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Certificate of Analysis

Product Name:

Potassium 3-(trifluoromethyl)phenyltrifluoroborate - 97%

Product Number: 773603
Batch Number: SHBC8248
Brand: ALDRICH
CAS Number: 816457-58-6
Formula: C7H4BF6K
Formula Weight: 252.01 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	32.2 - 34.5 %	32.2 %
Purity (Titration by NaOH)	96.5 - 103.5 %	97.3 %



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.