Ascorbic Acid USP Manufacturers, Suppliers and Distributors, enable us to provide high quality Products at very competitive prices in a minimum amount of time.

As a member of the National Association of Chemical Distributors (NACD), Parchem has committed to quality and to fulfill the distribution guidelines set forth in the Responsible Distribution Process.



914.997.1050 or 800.282.3982 [www.parchem.com](http://www.parchem.com)

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