

3050 Spruce Street, Saint Louis, MO 63103, USA

Website: www.sigmaaldrich.com

Email USA: techserv@sial.com

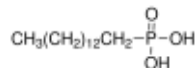
Outside USA: eurtechserv@sial.com

## Certificate of Analysis

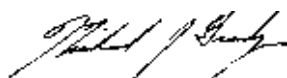
Product Name:

Tetradecylphosphonic acid - 97%

**Product Number:** 736414  
**Batch Number:** MKCC0127  
**Brand:** ALDRICH  
**CAS Number:** 4671-75-4  
**Formula Weight:** 278.37 g/mol  
**Storage Temperature:** Store at 2 - 8 °C  
**Quality Release Date:** 10 FEB 2017



Test	Specification	Result
Appearance (Color)	White to Faint Yellow to Yellow or Faint Brown to Brown	White
Appearance (Form)	Powder or Crystals or Crystalline Chunk(s) or Granule or Flakes	Powder
Proton NMR Spectrum	Conforms to Structure	Conforms
Phosphorus NMR Spectrum	Conforms to Structure	Conforms
Purity (GC)	≥ 96.5 %	99.4 %



Michael Grady, Manager  
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.