

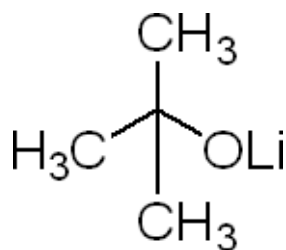
3050 Spruce Street, Saint Louis, MO 63103, USA

Website: [www.sigmaaldrich.com](http://www.sigmaaldrich.com)Email USA: [techserv@sial.com](mailto:techserv@sial.com)Outside USA: [eurtechserv@sial.com](mailto:eurtechserv@sial.com)

## Product Specification

Product Name:  
Lithium tert-butoxide – 97%

Product Number: **400173**  
CAS Number: 1907-33-1  
MDL: MFCD00050479  
Formula: C<sub>4</sub>H<sub>9</sub>LiO  
Formula Weight: 80.05 g/mol



### TEST

### Specification

Appearance (Color)

White to Light Yellow and Faint Beige to  
Light Beige and Faint Brown to Light Brown

May Contain Black Specks

Appearance (Form)

Powder or Solid or Chunk(s)

Infrared spectrum

Conforms to Structure

Titration by HCL

≥ 96.5 %

Specification: PRD.1.ZQ5.10000005241

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](http://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.