

Product Datasheet

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

Precautionary Codes

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

Pictograms

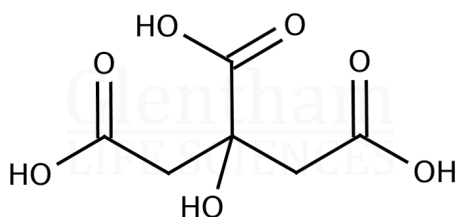


Product Details

| | |
|--------------------|--|
| 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 : C₆H₈O₇



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.

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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