

Product name:

**Citric acid anhydrous**

**Synonyms:** 2-Hydroxypropane-1,2,3-tricarboxylic acid

**CAS number:** 77-92-9

<i>General information:</i>		
	<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



Safety Information

Grade

ACS

<b>Specification:</b>				
	Assay	≥	99.5	%
	Insoluble matter	≤	0.005	%
	Residue after ignition	≤	0.02	%
	Chloride (Cl)	≤	0.001	%
	Oxalate (C <sub>2</sub> O <sub>4</sub> )		Conforms	
	Phosphate (PO <sub>4</sub> )	≤	0.001	%
	Sulfur Compounds (as SO <sub>4</sub> )	≤	0.002	%
	Iron (Fe)	≤	3	ppm
	Lead (Pb)	≤	2	ppm
	Substances carbonizable by hot sulfuric acid		Conforms	

Ordering code	1 kg	2.5 kg	5 kg	10 kg	25 kg
P.E.	435.16.01000.02		435.16.05000.02	435.16.10000.03	435.16.25000.03
Glass					