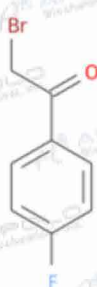


CERTIFICATE OF ANALYSIS

Product Name: 2-Bromo-1-(4-fluorophenyl)ethanone

Chemical Structure:



Lot Number: AGN229868501AG003GO6

CAT Number: APL-0403292

CAS Registry Number: 403-29-2

Manufacture Date: 12/2022

Expiry Date: 12/2024

Molecular Formula: C₈H₆BrFO

Molecular Weight: 217.0350

Storage: 2-8°C

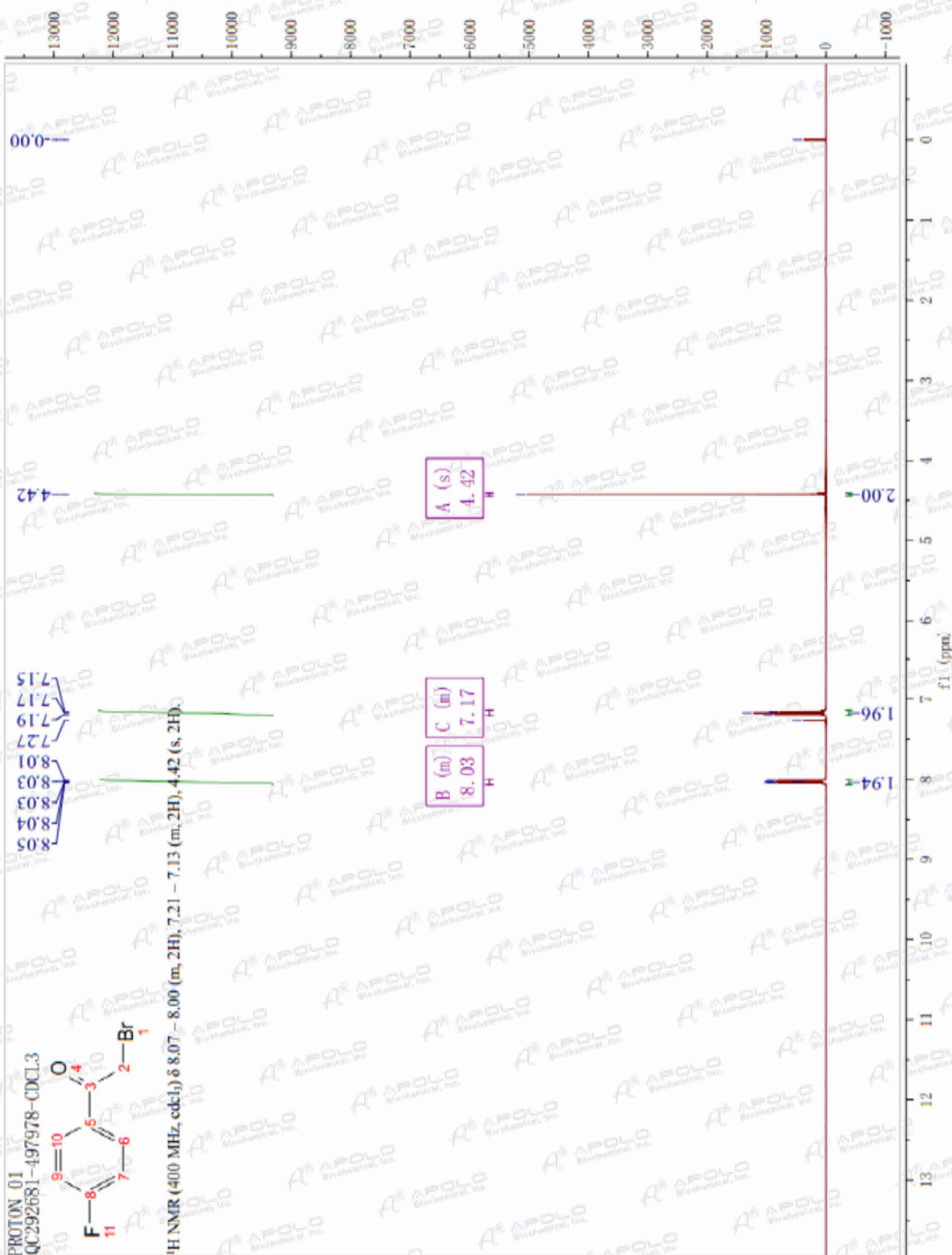
Analysis Data

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

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

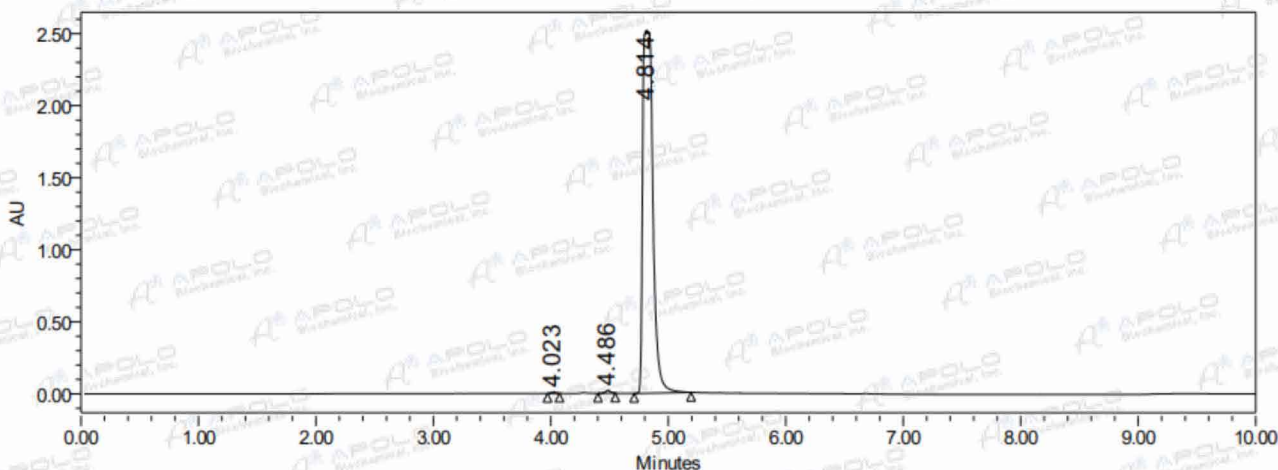
Jennifer LaBrecque 12/2022
Quality Assurance Manager

Conclusion: The above product meets the specifications of APOLO



SAMPLE INFORMATION

Sample Name:	20220121-QC292681-497979	Acquired By:	System
Sample Type:	Unknown	Sample Set Name:	20211024
Vial:	1:D,1	Acq. Method Set:	20171120 TFA02
Injection #:	1	Processing Method:	20171120
Injection Volume:	0.20 ul	Channel Name:	PDA Single 254.0 nm
Run Time:	10.0 Minutes	Proc. Chnl. Descr.:	PDA Spectrum PDA 254.0 nm
Date Acquired:	1/21/2022 4:54:53 PM CST		
Date Processed:	1/21/2022 5:32:18 PM CST		

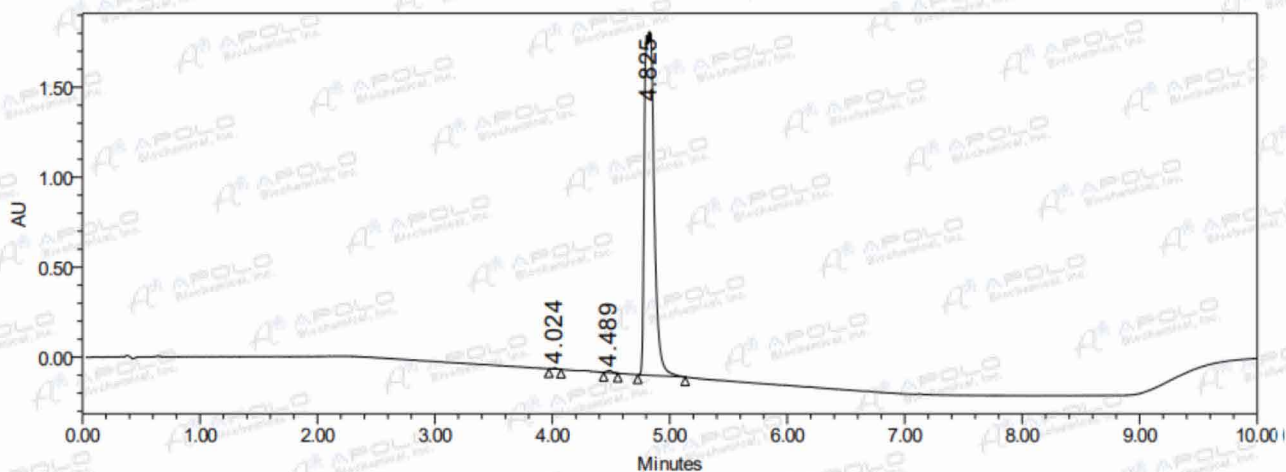


Processed Channel Descr. PDA Spectrum PDA 254.0 nm (PDA Spectrum (190-400)nm)

	RT	Area	% Area	Height
1	4.023	23122	0.15	8792
2	4.486	59559	0.39	19478
3	4.814	15266095	99.46	2516645

SAMPLE INFORMATION

Sample Name:	20220121-QC292681-497979	Acquired By:	System
Sample Type:	Unknown	Sample Set Name	20211024
Vial:	1:D,1	Acq. Method Set:	20171120 TFA02
Injection #:	1	Processing Method	20171120
Injection Volume:	0.20 ul	Channel Name:	214.0nm
Run Time:	10.0 Minutes	Proc. Chnl. Descr.:	PDA Spectrum PDA 214.0 nm
Date Acquired:	1/21/2022 4:54:53 PM CST		
Date Processed:	1/21/2022 5:32:24 PM CST		



Processed Channel Descr. PDA Spectrum PDA 214.0 nm (PDA Spectrum (190-400)nm)

	RT	Area	% Area	Height
1	4.024	12902	0.12	5761
2	4.489	38912	0.35	12263
3	4.825	10962000	99.53	1905953