

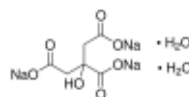
3050 Spruce Street, Saint Louis, MO 63103, USA

Website: www.sigmaaldrich.comEmail USA: techserv@sial.comOutside USA: eurtechserv@sial.com

Product Specification

Product Name:
Sodium citrate tribasic dihydrate - ≥98%

Product Number: **C7254**
CAS Number: 6132-04-3
MDL: MFCD00150031
Formula: $C_6H_5Na_3O_7 \cdot 2H_2O$
Formula Weight: 294.10 g/mol



| TEST | Specification |
|----------------------------------|-----------------------|
| Appearance (Color) | White |
| Appearance (Form) | Powder |
| Solubility (Color) | Colorless |
| Solubility (Turbidity) | Clear |
| 100 mg/mL, H ₂ O | |
| Water (by Karl Fischer) | 9.5 - 14.3 % |
| Proton NMR spectrum | Conforms to Structure |
| Sodium (Na) | 21.1 - 24.6 % |
| Heavy Metals (as Lead) | < = 5 ppm |
| Titration with HClO ₄ | ≥ 98 % |
| Purity (GC) | ≥ 98 % |
| Recommended Retest Period | ----- |
| 5 years | |

Specification: PRD.0.ZQ5.10000046039

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.