



# Product Specification

## Product Name: CITRIC ACID Monohydrate AR

Alternate Name(s)

### Description

Colourless translucent crystals or powder; odourless; strongly acidic taste; efflorescent in dry air.

### Properties

Chemical Formula:

Molecular Weight: 210.14

Product Code: CA014

CAS No. 5949-29-1

### General Information:

Odourless. Very soluble in water and alcohol. Soluble in ether.

### Hazard and Safety Data

UN Group: None Allocated

Class: None Allocated

UN Number: None Allocated

Hazchem code: None Allocated

CS MSDS Code: 1CHIK

Poison schedule: Not Scheduled

Emergency

Procedure Guide No.: N/A

### Quality Specification

Assay: 99.0-102.0%

### Specific Properties and Impurities [Typical levels]:

Insoluble matter	≤ 0.005%
Residue after ignition	≤ 0.02%
Chlorides (Cl)	≤ 0.001%
Oxalates (C <sub>2</sub> O <sub>4</sub> )	Passes test
Phosphates (PO <sub>4</sub> )	≤ 0.001%
Sulphur compounds (as SO <sub>4</sub> )	≤ 0.002%
Substances carbonizable by hot sulfuric acid	Passes test
Iron (Fe)	≤ 0.0003%
Lead (Pb)	≤ 0.0002%

CONFORMS TO ACS

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