

## Technical data sheet

Product name: **Citric acid monohydrate**

Grade: **Extra pure**

Chemical formula:  $C_6H_8O_7 \cdot H_2O$

Molar mass: 210.14 g/mol

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

General information	
Cas- No.	5949-29-1
Ec-No.	201-069-1
Appearance	colorless or white solid
Boiling point	N/A
Melting point	135-152°C
Flash point	N/A
Spec.density	1.54 g/cm <sup>3</sup> (20°C)
Vapour pressure	< 0.1 hPa (20°C)
Solub. In H <sub>2</sub> O	1630 g/l (20°C)
Storage temp	≤+30 ° C
R:	36
S:	26

Specification	
Assay	≥98.0%
Identification(IR)	Conforms
Appearance	Conforms
Sulfate	≤0.05%
Oxalate (as C <sub>2</sub> H <sub>2</sub> O <sub>4</sub> )	≤0.1%
Water	7.5%–9.0%
Sulfated ash (600°C)	≤0.5%
pH value	~ 1.85 (50 g/l, H <sub>2</sub> O, 25°C)
Bulk density	~ 800 - 1000 kg/m <sup>3</sup>
Ignition temp	345°C (anhydrous subs)

**Symbol:**



**packaging:**

Available Pack	1Kg	5Kg	10Kg
P.E	*	*	*
GLASS	-	-	-