

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:

Potassium benzothiophene-3-trifluoroborate - 95%

Product Number: 773042
Batch Number: SHBC8249
Brand: ALDRICH
CAS Number: 1000160-73-5
Formula: C8H5BF3KS
Formula Weight: 240.09 g/mol
Quality Release Date: 28 NOV 2012

Test	Specification	Result
Appearance (Color)	White to Light Yellow and Faint Beige to Light Beige and Faint Brown to Light Brown	White
Appearance (Form)	Powder or Crystals or Chunk(s) or Powder with Chunk(s) or Crystals with Chunk(s)	Powder
Fluorine NMR Spectra	Conforms to Structure	Conforms
Boron NMR Spectrum	Conforms to Structure	Conforms
Proton NMR Spectrum	Conforms to Structure	Conforms
Carbon	37.6 - 42.4 %	37.8 %
Sulfur (S)	12.6 - 14.2 %	12.7 %
Purity (Titration by NaOH)	94.0 - 106.0 %	99.6 %



Jamie Gleason, Manager
Quality Control
Sheboygan Falls, 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.