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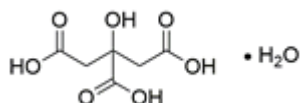
Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

Product Specifications



Catalogue Number 01231

Product

Citric acid monohydrate

2-Hydroxy-1,2,3-propanetricarboxylic acid, monohydrate

CAS Number 5949-29-1

Molecular Formula C₆H₈O₇•H₂O

Molecular Weight 210.1

Appearance Colorless or white solid

Solubility 165 g in 100 mL water at 20 °C

Melting Point 100 °C (Approx.)

Anion
Chloride (Cl⁻) : ≤ 0.001%
Phosphate (PO₄³⁻) : ≤ 0.001%
Sulfate (SO₄²⁻) : ≤ 0.002%
Oxalate (C₂O₄²⁻) : To pass test

Cation
Lead (Pb) : ≤ 2 ppm
Iron (Fe) : ≤ 3 ppm

Insoluble material ≤ 0.005%

Assay by titration 99 - 102%

Grade ACS reagent

Storage Store at RT

Additional Information Substances carbonizable by hot sulfuric acid: To pass test
Residue after ignition : ≤ 0.02%

For Laboratory Use Only