

## SALES PRODUCT SPECIFICATION

<b>Product Name :</b>	<b>Ascorbic Acid</b>
<b>Specification Reference :</b>	<b>99ASC0001U</b>
<b>Issue No :</b>	<b>1</b>
<b>Date of Issue :</b>	<b>24.09.2010</b>

Properties	Value
Complies with	EP/BP/E300
Appearance	White to pale yellow, odourless crystalline solid
Odour	Odorless
Assay	Ascorbic acid, after drying in a vacuum desiccator over sulphuric acid for 24 hours, contains not less than 99 % of C <sub>6</sub> H <sub>8</sub> O <sub>6</sub>
Identification	Positive
Ph of a 2% aqueous solution	Between 2,4 and 2,8
Melting Point	Between 189 °C and 193 °C with decomposition
Specific optional rotation	[α] <sub>D</sub> <sup>20</sup> between + 20,5° and + 21,5° (10 % w/v aqueous solution)
Loss on drying	Not more than 0,4 % after drying in a vacuum desiccator over sulphuric acid for 24 hours
Arsenic	Not more than 3 mg/kg
Lead	Not more than 5 mg/kg
Heavy Metals	Not more than 10 mg/kg
Mercury	Not more than 1 mg/kg
Sulphated Ash	Not more than 0,1 %

<b>Additional Information :</b>

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