

## Product Specification

Product Name: Citric Acid monohydrate \*copoeia  
2-Hydroxypropane-1,2,3-tricarboxylic acid

Item Nr.: 1114 MW: 210.14 g/mol C<sub>6</sub>H<sub>8</sub>O<sub>7</sub>\*H<sub>2</sub>O  
CAS Nr.: 5949-29-1 E.C.Nr.: EINECS: 611-842-9

Parameter	Method	Specification	Unit
Appearance	visual	white or almost white crystalline powder	
Solubility	20% in H <sub>2</sub> O	soluble	
Clarity of solution	Nephelometry	0	NTU
Coloration of sol.	Gardner	1 - 3	
Assay	GC	99.5 - 100.5	%
Water	KF	7.5 - 9.0	%
Sulfated ash		<0.1	%
Oxalates	acc. to EP monogr. 0456	<100	ppm
Sulfate		<150	ppm
A <sub>260</sub>	1M in H <sub>2</sub> O	<0.5	

Storage: Keep well closed at 15-25 °C in a dark and dry place. Compound loses water in dry air or when heated over 36 °C.

For professional use only. Not intended for pharmaceutical use. We do not warrant suitability for any particular application. Consult Safety Data Sheet.

Version/Latest update: 02/30.05.2022