



Product Specification

Product Name: CITRIC ACID Anhydrous AR

Alternate Name(s) beta-Hydroxytricarballic acid; 2-hydroxy-1,2,3-propanetricarboxylic acid.

Description

Colourless crystals or white crystalline powder.

Properties

Chemical Formula:

Molecular Weight: 192.13

Product Code: CA013

CAS No. 77-92-9

General Information:

Very soluble in alcohol, water and ether. Incompatible with oxidising agents. Combustible.

Hazard and Safety Data

UN Group: None Allocated

Class: None Allocated

UN Number: None Allocated

Hazchem code: None Allocated

CS MSDS Code: 1CH1Y

Poison schedule: Not Scheduled

Emergency

Procedure Guide No.: N/A

Quality Specification

Assay: 99.5% min.

Specific Properties and Impurities [Typical levels]:

Water	≤ 0.5%
Sulfated ash	≤ 0.05%
Heavy metals (as Pb)	≤ 0.001%
Oxalates	≤ 0.01%
Readily carbonisable substances	Passes test
Sulfates (SO ₄)	≤ 0.015%
Aluminium (Al)	≤ 0.0001%
Arsenic (As)	≤ 0.0001%
Lead (Pb)	≤ 0.0001%
Mercury (Hg)	≤ 0.0001%

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