

Certificate of Analysis

Product Name:

Sodium citrate dihydrate - ≥99%, FG

Product Number:

W302600

Batch Number:

SHBS4001

Brand:

ALDRICH

CAS Number:

6132-04-3

MDL Number:

MFCD00150031

Formula:

C₆H₅Na₃O₇ · 2H₂O

Formula Weight:

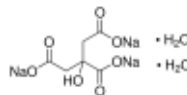
294.1 g/mol

Quality Release Date:

21 MAR 2025

Expiration Date:

JAN 2030



Test	Specification	Result
Appearance (Color)	White	White
Appearance (Form)	Powder or Crystals	Crystals
Infrared Spectrum	Conforms to Structure	Conforms
Titration by HClO ₄	99.0 - 101.0 %	100.4 %
Water (by Karl Fischer)	11.0 - 13.0 %	12.4 %
Loss on Drying 180 °C for 18 hrs	10.0 - 13.0 %	12.2 %
Oxalate < = 100 ppm	Pass	Pass
Arsenic (As)	≤ 1 ppm	< 1 ppm
Cadmium (Cd)	≤ 1 ppm	< 1 ppm
Mercury (Hg)	≤ 1 ppm	< 1 ppm
Lead (Pb)	≤ 2 ppm	< 1 ppm
Expiration Date Period 5 Years	-----	-----

Larry Coers, Director
Quality Control
Milwaukee, WI US

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.

