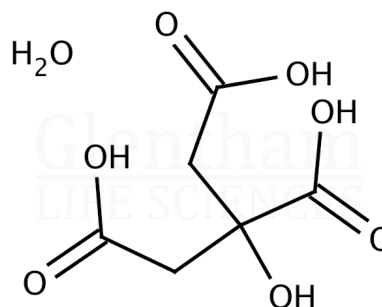


Product Specification

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 ₆ H ₈ O ₇ · H ₂ 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.

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

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

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