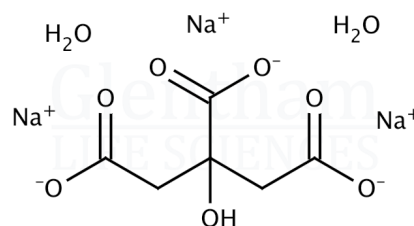


## Certificate of Analysis

Product Name Sodium citrate dihydrate  
Glentham Code GK0137  
CAS Number 6132-04-3  
EINECS 200-675-3  
MDL Number MFCD00150031  
PubChem SID 310280082  
Additional CAS 68-04-2 (anhydrous)  
Batch Number 780CFI

Molecular Weight 294.10  
Molecular Formula  $\text{Na}_3\text{C}_6\text{H}_5\text{O}_7 \cdot 2\text{H}_2\text{O}$   
Storage Temp. +20°C



Property	Specification	Batch 780CFI
Physical Description	White crystalline powder or colourless crystals	White crystalline powder
Identification	According to BP, EP, USP	Conforms
Solubility (10% in water)	Clear, colourless solution	Conforms
pH (5% in water)	7.5 - 9.0	8.8
Acidity or Alkalinity	To pass test	Conforms
Readily Carbonisable Substances	To pass test	Conforms
Chlorides	≤ 50ppm	Conforms
Oxalates	≤ 100ppm	Conforms
Sulphates	≤ 150ppm	≤ 100ppm
Arsenic (As)	≤ 1ppm	Conforms
Heavy Metals (as Pb)	≤ 10ppm	≤ 5ppm
Lead (Pb)	≤ 1ppm	Conforms
Mercury (Hg)	≤ 1ppm	Conforms
Water	11.0 - 13.0 %	12.2%
Assay	99.0 - 101.0 % (anhydrous basis)	99.9%
Pharmacopoeia Specification(s)	BP, EP, USP	Conforms

Specification Version v1.2  
Manufacture Date 2023-02-15  
Re-Test Date 2032-06-14

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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