

# Certificate of Analysis



Product Identification		Chemical Structure
Catalog number	HB1208	
Compound name	2-APB	
Chemical name	2-Aminoethyl diphenylborinate	
Batch number	E0742-1-1	
Batch molecular formula	C <sub>14</sub> H <sub>16</sub> BNO	
Batch molecular weight	225.09	
Method	QC requirement	QC Result
HPLC	Reverse Phase HPLC shows >98% purity	Meets specification: 99.4%
NMR	<sup>1</sup> H NMR in DMSO at 400 MHz consistent with structure	Meets specification
Mass spectrum	Electrospray positive analysis consistent with structure	Meets specification
Microanalysis	Elemental analysis is within 0.4% for the batch molecular formula	Meets specification
Physical appearance	White to off-white solid	Meets specification: White solid
Solubility	Soluble in DMSO (100 mM) and in ethanol (10 mM)	Meets specification
Biological validation		

Produced by

Signature

Passed by

Signature

Date

09-02-18

This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use.