

Specification

**L-Cystine (Ph. Eur.) pure, pharma grade**

**A1703**

<b>Solubility:</b>	0.11 g/L (H <sub>2</sub> O)
<b>Physical Description:</b>	Solid
<b>Product Code:</b>	A1703
<b>Product Name:</b>	L-Cystine (Ph. Eur.) pure, pharma grade
<b>Headline Comment:</b>	• All amino acids from AppliChem are of non-animal origin!
<b>Specifications:</b>	<p>Assay (titr., calc. on dried subst.): 98.5 - 101.0 %</p> <p><math>\alpha</math>20°C/D; 2 %, 1 M HCl, calc. on dried subst.: -218° - -224°</p> <p>Appearance of solution: passes test</p> <p>Identity: passes test</p> <p>Sulfated ash: max. 0.1 %</p> <p>Loss on drying: max. 0.5 %</p> <p>Ammonium: max. 0.02 %</p> <p>Chloride: max. 0.02 %</p> <p>Sulfate: max. 0.03 %</p> <p>Fe: max. 0.001 %</p> <p>Ninhydrin positive substances (HPLC)</p> <p>Any other ninhydrin-pos. Subst.: max. 0.2 %</p> <p>Total impurities: max. 0.5 %</p>
<b>WGK:</b>	1
<b>Storage:</b>	RT
<b>Molecular Formula:</b>	C <sub>6</sub> H <sub>12</sub> N <sub>2</sub> O <sub>4</sub> S <sub>2</sub>
<b>M:</b>	240.30 g/mol
<b>CAS:</b>	56-89-3
<b>EINECS:</b>	200-296-3
<b>CS:</b>	29309013

**AppliChem GmbH**

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