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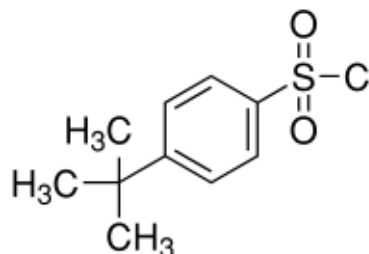
Outside USA: eurtechserv@sial.com

## Certificate of Analysis

Product Name:

4-tert-Butylbenzenesulfonyl chloride - 98%

**Product Number:** 269670  
**Lot Number:** MKBK8642V  
**Brand:** ALDRICH  
**CAS Number:** 15084-51-2  
**MDL Number:** MFCD00007449  
**Formula:** C<sub>10</sub>H<sub>13</sub>ClO<sub>2</sub>S  
**Formula Weight:** 232.73 g/mol  
**Quality Release Date:** 10 MAY 2012



Test	Specification	Result
Appearance (Color)	White to Off-White	White
Appearance (Form)	Conforms to Requirements	Crystals
Powder, Granules or Crystals		
Infrared spectrum	Conforms to Structure	Conforms
Purity (GC)	≥ 97.5 %	> 98.0 %

Jamie Gleason, Manager  
Quality Control  
Milwaukee, Wisconsin 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.