



# Product Specification

## Product Name: CITRIC ACID Monohydrate LR

Alternate Name(s)

### Description

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

### Properties

Chemical Formula:  $C_6H_8O_7 \cdot H_2O$

Molecular Weight: 210.14

Product Code: CL014

CAS No.: 5949-29-1

### General Information:

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

### Quality Specification

Assay: 99.5 - 100.5%

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

Residue on ignition	0.05%
Sulfate (SO <sub>4</sub> )	0.015%
Oxalate (C <sub>2</sub> O <sub>4</sub> )	0.01%
Heavy Metals (as Pb)	0.0005%
Water (H <sub>2</sub> O)	7.5 - 9.0%
Readily carbonizable substances	Passes test

### 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

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