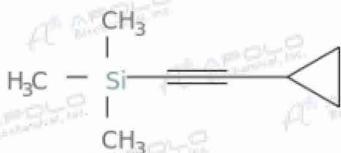


CERTIFICATE OF ANALYSIS

Product Name: 3'-Bromo-4'-fluoroacetophenone

Chemical Structure:



Lot Number: AGN2272802511
CAT Number: APL-CCPC-0081166
CAS Registry Number: 81166-84-9
Manufacture Date: 05/2022
Expiry Date: 05/2025
Molecular Formula: C₈H₁₄Si
Molecular Weight: 138.2823
Storage: 2-8°C

Analysis Data

Item	Specification	Results
Appearance	liquid	Conforms
HNMR	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 06/2022
Quality Assurance Manager

Conclusion: The above product meets the specifications of APOLO



Area Percent Report

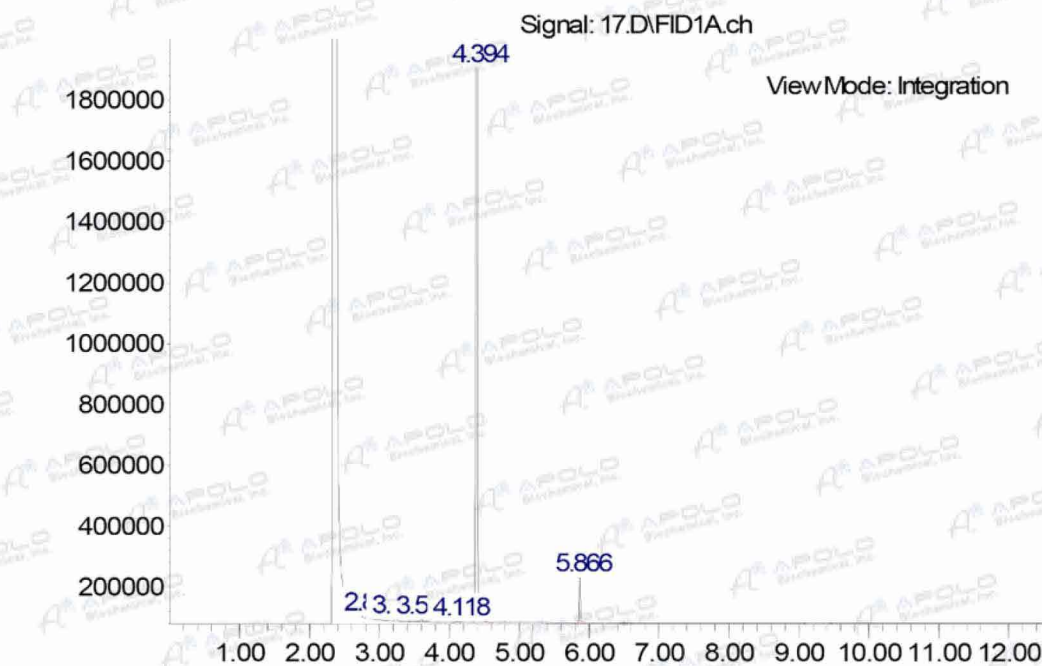
Data Path : D:\DATA\202010\19\
Data File : 17.D
Signal(s) : FID1A.ch
Acq On : 19 Oct 2020 14:24
Sample : SY109530-R20100226
Misc :
ALS Vial : 111 Sample Multiplier: 1

Integration File: autoint1.e

Method : D:\DATA\202009\24\8.D\GC-1.M

Title :

Response_



Time

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max	% of total
1	2.843	2.824	2.867	M	6983	78136	0.08%	0.074%
2	3.243	3.191	3.305	BB	7436	102506	0.10%	0.097%
3	3.592	3.526	3.713	BB	7471	210085	0.20%	0.200%
4	4.118	4.058	4.185	BB	4196	73074	0.07%	0.069%
5	4.394	4.318	4.636	BB	8297421	103224145	100.00%	98.055%

6 5.866 5.796 5.948 BB 150027 1583730 1.53% 1.504%

Sum of corrected areas: 105271677

