

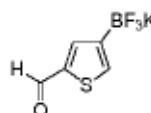
3050 Spruce Street, Saint Louis, MO 63103, USA

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

## Product Specification

Product Name:  
Potassium 5-formylthiophene-3-trifluoroborate - 95%

Product Number: **751995**  
CAS Number: 907604-61-9  
Formula: C<sub>5</sub>H<sub>3</sub>BF<sub>3</sub>KOS  
Formula Weight: 218.05 g/mol



TEST	Specification
Appearance (Color)	White to Tan
Appearance (Form)	Powder or Chunks
Fluorine NMR Spectra	Conforms to Structure
Boron HNMR Spectra	Conforms to Structure
Proton NMR spectra	Conforms to Structure
Carbon	25.9 - 29.2 %
Sulfur (S)	13.8 - 15.6 %
Purity Titration NAOH by HCL	94.0 - 106.0 %

Specification: PRD.1.ZQ5.10000019377

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.