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Certificate of Analysis

Di-isopropyl Ether GC Standard
Product No.: NKC0197

Product Information	
Cas No.:	108-20-3
Molecular Formula:	C6H14O
Molecular Weight:	102.17 g/mol.
Grade:	GC Standard.
Storage:	Room Temperature
MFG Date:	Jan-2026.
EXP Date:	Jan-2031.
Batch No.:	NKCJ501645.

Test	Specification	Result
Description	A Clear, Colourless Liquid	A Clear, Colourless Liquid
Purity By GC	NLT 99.0%	99.48%
Density at 25°	0.722 – 0.724 g/ml	0.7232 g/ml
Identification by MASS	Conforms to Molecular mass.	Complies
Identification by IR	Conforms to structure.	Complies
Identification by 1H NMR	Conforms to structure.	Complies.

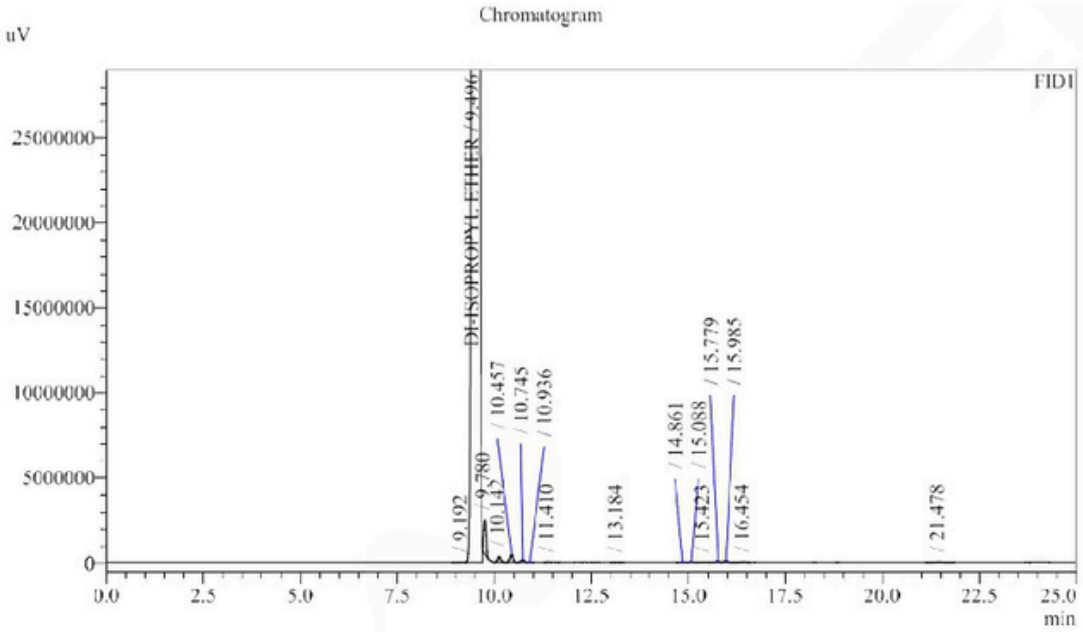
- The product complies with the prescribed standards of quality
- The product has been tested by the Quality Control Laboratory of N K Chem to the above specifications
- This is Electronic Generated Specification do not require signature

Email: n.k.chem25@gmail.com | M. : 8460332820 , 9016618537

SHOP NO 21, GROUND FLOOR, SHRI SHARAN BUSINESS PARK, PANCHRATNA INDUSTRIAL ESTATE, CHANGODAR, AHMEDABAD - 382213 Gujarat

Di-isopropyl ether

Acquired By	**: Mihir patel**
Sample Name	**: NKCJ501645**
Instrument ID	**: GCHS-01**
Inj Volume(ul)	**: 1.000**
Vial No	**: 95**
Acq method	**: ALS_300.amx**
Processing method	**: GC_LC Area percent_Defaultmethod.pmx**
Project Name	**: March-2026**
Operator	**: Admin**
Injection Date	**: 2026-03-09 13:19:05+5:30**



Peak Table

FID1

Peak#	Ret. Time	Area	Area%	Height	Height%
1	9.192	129983	0.004	17567	0.005
2	9.496	2976329093	99.462	370865963	99.106
3	9.780	8061820	0.269	1995822	0.533
4	10.142	1827580	0.061	351296	0.094
5	10.457	2593904	0.087	497537	0.133
6	10.745	927656	0.031	174054	0.047
7	10.936	95834	0.003	18698	0.005
8	11.410	205102	0.007	35239	0.009
9	13.184	115294	0.004	20647	0.006
10	14.861	209367	0.007	20637	0.006
11	15.088	240257	0.008	35920	0.010
12	15.423	221378	0.007	14927	0.004
13	15.779	499076	0.017	52030	0.014
14	15.985	439283	0.015	57091	0.015
15	16.454	269553	0.009	30895	0.008
16	21.478	265757	0.009	23001	0.006
Total		2992430937	100.000	374211326	100.000

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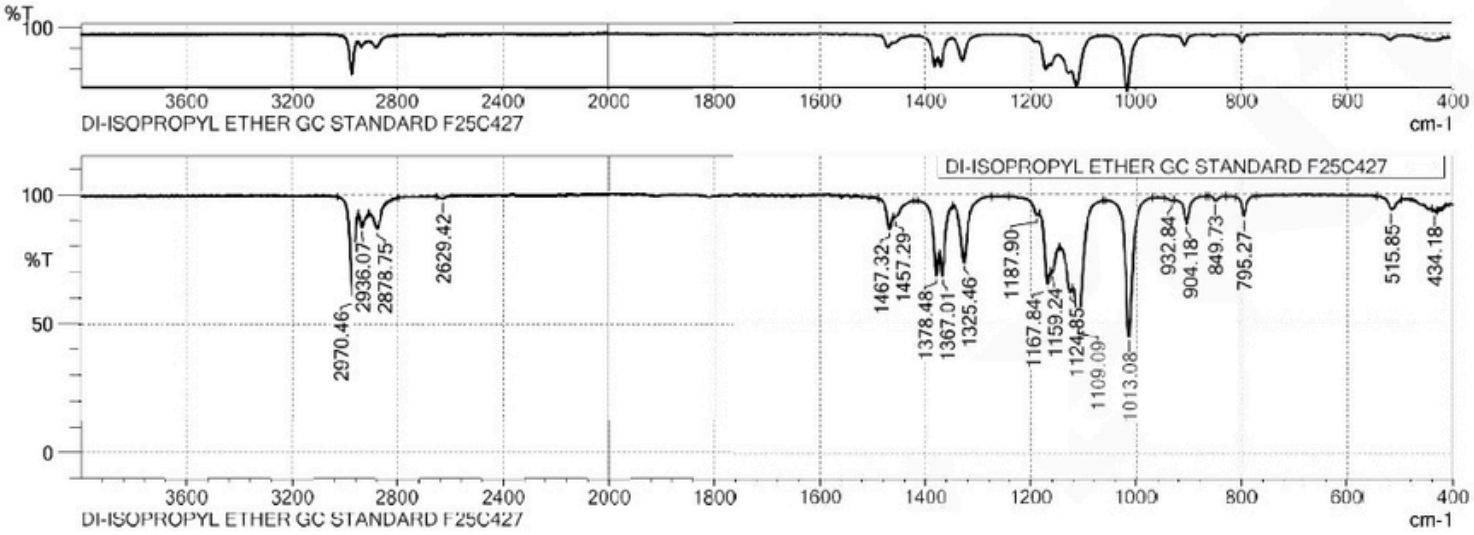
Di-isopropyl ether

Lot. No. NKCJ501645



Instrument ID : ADV/QC/040

User Name : SACHIN PATIL

Project Name, Data Number, Filename:
D:¥IR data¥GC STANDARD 2023¥DI-ISOPROPYL ETHER GC STANDARD F25C427.ispd

Acquired Date & Time : 28-03-25 15:03:15

Print Date & Time:28-03-25 15:06:00

Comment : DI-ISOPROPYL ETHER GC STANDARD F25C427

Scan Range : 400 to 4000 No. Of Scans : 45

Apodization : Happ-Genzel Resolution: 4 [cm-1]

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Di-isopropyl ether

Lot. No. NKCJ501645

	Peak	Intensity	Corr. Intensity	Base (H)	Base (L)	Area	Corr. Area	Comment
1	434.18	93.29	0.69	439.91	429.88	62.521	2.701	
2	515.85	94.12	4.47	543.08	497.23	134.680	74.646	
3	795.27	91.39	7.69	811.04	772.35	110.069	76.657	
4	849.73	97.56	1.66	861.19	829.66	41.875	17.674	
5	904.18	88.56	9.84	927.10	868.35	207.812	123.187	
6	932.84	97.57	0.50	945.73	927.10	37.155	3.765	
7	1013.08	44.69	53.44	1057.50	968.66	1072.902	907.458	
8	1109.09	48.99	21.39	1120.55	1061.80	1136.888	2.962	
9	1124.85	61.91	4.68	1144.91	1120.55	702.980	13.832	
10	1159.24	69.65	2.04	1162.10	1144.91	443.280	11.153	
11	1167.84	65.44	10.63	1183.60	1162.10	460.987	58.961	
12	1187.90	92.07	0.91	1240.91	1183.60	157.666	-82.439	
13	1325.46	73.58	22.95	1346.95	1273.87	546.789	347.119	
14	1367.01	68.22	12.96	1372.74	1346.95	408.856	54.999	
15	1378.48	68.54	11.37	1414.30	1372.74	445.617	-82.052	
16	1457.29	90.92	0.87	1460.15	1421.46	201.843	-15.053	
17	1467.32	86.33	6.73	1488.81	1460.15	191.234	41.506	
18	2629.42	98.38	1.05	2653.78	2595.03	58.188	27.161	
19	2878.75	86.92	7.36	2908.84	2797.07	655.323	176.358	
20	2936.07	87.36	5.14	2948.96	2908.84	387.377	87.543	
21	2970.46	60.66	33.57	3029.21	2948.96	943.210	604.498	

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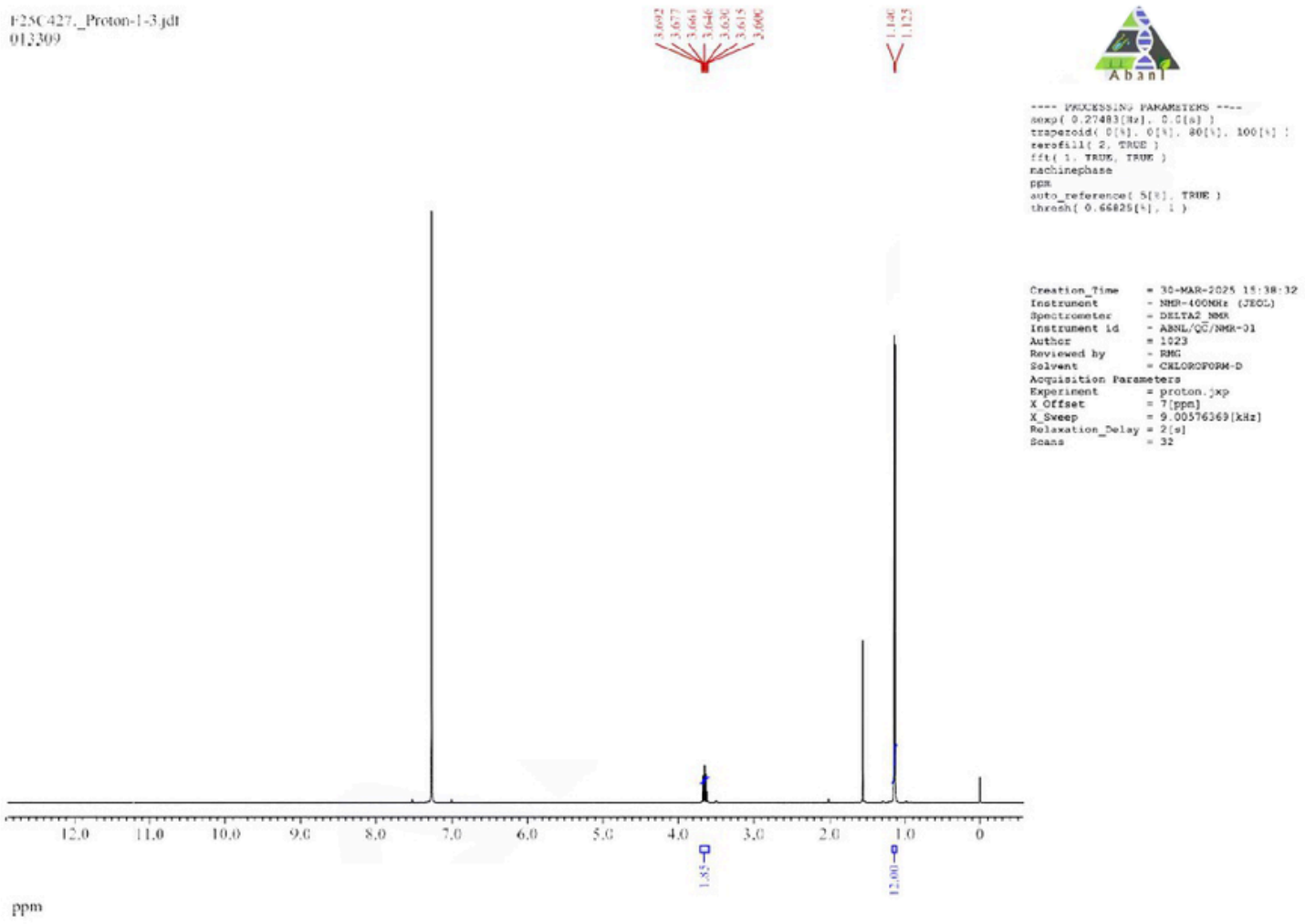

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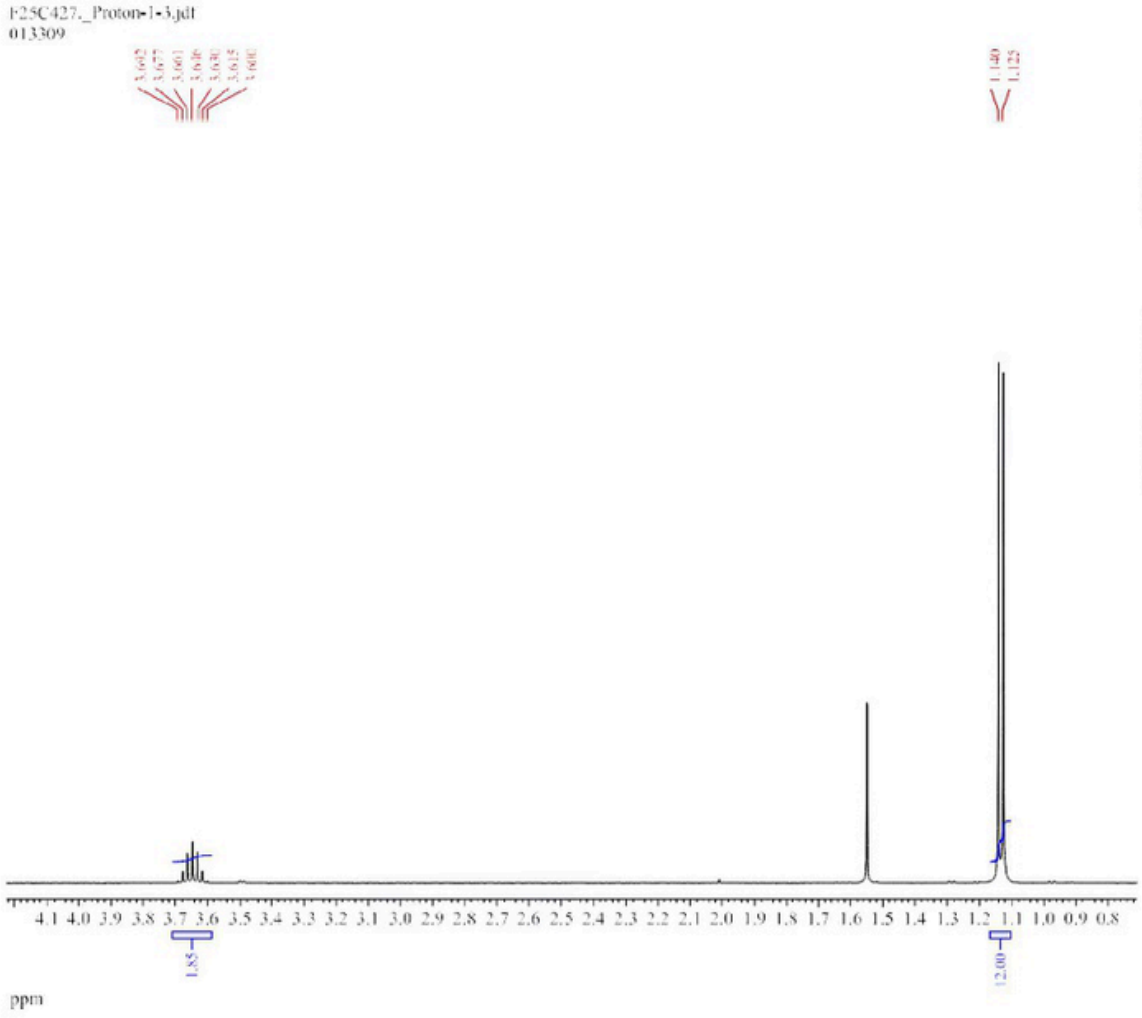

J-Coupling Analysis Report

Path = F:\Share folder\NMR Raw Data\Year wise data\Year-2025\Mar-2025\30-Mar-2025\F25C427._Proton-1-3.jdf

Position	Integral	Pattern	J
3.65[ppm]	2	m	
1.13[ppm]	12	d	J1 = 6.046[Hz]

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