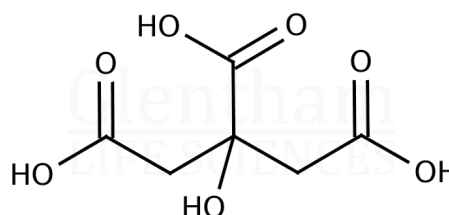


Certificate of Analysis

Product Name	Citric acid, anhydrous, 99.5%, BP, Ph. Eur., USP grade
Glenthams Code	GV4009
CAS Number	77-92-9
EINECS	201-069-1
MDL Number	MFCD00011669
PubChem SID	310270361
Batch Number	521LNM
Molecular Weight	192.13
Molecular Formula	C ₆ H ₈ O ₇
Storage Temp.	+20°C



Property	Specification	Batch 521LNM
Physical Description	Colourless crystals or white crystalline powder	White crystalline powder
Identification	According to BP, Ph. Eur., USP	Conforms
Appearance of Solution	To pass test	Conforms
Sulphate	≤ 150ppm	Conforms
Oxalate	≤ 100ppm	Conforms
Lead (Pb)	≤ 0.5ppm	≤ 0.2ppm
Arsenic (As)	≤ 1ppm	≤ 0.1ppm
Mercury (Hg)	≤ 1ppm	≤ 0.5ppm
Aluminium (Al)	≤ 0.2ppm	Conforms
Heavy Metals	≤ 10ppm	≤ 5ppm
Readily Carbonisable Substances	To pass test	Conforms
Sulphated Ash	≤ 0.05%	≤ 0.02%
Water	≤ 0.5%	0.16%
Assay	99.5 - 100.5 % (anhydrous substance)	99.8%
Pharmacopoeia Specification(s)	BP, Ph. Eur., USP	Conforms

Specification Version	v1.1
Manufacture Date	2021-12-02
Re-Test Date	2031-04-05

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.

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