

Glentham Life Sciences Ltd Unit 5 Leafield Way Corsham SN13 9SW United Kingdom

t: +44 (0) 1225 667 798 f: +44 (0) 2033 978 909 e: info@glentham.com w: www.glentham.com

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 244JOG

Satch Number 244JOC

Molecular Weight 294.10

Molecular Formula $Na_3C_6H_5O_7 \cdot 2H_2O$

Storage Temp. +20°C

H₂O Na⁺ H₂O O Na⁺ O O Na⁺

Property	Specification	Batch 244JOG
Physical Description	White crystalline powder or colourless crystals White crystals	
Identification	According to BP, EP, USP	Conforms
Solubility (10% in water)	Clear, colourless solution	Conforms
pH (5% in water)	7.5 - 9.0	8.5
Acidity or Alkalinity	To pass test	Conforms
Readily Carbonisable Substances	To pass test	Conforms
Chlorides	≤ 50ppm	Conforms
Oxalates	≤ 100ppm	≤ 50ppm
Sulphates	≤ 150ppm	≤ 100ppm
Arsenic (As)	≤ 1ppm	Conforms
Heavy Metals (as Pb)	≤ 10ppm	Conforms
Lead (Pb)	≤ 1ppm	Conforms
Mercury (Hg)	≤ 1ppm	Conforms
Water	11.0 - 13.0 %	12.1%
Assay	99.0 - 101.0 % (anhydrous basis)	99.8%
Pharmacopoeia Specification(s)	BP, EP, USP	Conforms

Specification Version v1.2

Manufacture Date 2024-05-22

Re-Test Date 2033-10-03

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.

This document was generated electronically and is therefore valid without signature. © Glentham Life Sciences Ltd, 2025

Page 1 of 1 Printed: 2025-04-16 18:06:12