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Certificate of Analysis

Product Name Citric acid monohydrate, Ultrapure

 Glentham Code
 GK9002

 CAS Number
 5949-29-1

 EINECS
 201-069-1

 MDL Number
 MFCD00149972

 PubChem SID
 310270362

 Batch Number
 076JFU

OH OH OH

Property Specification Batch 076JFU

Physical Description Colourless crystals or white crystalline powder White crystalline powder

IdentificationAccording to Ph. Eur.ConformsSolubilityAccording to Ph. Eur.ConformsWater (KF)8.1 - 8.7 %8.5%Heavy Metals≤ 1ppmConforms

 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

 Iron (Fe)
 ≤ 1ppm
 Conforms

 Barium (Ba)
 ≤ 1ppm
 Conforms

 Calcium (Ca)
 ≤ 10ppm
 Conforms

 Magnesium (Mg)
 ≤ 1ppm
 Conforms

 Aluminium (Al)
 ≤ 0.2ppm
 Conforms

Chlorides≤ 5ppmConformsSulphates≤ 30ppmConformsOxalates≤ 10ppmConforms

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

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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