



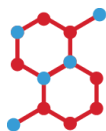
Technical Data Sheet

CITRIC ACID MONOHYDRATE

CAS: 5949-29-1
EINECS: 201-069-1
Molecular weight: 210,14
Chemical formula: C₆H₈O₇·H₂O

Product properties:

Properties	Value
Characters	White or almost white, crystalline powder, colourless crystals or granules, efflorescent
Identification	Passes test
Color&Clarity of Solution	Passes test
Appearance of solution	Passes test
Assay, %	99,5 - 100,5
Water, %	7,5 - 8,8
Readily Carbonisable Substances	Passes test
Sulphated Ash,%	≤ 0,05
Sulphate, ppm	≤ 150
Chlorides, ppm	≤ 5
Oxalates, ppm	≤ 100
Calcium, ppm	≤ 75
Iron, ppm	≤ 1
Aluminum, ppm	≤ 0,2
Arsenic, ppm	≤ 1
Lead, ppm	≤ 0,5
Mercury, ppm	≤ 1
Heavy Metals, ppm	≤ 5
Residue on ignition, %	≤ 0,1
Tridodecylamine, ppm	≤ 0,1
Bacterial endotoxins, IU/mg	≤ 0,5
Volatile organic impurities	Passes test
Solubility	Very soluble in water, freely soluble in ethanol (96 percent)



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Particle Size	8 - 80 mesh
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Product packaging: 25kgs net paper bag, without pallets, 25 mts/20'FCL; with pallets, 22 mts/20'FCL.

Recommendations on handling and storage: Store in cool, dry place in well-closed containers.

Our recommendations are given in good faith and are indicative, the buyer must first test the fit of the raw materials in his own processes.

The properties specified above are taken from the Technical Data Sheet received from the manufacturer.

Edition: 2020 / V1