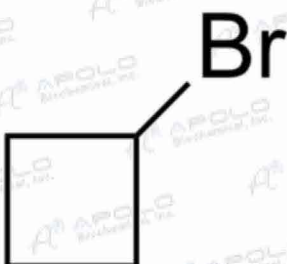


CERTIFICATE OF ANALYSIS

Product Name: Bromocyclobutane

Chemical Structure:



Lot Number: 285906CS0044363

CAT Number: APL-4399477

CAS Registry Number: 4399-47-7

Manufacture Date: 01/2023

Expiry Date: 01/2025

Molecular Formula: C₄H₇Br

Molecular Weight: 135.0000

Storage: -20°C

Analysis Data

Item	Specification	Results
Appearance	Colorless to light yellow (Liquid)	Conforms
¹ H NMR Spectrum	Consistent with the structure	Conforms
Purity	≥ 99 %	99.96 %
Water (KF)	≤ 0.50 %	0.03 %

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



Jennifer LaBrecque 02/2023
Quality Assurance Manager

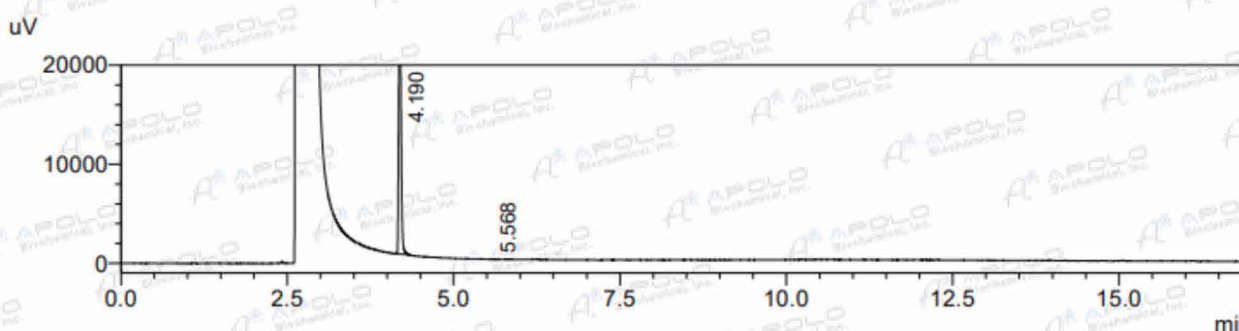
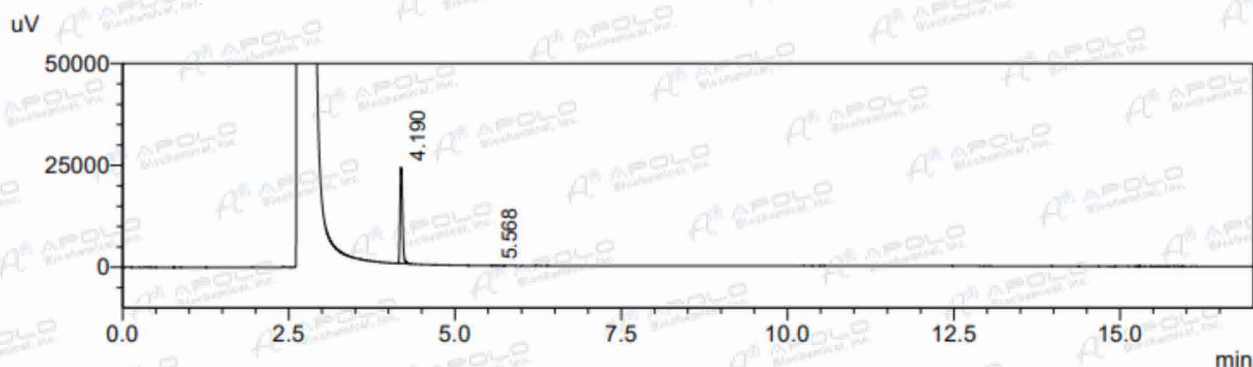
Conclusion: The above product meets the specifications of APOLO

Sample Name : LJC202212150253
Sample ID : 1115003-20221215190650
Data Filename : LJC202212150253.gcd
Method Filename : GC-FQ.gcm
Batch Filename : 20221220.gcb
Vial # : 67
Injection Volume : 1 uL
Date Acquired : 12/20/2022 5:05:11 PM
Date Processed : 12/21/2022 9:10:00 AM

CAS NO. : 4399-47-7
Sample Type : Unknown

Acquired by : System Administrator
Processed by : System Administrator

<Chromatogram>



<Peak Table>

Peak#	Name	Ret. Time	solution(US	Area	Height	Area%
1		4.190	--	61880	23536	99.967
2		5.568	24.576	20	19	0.033
Total				61901	23555	100.000

