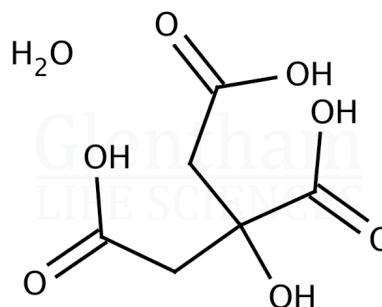


Certificate of Analysis

Product Name	Citric acid monohydrate, Ultrapure
Glenthams Code	GK9002
CAS Number	5949-29-1
EINECS	201-069-1
MDL Number	MFCD00149972
PubChem SID	310270362
Batch Number	076JFU
Molecular Weight	210.14
Molecular Formula	$C_6H_8O_7 \cdot H_2O$
Storage Temp.	+20°C



Property	Specification	Batch 076JFU
Physical Description	Colourless crystals or white crystalline powder	White crystalline powder
Identification	According to Ph. Eur.	Conforms
Solubility	According to Ph. Eur.	Conforms
Water (KF)	8.1 - 8.7 %	8.5%
Heavy Metals	≤ 1ppm	Conforms
Arsenic (As)	≤ 1ppm	Conforms
Lead (Pb)	≤ 0.5ppm	Conforms
Mercury (Hg)	≤ 1ppm	Conforms
Copper (Cu)	≤ 1ppm	Conforms
Zinc (Zn)	≤ 1ppm	Conforms
Iron (Fe)	≤ 1ppm	Conforms
Barium (Ba)	≤ 1ppm	Conforms
Calcium (Ca)	≤ 10ppm	Conforms
Magnesium (Mg)	≤ 1ppm	Conforms
Aluminium (Al)	≤ 0.2ppm	Conforms
Chlorides	≤ 5ppm	Conforms
Sulphates	≤ 30ppm	Conforms
Oxalates	≤ 10ppm	Conforms
Readily Carbonisable Substances	According to Ph. Eur.	Conforms
Sulphated Ash	≤ 0.1%	Conforms
Assay (Titration)	99.8 - 100.5 %	100.4%
Pharmacopoeia Specification(s)	Ph. Eur.	Conforms

Specification Version	v1.0
Manufacture Date	2022-09-01
Re-Test Date	2031-05-20

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 or contact us using the details above for the current version of this document.

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