

## 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

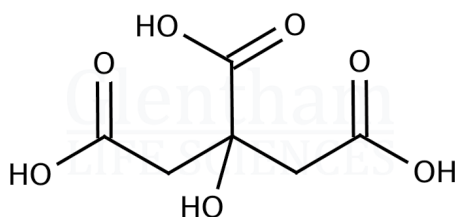


#### Product Details

Product Name	Citric acid, anhydrous, 99.5%, BP, Ph. Eur., USP grade
Glenthams Code	GV4009
CAS Number	77-92-9
EINECS	201-069-1
Numéro MDL	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>



#### 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 Attention  
Hazard Codes H335, H319