

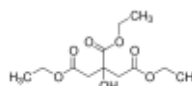
3050 Spruce Street, Saint Louis, MO 63103, USA

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

Product Specification

Product Name:
Triethyl citrate - ≥99%, FCC, FG

Product Number: **W308307**
 CAS Number: 77-93-0
 MDL: MFCD00009201
 Formula: C₁₂H₂₀O₇
 Formula Weight: 276.28 g/mol



| TEST | Specification |
|---------------------------|---------------------------|
| Appearance (Color) | Colorless to Brown-Yellow |
| Appearance (Form) | Liquid |
| Refractive index at 20 °C | 1.440 - 1.444 |
| Infrared spectrum | Conforms to Structure |
| Purity (GC) | ≥ 99.0 % |
| Water (by Karl Fischer) | ≤ 0.25 % |
| Specific Gravity | 1.135 - 1.139 |
| Acidity | ≤ 0.02 % |
| Atomic Absorption | ≤ 2 ppm |
| As Lead | |
| Arsenic (As) | ≤ 3 ppm |
| Cadmium (Cd) | ≤ 1 ppm |
| Mercury (Hg) | ≤ 1 ppm |
| Expiration Date Period | ----- |
| 5 Years | |

Specification: PRD.5.ZQ5.10000008787

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.

