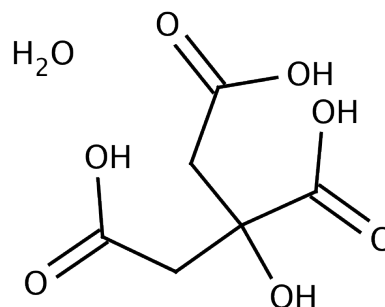


## Product Specification

Product Name : Citric acid monohydrate, Ultrapure  
 Glentham Code : GK9002  
 CAS Number : 5949-29-1  
 EINECS : 201-069-1  
 MDL Number : MFCD00149972  
 PubChem SID : 310270362

Molecular Weight : 210.14  
 Molecular Formula : C<sub>6</sub>H<sub>8</sub>O<sub>7</sub> · H<sub>2</sub>O  
 Storage Temp. : +20°C



Property	Specification
Physical Description	Colourless crystals or white crystalline powder
Identification	According to Ph. Eur.
Solubility	According to Ph. Eur.
Water (KF)	8.1 - 8.7 %
Heavy Metals	≤ 1ppm
Arsenic (As)	≤ 1ppm
Lead (Pb)	≤ 0.5ppm
Mercury (Hg)	≤ 1ppm
Copper (Cu)	≤ 1ppm
Zinc (Zn)	≤ 1ppm
Iron (Fe)	≤ 1ppm
Barium (Ba)	≤ 1ppm
Calcium (Ca)	≤ 10ppm
Magnesium (Mg)	≤ 1ppm
Aluminium (Al)	≤ 0.2ppm
Chlorides	≤ 5ppm
Sulphates	≤ 30ppm
Oxalates	≤ 10ppm
Readily Carbonisable Substances	According to Ph. Eur.
Sulphated Ash	≤ 0.1%
Assay (Titration)	99.8 - 100.5 %
Pharmacopoeia Specification(s)	Ph. Eur.

## Product Specification

Specification Version : v1.0  
Date Created : 2015-09-16

Glenthams Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check [www.glenthams.com](http://www.glenthams.com) or contact us using the details above for the current version of this document.

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