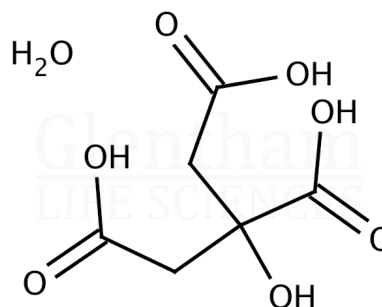


## Certificate of Analysis

Product Name	Citric acid monohydrate
Glentham Code	GK0024
CAS Number	5949-29-1
EINECS	201-069-1
MDL Number	MFCD00149972
PubChem SID	310270363
Batch Number	459PUC
Molecular Weight	210.14
Molecular Formula	$C_6H_8O_7 \cdot H_2O$
Storage Temp.	+20°C



Property	Specification	Batch 459PUC
Physical Description	Colourless crystals to white crystalline powder	Conforms
Identification	According to EP, USP	Conforms
Appearance of Solution	According to EP, USP	Conforms
Water	7.5 - 8.8 %	8.7%
Readily Carbonisable Substances	According to EP, USP	Conforms
Sulphated Ash	≤ 0.05%	0.02%
Sulphate	≤ 150ppm	Conforms
Oxalate	≤ 100ppm	Conforms
Heavy Metals	≤ 10ppm	Conforms
Aluminium	≤ 0.2ppm	Conforms
Assay	99.5 - 100.5 % (anhydrous basis)	100.0%
Pharmacopoeia Specification(s)	EP, USP	Conforms

Specification Version	v1.1
Manufacture Date	2018-11-01
Re-Test Date	2025-04-08

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check [www.glentham.com](http://www.glentham.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. © Glentham Life Sciences Ltd, 2024