

**Product Name****Citric acid anhydrous****Grade: USP****Synonyms**

2-Hydroxypropane-1,2,3-tricarboxylic acid

**CAS Number**

77-92-9

**General Information**

<b>Chemical formula:</b>	C <sub>6</sub> H <sub>8</sub> O <sub>7</sub>	<b>Molar Mass:</b>	192.13 g/mol
<b>Appearance:</b>	White powder	<b>Density:</b>	1.665 g/cm <sup>3</sup> (18 °C)
<b>Solub. in water:</b>	1330 g/l (20 °C)	<b>Melting point:</b>	153 °C
<b>Vapour pressure:</b>	< 0.1 hPa (20 °C)	<b>pH value:</b>	1.7 (100 g/l @ 20°C)
<b>Storage temp.:</b>	Below +30 °C	<b>Cautions:</b>	Irritant
<b>R:</b>	36	<b>S:</b>	26
<b>HS-No.:</b>	2918 14 00	<b>EC-Index-No.:</b>	201-069-1

**Hazard Symbol****Specification**

Assay		99.5 - 100.5	%
Identification (IR)		Conforms	
Heavy metals	≤	10	ppm
Limit of Oxalic acid	≤	0.036	%
Sulfate	≤	0.015	%
Residue on ignition	≤	0.1	%
Melting Point	~	153	°C
Clarity of solution		Conforms	
Color of solution		Conforms	
Readily carbonizable substances		Conforms	
Water	≤	1	%

**Ordering Information**

Volume:	1 Kg	2.5 Kg	5 Kg	10 Kg	20 Kg
<b>Plastic</b>	435.04.01000.02	–	435.04.05000.02	435.04.10000.02	–
<b>Glass</b>	–	–	–	–	–