

## Product Datasheet

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

Pictograms

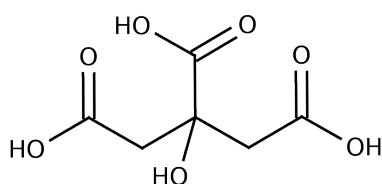


#### Product Details

Product Name	Citric acid, anhydrous, 99.5%, BP, Ph. Eur., USP grade
Glentham 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 <sub>6</sub> H <sub>8</sub> O <sub>7</sub>



#### Storage

Recommended storage temperature: +20°C.

#### Hazards and Transport

Not classified as dangerous for transport.

CLP Classification	Eye Irrit. 2
Signal Word	Warning
Hazard Codes	H319
Precautionary Codes	P305+P351+P338

#### Glentham 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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