

CITRIC ACID MONOHYDRATE

Chemical name: Citric Acid Monohydrate

CAS number: 77-92-9

HS Code: 291814

Packaging details: 25 kg bags.

About product:

Citric acid is a weak organic **acid** that has the molecular formula C₆H₈O₇. It occurs naturally in **citrus** fruits. In biochemistry, it is an intermediate in the **citric acid** cycle, which occurs in the metabolism of all aerobic organisms..

ITEM	STANDARD	ACTUAL DATA	TEST METHOD
Characters	Colourless translucent crystals or as white, fine, crystalline powder	Colourless translucent crystals or as white, fine, crystalline powder	BP
Identification	Pass test	Pass test	BP
Clarity & colour of solution	Pass test	Pass test	BP
Content	99.5-100.5 %	100.0 %	BP
Moisture	7.5-8.8 %	8.5 %	BP
Oxalic Acid	≤ 100 mg/kg	≤ 50 mg/kg	BP
Sulphate	≤ 150 ppm	≤ 30 ppm	BP
Readily Carbonisable Substance	Standard Colour	Standard Colour	BP
Residue on ignition (Sulphate Ash)	≤ 0.05 %	≤ 0.01 %	FCC
Heavy Metals	≤ 10 ppm	< 1 ppm	BP
Arsenic	≤ 1 mg/kg	< 0.1 mg/kg	FP
Lead	≤ 0.5 mg/kg	< 0.1 mg/kg	FCC
Bacterial endotoxins	≤ 0.5 lu/mg	< 0.125	BP
Calcium	≤ 200 ppm	< 50 ppm	BP
Iron	≤ 50 ppm	< 5 ppm	BP
Choloride	≤ 50 ppm	< 10 ppm	BP

Chemical raw materials for keeping your business run continuously