

Citric Acid Monohydrate (Food Grade)

Chemical formula: C₆H₈O₇ • H₂O

CAS No.: 5949 -29 -1

Rel. mol. weight: 210.14

EINECS No.: 201-069-1

E-No.: E330

Quality standard

Below mentioned quality parameters comply with BP2012(EP27)/USP35/FCC8/E330 standards.

Chemical and physical requirements

Quality parameter

Guaranteed value

Identification	pass test
Clarity and colour of solution	pass test
Content	99.5 – 100.5 %
Barium	pass test
Calcium	max. 10 ppm
Chloride	max. 5 ppm
Iron	max. 1 ppm
Aluminium	max. 0.2 ppm
Sulphate	max. 20 ppm
Oxalates	max. 20 ppm
Heavy metals	max. 1 ppm
Lead	max. 0.5 ppm
Arsenic	max. 0.2 ppm
Residue on ignition	max. 0.03 %
Readily carbonisable substances	pass test
UV absorbance	pass test
Mercury	0
Moisture	7.5 – 8.8 %
Bacterial endotoxins	max. 0.5 I.U./mg
Mesh size	8 - 40Mesh

Description: Colourless crystals or a white, crystalline powder.

Packing: 25 kg multi layer, paper and plastic bags / big bags optionally available.

Storage terms:

Store in indoor, dry warehouse, free of chemical exhalations, in original intact packing.

Recommended storage condition : +5 °C - +30 °C, relative air humidity max. 75 %.

Shelf life: 2 years

Transport regulations: R/S phrases R36 / S24/25

Not classified as dangerous substance according to ADR/RID/GGVS/GGVE/IMDG/IATA/ICAO.

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