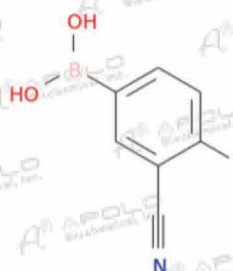


CERTIFICATE OF ANALYSIS

Product Name: Boronic acid, B-(4-chloro-3-cyanophenyl)-

Chemical Structure:



Lot Number: AGN229374601

CAT Number: APL-8713329

CAS Registry Number: 871332-95-5

Manufacture Date: 10/2022

Expiry Date: 10/2024

Molecular Formula: C₇H₅BClNO₂

Molecular Weight: 181.3841

Storage: RT

Analysis Data

Item	Specification	Results
Appearance	Solid	Conforms
¹ H NMR Spectrum	Consistent with the structure	Conforms
Purity	≥ 98 %	98 %

The foregoing is a copy of the Certificate of Analysis as provided by our supplier

Jennifer LaBrecque 11/2022
Quality Assurance Manager

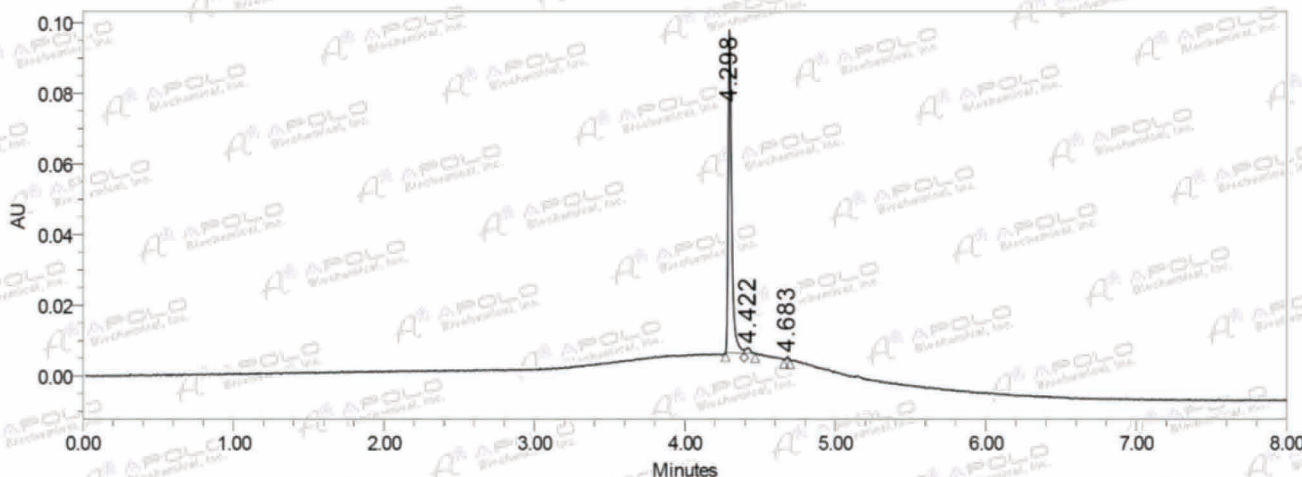
Conclusion: The above product meets the specifications of APOLO

SAMPLE INFORMATION

Sample Name: 20200918-QC025258-58377
Sample Type: Unknown
Vial: 2:A,3
Injection #: 1
Injection Volume: 0.10 ul
Run Time: 10.0 Minutes

Acquired By: System
Sample Set Name: 20200515
Acq. Method Set: 20151126TFA02
Processing Method: 20160511
Channel Name: 280 nm
Proc. Chnl. Descr.: PDA Spectrum PDA 280.0 nm

Date Acquired: 9/19/2020 6:48:08 PM CST
Date Processed: 9/20/2020 9:26:00 AM CST



Processed Channel Descr. PDA Spectrum PDA 280.0 nm (PDA Spectrum (210-400)nm)

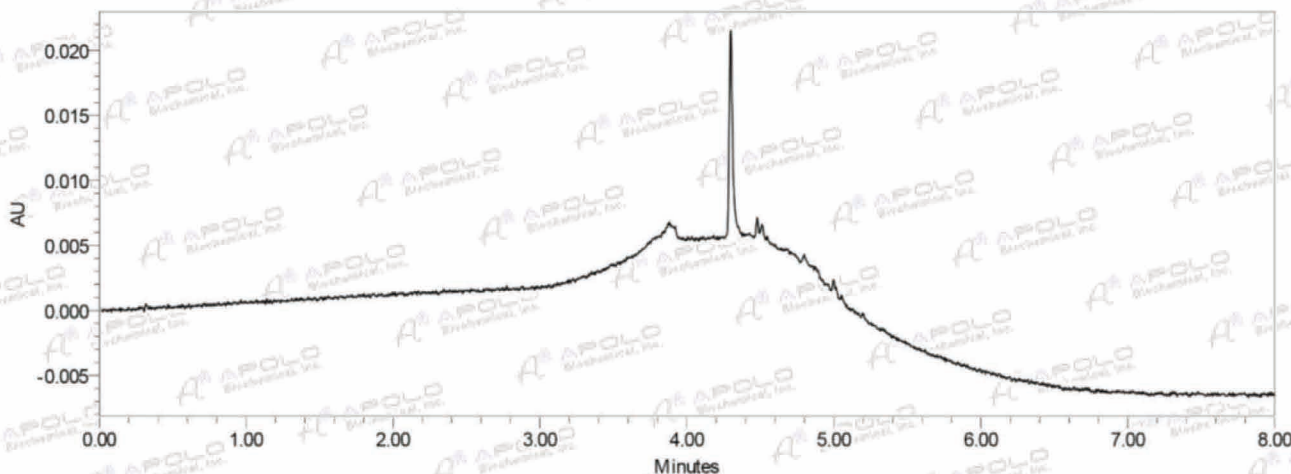
	RT	Area	% Area	Height
1	4.298	148043	97.05	91399
2	4.422	3656	2.40	1611
3	4.683	839	0.55	802

Reported by User: System
Report Method: 20151020 1
Report Method IL 86459
Page: 1 of 3

Project Name: 2020-4-71
Date Printed: 9/20/2020
9:27:00 AM PRC

SAMPLE INFORMATION

Sample Name:	20200918-QC025258-58377	Acquired By:	System
Sample Type:	Unknown	Sample Set Name	20200515
Vial:	2:A,3	Acq. Method Set:	20151126TFA02
Injection #:	1	Processing Method	20160511
Injection Volume:	0.10 ul	Channel Name:	254 nm
Run Time:	10.0 Minutes	Proc. Chnl. Descr.:	PDA Spectrum PDA 254.0 nm
Date Acquired:	9/19/2020 6:48:08 PM CST		
Date Processed:	9/20/2020 9:25:44 AM CST		



Processed Channel Descr. PDA Spectrum PDA 254.0 nm (PDA Spectrum (210-400)nm)

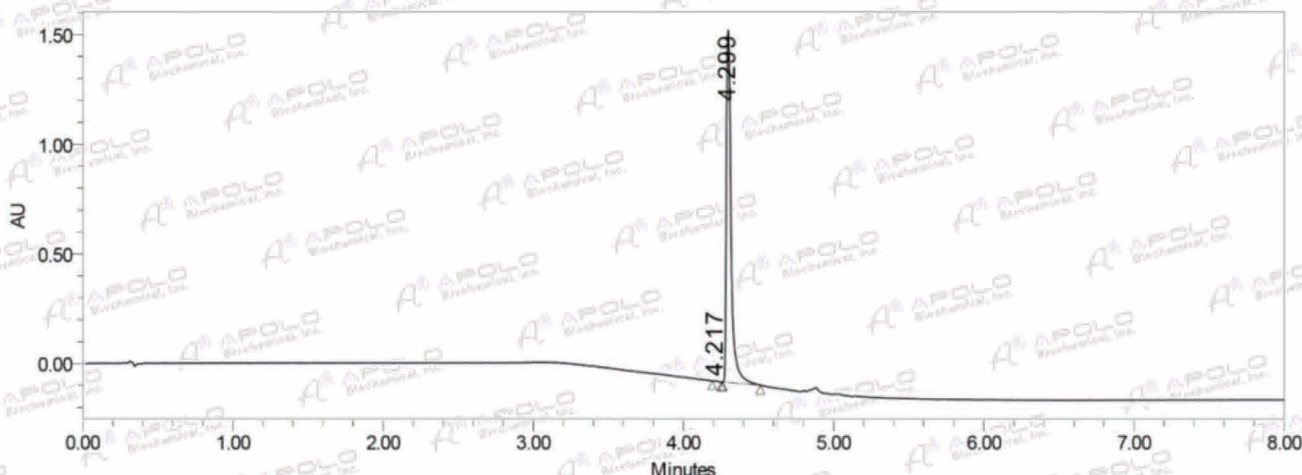
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Reported by User: System
Report Method: 20151020 1
Report Method ID 86459
Page: 2 of 3

Project Name: 2020-4-71
Date Printed:
9/20/2020
9:27:00 AM PRC

SAMPLE INFORMATION

Sample Name:	20200918-QC025258-58377	Acquired By:	System
Sample Type:	Unknown	Sample Set Name	20200515
Vial:	2:A,3	Acq. Method Set:	20151126TFA02
Injection #:	1	Processing Method	20160511
Injection Volume:	0.10 ul	Channel Name:	214 nm
Run Time:	10.0 Minutes	Proc. Chnl. Descr.:	PDA Spectrum PDA 214.0 nm
Date Acquired:	9/19/2020 6:48:08 PM CST		
Date Processed:	9/20/2020 9:25:36 AM CST		



Processed Channel Descr. PDA Spectrum PDA 214.0 nm (PDA Spectrum (210-400)nm)

	RT	Area	% Area	Height
1	4.217	4610	0.13	3265
2	4.299	3520513	99.87	1605494

Reported by User: System
Report Method: 20151020 1
Report Method ID 86459
Page: 3 of 3

Project Name: 2020-4-71
Date Printed:
9/20/2020
9:27:00 AM PRC