

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; Anhydrous citric 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 ³ (20°C)
Vapour pressure	< 0.1 hPa (20°C)
Solub. In H ₂ O	1630 g/l (20°C)
Storage temp	≤+30 °C
R:	36
S:	26

Specification	
Assay	≥99.5%
Identity(IR)	conforms
Appearance	conforms
Sulfate	≤0.05%
Heavy metals (as pb)	≤0.005%
Oxalate (as C ₂ H ₂ O ₄)	≤0.01%
Water	7.5-8.8%
Sulfated ash (600°C)	≤0.5%
pH value	1.85 (50 g/l, H ₂ O, 25°C)
Bulk density	~ 800 - 1000 kg/m ³
Ignition temp	345°C (anhydrous subs)

Symbol:



packaging:

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



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