

Product Datasheet

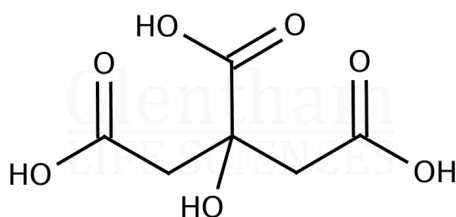
GV4009 - Citric acid, anhydrous, 99.5%, BP, Ph. Eur., USP grade

Product Details

Product Name	Citric acid, anhydrous, 99.5%, BP, Ph. Eur., USP grade
Glenthams Code	GV4009
CAS Number	77-92-9
EINECS	201-069-1
MDL Number	MFCD00011669
PubChem SID	310270361
Related Categories	Biochemicals, Vitamins, Buffers, Organics, Organic Acids

Structure

Molecular Weight : 192.13
Molecular Formula : $C_6H_8O_7$



Storage

Recommended storage temperature: +20°C.

Hazards and Transport

Not classified as dangerous for transport.
CLP Classification STOT SE 3, Eye Irr. 2A
Signal Word Warning
Hazard Codes H335, H319

Precautionary Codes

P261, P304+P340,
P403+P233, P280,
P305+P351+P338

Pictograms



Glenthams Product Specification

Physical Description	: Colourless crystals or white crystalline powder
Identification	: According to BP, Ph. Eur., USP
Appearance of Solution	: To pass test
Sulphate	: ≤ 150ppm
Oxalate	: ≤ 100ppm
Lead (Pb)	: ≤ 0.5ppm
Arsenic (As)	: ≤ 1ppm
Mercury (Hg)	: ≤ 1ppm
Aluminium (Al)	: ≤ 0.2ppm
Heavy Metals	: ≤ 10ppm
Readily Carbonisable Substances	: To pass test
Sulphated Ash	: ≤ 0.05%
Water	: ≤ 0.5%
Assay	: 99.5 - 100.5 % (anhydrous substance)
Pharmacopoeia Specification(s)	: BP, Ph. Eur., USP
Version	: v1.1

About Citric acid, anhydrous, 99.5%, BP, Ph. Eur., USP grade

Found in citrus fruit and extensively used in the food and pharmaceutical industries as an acidifier, flavouring and a chelating agent. Citric acid is a naturally occurring weak organic acid. It is an intermediate in the krebs cycle. Stable in the anhydrous and hydrated forms, citrates are salts of citric acid.

This document was generated electronically and is therefore valid without signature. © Glenthams Life Sciences Ltd, 2024