



Version	00
Molecular weight	210.13
Quality Test / Release Date	12/13/2019
Molecular Formula	C <sub>12</sub> H <sub>23</sub> B O <sub>2</sub>
CAS No	87100-15-0
Linear Formula	
Flash Point (°C)	

## Certificate of Analysis

This is to certify that units of the lot number below were tested and found to comply with the specifications of the grade listed. Certain data have been supplied by third parties. Acros Organics expressly disclaims all warranties, expressed or implied, including the implied warranties of merchantability and fitness for a particular purpose. Products are for research use or further manufacturing. Not for direct administration to human or animals. It is the responsibility of the purchaser, formulator or those performing further manufacturing to determine suitability based upon the intended use of the end product. Products are tested to meet the analytical requirements of the noted grade. The following information is the actual analytical results obtained.

<b>Catalog Number</b>	43140	<b>Quality Test / Release Date</b> 12/13/2019
<b>Lot Number</b>	344233	
<b>Description</b>	Cyclohexylboronic acid pinacol ester, 97%	
<b>Country of Origin</b>	CANADA	
<b>Declaration of Origin</b>	synthetic	

<b>BSE/TSE comment</b>	
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<b>Chemical Comment</b>	
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Result name	Units	Specifications	Test Value
Appearance (Color)		Clear colorless to light yellow	Clear colorless
Appearance (Form)		Liquid	Liquid
Infrared spectrum		Conforms	Conforms
GC		>=96.0 %	97.7 %
NMR (1H-NMR)			Consistent with structure



A handwritten signature in black ink, appearing to read "L. Van den Broek".

L. Van den Broek, QA Manager

Issued: 12-16-2019

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