

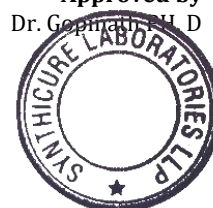
CERTIFICATE OF ANALYSIS

Product Name	1,1-Dichloroethene, Analytical standard		
Synonyms	1,1-Dichloroethene		
CAS No	75-35-4		
Product code	SYI0057	Batch No	LDIBF0519
Molecular Formula	C ₂ H ₂ Cl ₂	Molecular Weight	96.94
Mfg. Date	Mar-26	Expiry Date	Apr-27
Storage Conditions	Store at -20 to 2 °C temperature, tightly closed container		

Test	Specification	Results
Description	Colour less liquid	Colour less liquid
Identification by IR	Confirms to the structure	Confirms to the structure
Identification by H¹ NMR	Confirms to the structure	Confirms to the structure
Purity by GC	98.00%	99.19%

Remarks: Based on NMR, IR spectra and other Analytical data, the material confirms to the above structure.

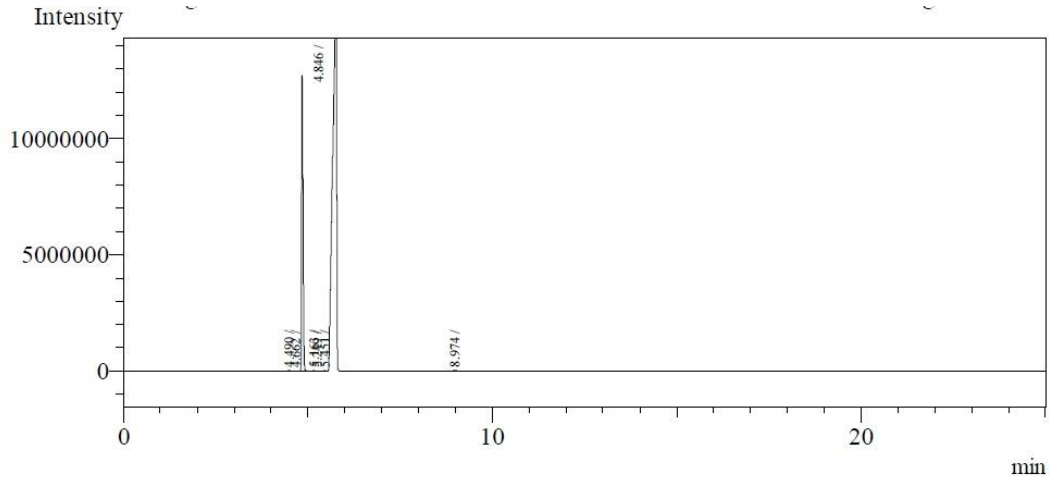
Approved by
Dr. Gopinath, M. D



Computer Generated document, Does not require any Signature.

Analytical GC Report

Sample ID : **LDIBF0519**
 Data File : C:\EZChrom Elite\Enterprise\Projects\2026\MAY-2026\DATA\19052026003.dat
 Method : C:\EZChrom Elite\Enterprise\Projects\2026\MAY-2026\METHOD\PBMPL.met
 Acquired : 19-05-2026 14:42:30
 Printed : 20-05-2026 13:10:03

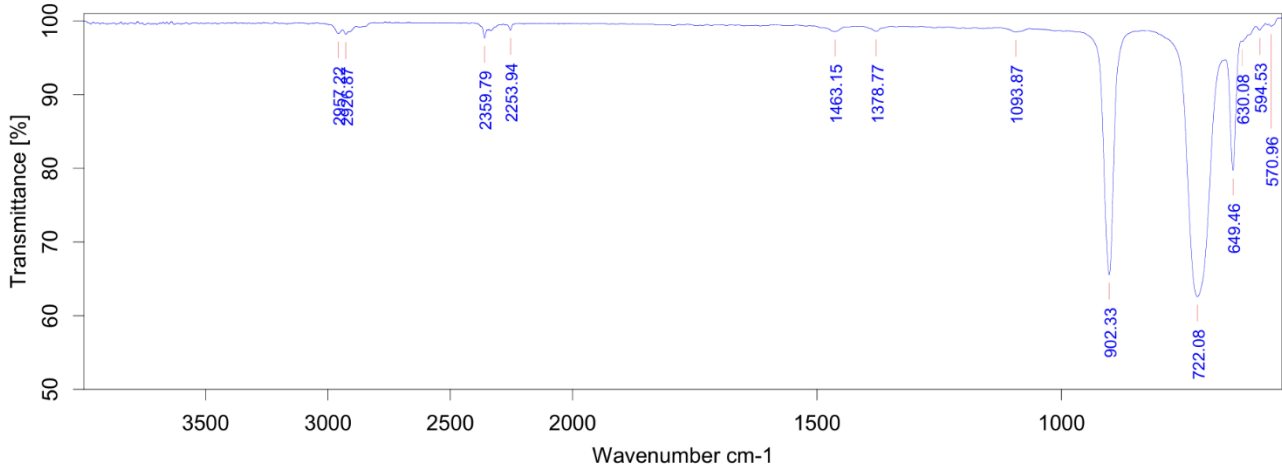


Peak Table - Channel 1

Peak#	Ret. Time	Area	Height	Area%	Name
1	4.490	45364	14741	0.136	
2	4.662	6939	2194	0.021	
3	4.846	33164260	12612478	99.196	
4	5.163	40606	14389	0.121	
5	5.249	5593	1510	0.017	
6	5.451	37711	13534	0.113	



Identification by IR spectrometry (MS)



Path/File Name:D:\2026\MAY-2026\ LDIBF0519

Sample Name:

Experiment:MAY-2026.XPM

Lot No./Batch No: LDIBF0519

Resolution:2

Date & Time:5/20/2026,8:37:09 PM

Sample Scans:16

Operator Name:SPARK

Frequency Range:4000 to 550

"D:\2026\MAY-2026\HAS-DCEE-0526-F-

- Peak Table TR
- Peak Picking

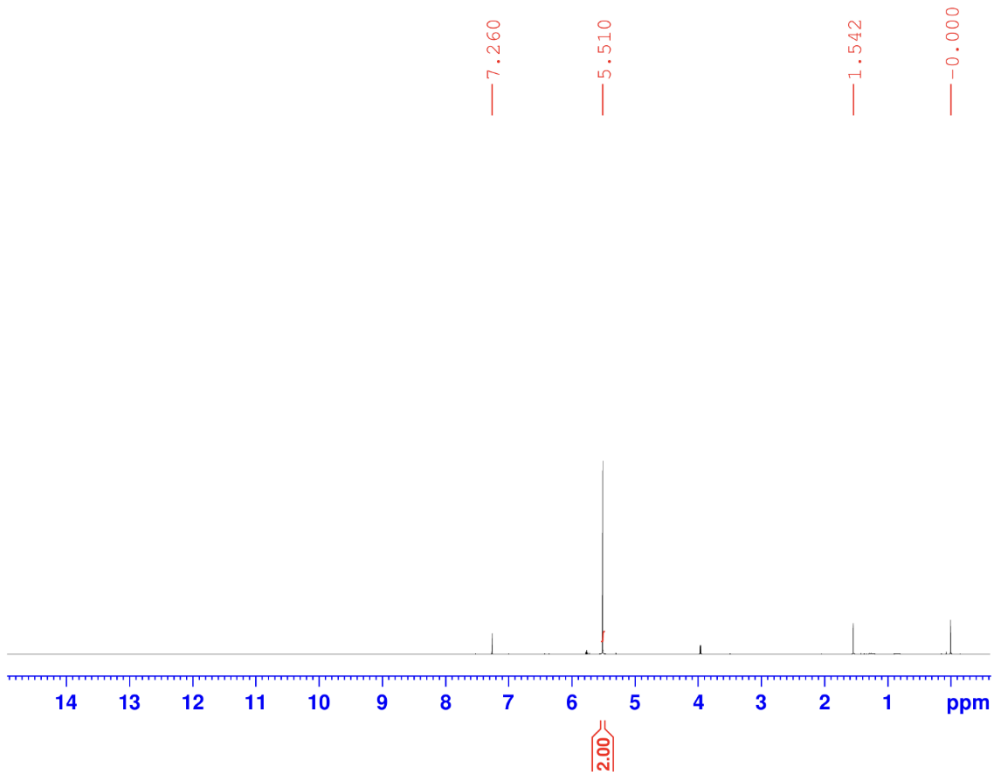
Peak Picking	Values
Method:	Standard
Searched for minima:	Yes
Number of peaks:	13
Sensitivity > [%]:	20.000000
From:	4278.909000
to:	501.327343
Absolute peak height >	0.000000
Relative peak height < [%]	0.000000
Absolute peak height <	0.000000

Wavenumber	Abs. intensity	Rel. intensity	Width	Found if threshold <	Shoulder
902.3305	0.656	0.332	21.3120	87.676231	0
722.0782	0.626	0.371	49.1686	98.091782	0
649.4591	0.797	0.160	11.8494	39.770557	0
2957.2220	0.983	0.005	16.7348	32.727459	0
2926.8705	0.982	0.017	78.0079	127.765511	0
2359.7898	0.977	0.020	13.8244	98.515366	0
2253.9372	0.988	0.009	12.0818	82.982506	0
1463.1528	0.986	0.008	25.9183	89.860893	0
1378.7750	0.986	0.007	19.1782	98.885246	0
594.5314	0.988	0.007	40.4273	2.484459	0
570.9606	0.993	0.006	18.0843	4.266607	0
1093.8681	0.985	0.005	27.0381	75.094070	0
630.0850	0.972	0.001	69.0738	0.209544	0



Identification by NMR: H1NMR

Lot No : LDIBF0519



Current Data Parameters

NAME LDIBF0519 1
EXPNO 1
PROCNO 1

F2 - Acquisition Parameters

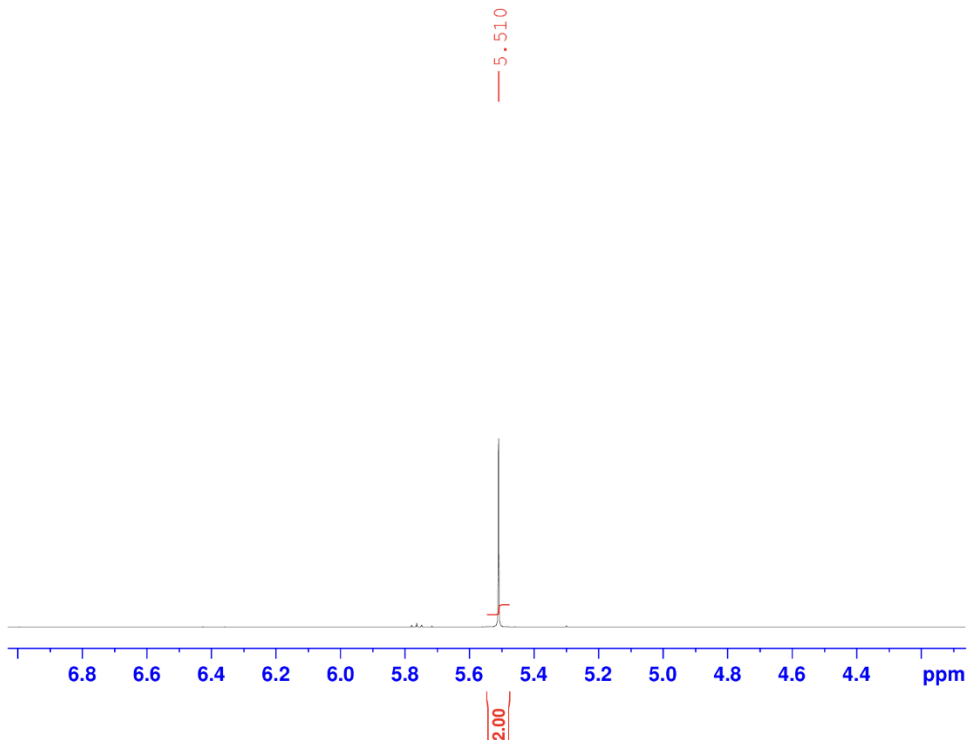
Date_ 20260518
Time 15.54
INSTRUM Avance
PROBHD Z178277_0080
PULPROG zg30
TD 65536
SOLVENT CDC13
NS 16
DS 2
SWH 7812.500
FIDRES 0.238419
AQ 4.1943040
RG 101
DW 64.000
DE 6.64
TE 298.2
D1 1.00000000
TD0 1
SFO1 399.8224689
NUC1 1H
p0 2.67
P1 8.00
PLW1 22.61200000

F2 - Processing parameters

SI 65536
SF 399.8200098
WDW EM
SSB 0
LB 0.30
GB 0
PC 1.00

SA/AD/INS/014
Verified By:KVS

Lot No : LDIBF0519



Current Data Parameters

NAME LDIBF0519 1
EXPNO 1
PROCNO 1

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Date_ 20260518
Time 15.54
INSTRUM Avance
PROBHD Z178277_0080
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RG 101
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TE 298.2
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NUC1 1H
p0 2.67
P1 8.00
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SF 399.8200098
WDW EM
SSB 0
LB 0.30
GB 0
PC 1.00

SA/AD/INS/014
Verified By:KVS

