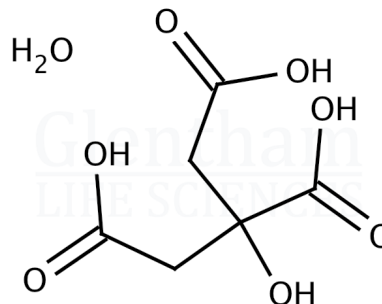


## Certificate of Analysis

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.

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