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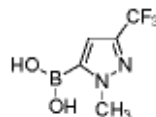
Outside USA: eurtechserv@sial.com

## Certificate of Analysis

Product Name:

1-Methyl-3-trifluoromethyl-1H-pyrazole-5-boronic acid

**Product Number:** 731730  
**Lot Number:** MKBH1395V  
**Brand:** ALDRICH  
**CAS Number:** 344591-91-9  
**Formula:** C<sub>5</sub>H<sub>6</sub>BF<sub>3</sub>N<sub>2</sub>O<sub>2</sub>  
**Formula Weight:** 193.92 g/mol  
**Storage Temperature:** Store at 2 - 8 °C  
**Quality Release Date:** 01 JUN 2011



Test	Specification	Result
Appearance (Color)	White to Faint Yellow to Yellow or Faint Brown to Brown	Off-White
Appearance (Form)	Powder or Crystals	Powder
Infrared spectrum	Conforms to Structure	Conforms
Proton NMR spectra	Conforms to Structure	Conforms
Purity (Titration by NaOH)	≥ 95.0 %	96.9 %
Note	Note	
May Contain Varying Amounts of Anhydride		

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.