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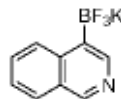
Outside USA: eurtechserv@sial.com

Certificate of Analysis

Product Name:

Potassium 4-isoquinolinetrifluoroborate

Product Number: 723827
Batch Number: MKBK0116V
Brand: ALDRICH
CAS Number: 1111733-07-3
Formula: C₉H₆BF₃KN
Formula Weight: 235.06 g/mol
Quality Release Date: 21 FEB 2013



Test	Specification	Result
Appearance (Color)	White to Yellow and Faint Beige to Beige and Faint Brown to Brown	Faint Beige
Appearance (Form)	Powder or Crystals	Powder
Infrared spectrum	Conforms to Structure	Conforms
Proton NMR Spectrum	Conforms to Structure	Conforms
Fluorine NMR Spectra	Conforms to Structure	Conforms
Boron NMR Spectrum	Conforms to Structure	Conforms
Carbon		45.4 %
Specification: Report Results		
Nitrogen		6.2 %
Specification: Report Results		
Purity (HPLC)	≥ 88.0 %	99.3 %
Boron (B)		4.2 %
Specification: Report Results		
Potassium (K)		14.5 %
Specification: Report Results		
Note	Note	
May contain internal salt		

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.