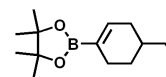


## Certificate of Analysis

Date of Manufacture: 2011-09-14 Date of Analysis: 2011-09-14  
Batch No: A20110914

Catalog No.: AP11558  
Product Name: 4-Ethyl-1-cyclohexenylboronic acid pinacol ester  
Formula:  $C_{14}H_{25}BO_2$   
Molecular Weight: 236.16  
CAS Number: 1092938-90-3



Items	Specifications	Results of Analysis
Appearance:	Colorless to pale yellow liquid	Colorless liquid
<sup>1</sup> H-NMR:	Consistent with structure	Consistent with structure
Assay:	95%min by <sup>1</sup> H-NMR	95%min by <sup>1</sup> H-NMR

Storage: Room Temperature, Dry  
Origin of Country: P. R. China