NK Chem
QUALITY IN EVERY MOLECULE

Certificate of Analysis

Tetrahydrofuran GC Standard
Product No.: NKC0290

Product Information	
Cas No.:	142-82-5
Molecular Formula:	C7H16
Molecular Weight:	100.21 g/mol.
Grade:	GC Standard.
Storage:	Room Temperature
MFG Date:	Jan-2026.
EXP Date:	Jan-2031.
Batch No.:	NKCJ501066.

Test	Specification	Result
Description	A Clear, Colourless Liquid	A Clear, Colourless Liquid
Purity By GC	NLT 99.0%	99.70%
Density	0.683-0.684 g/ml	0.6837 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

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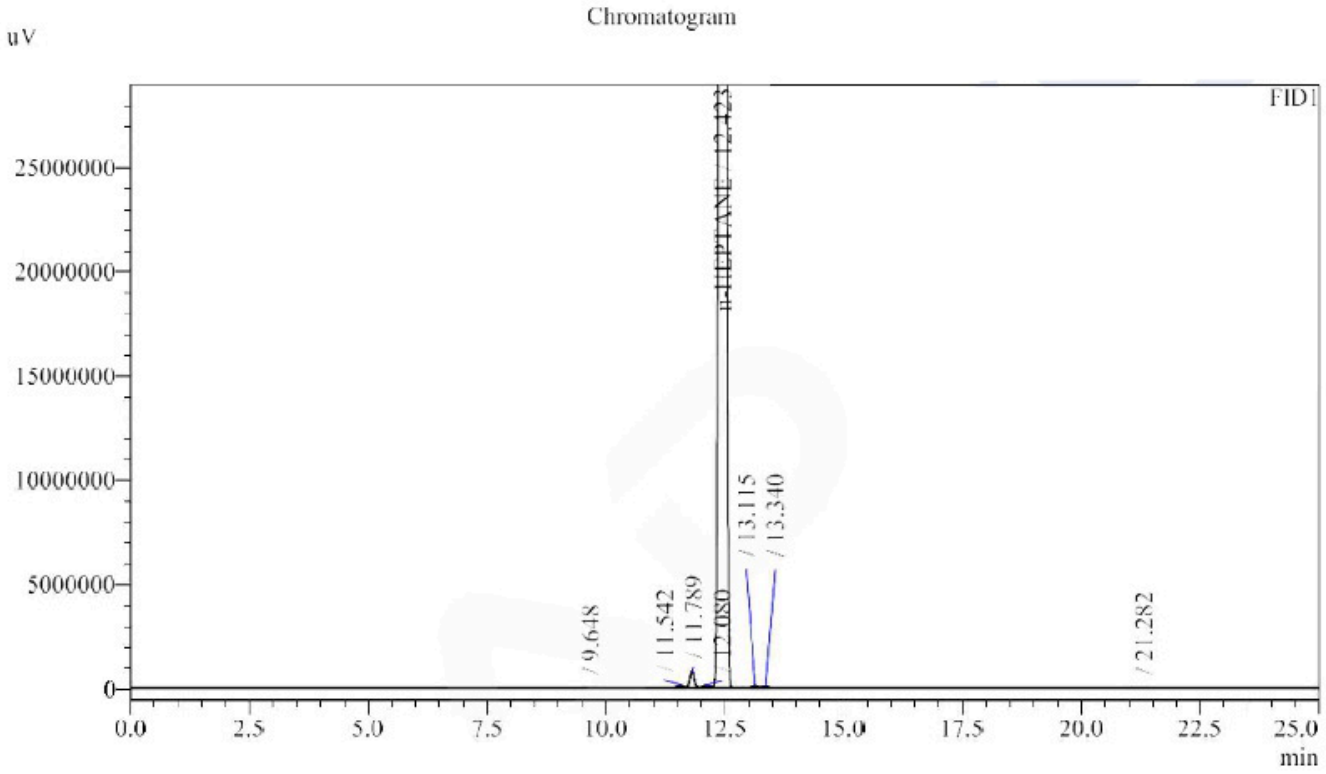
SHOP NO 21, GROUND FLOOR, SHRI SHARAN BUSINESS PARK, PANCHRATNA INDUSTRIAL ESTATE, CHANGODAR, AHMEDABAD - 382213 Gujarat

n-Heptane

Acquired By	**: Mihir patel**
Sample Name	**: NKCJ501066**
Instrument ID	**: GCHS-01**
Inj Volume(ul)	**: 1.000**
Vial No	**: 106**
Acq method	**: ALS_300.amx**
Processing method	**: GC_LC Area percent_Defaultmethod.pmx**
Project Name	**: March-2026**
Operator	**: Admin**
Injection Date	**: 2026-03-09 11:09:05+5:30**

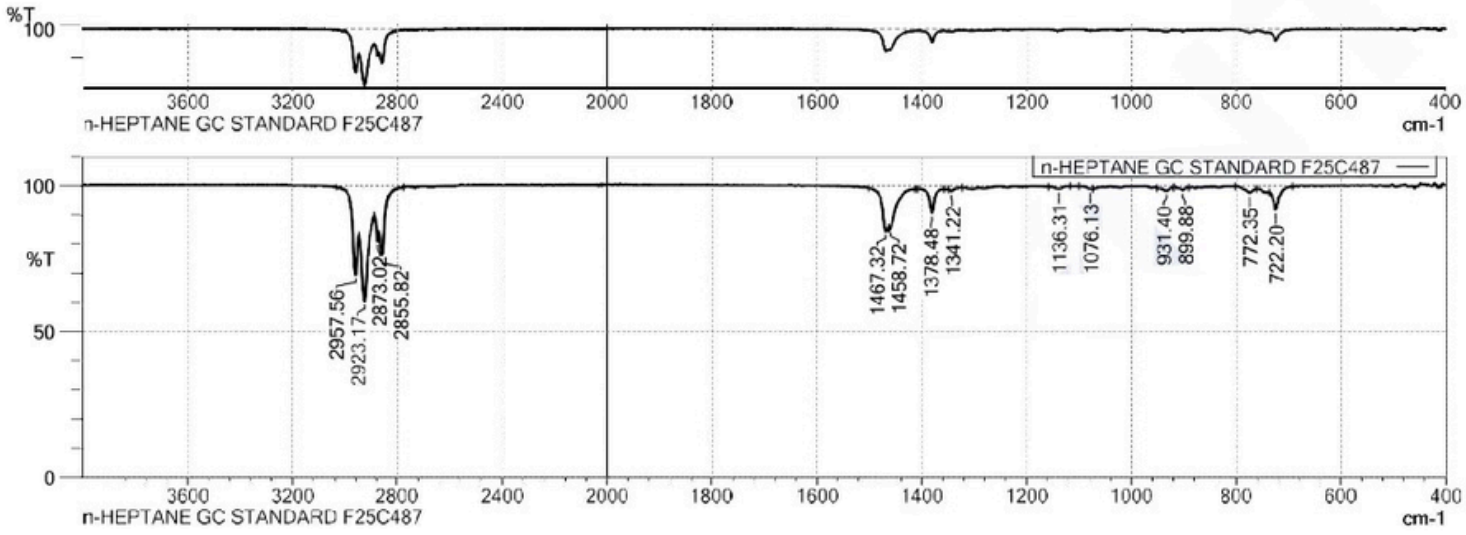


Peak Table

FID1

Peak#	Ret. Time	Area	Area%	Height	Height%
1	9.648	29478	0.001	4999	0.002
2	11.542	701887	0.033	122276	0.039
3	11.789	4357232	0.203	767055	0.243
4	12.080	755079	0.035	111342	0.035
5	12.423	2138190042	99.685	314249915	99.634
6	13.115	560996	0.026	84715	0.027
7	13.340	316853	0.015	62602	0.020
8	21.282	33297	0.002	2036	0.001
Total		2144944863	100.000	315404940	100.000

n-Heptane GS Standard
Lot. No. NKCJ501066



Instrument ID : ADV/QC/040

Project Name, Data Number, Filename:
D:¥IR data¥GC STANDARD 2023¥n-HEPTANE GC STANDARD F25C487.ispd

Comment : n-HEPTANE GC STANDARD F25C487

User Name : SACHIN PATIL

Acquired Date & Time : 01-04-25 12:51:48

Print Date & Time:01-04-25 12:53:38

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

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

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n-Heptane GS Standard
Lot. No. NKCJ501066

No.	Peak	Intensity	Corr. Intensity	Base (H)	Base (L)	Area	Corr. Area	Comment
1	722.20	91.58	6.48	735.09	690.67	139.637	72.783	
2	772.35	97.43	1.61	801.01	759.45	80.546	27.124	
3	899.88	98.24	0.94	917.07	888.41	31.761	8.498	
4	931.40	97.97	1.17	941.43	917.07	45.154	16.487	
5	1076.13	98.70	0.25	1097.62	1071.83	21.608	1.632	
6	1136.31	98.70	0.86	1156.37	1114.82	32.557	14.342	
7	1341.22	97.90	0.82	1348.38	1321.16	36.866	5.800	
8	1378.48	90.39	8.24	1405.70	1355.55	155.964	87.538	
9	1458.72	85.03	0.97	1461.59	1410.00	285.019	-129.411	
10	1467.32	84.24	3.05	1500.27	1461.59	230.245	-74.489	
11	2855.82	75.88	9.47	2868.72	2774.15	657.849	-171.493	
12	2873.02	80.75	3.95	2885.91	2868.72	260.902	24.595	
13	2923.17	60.24	24.92	2944.66	2885.91	1421.096	601.711	
14	2957.56	69.24	15.94	3032.07	2944.66	763.584	-21.702	

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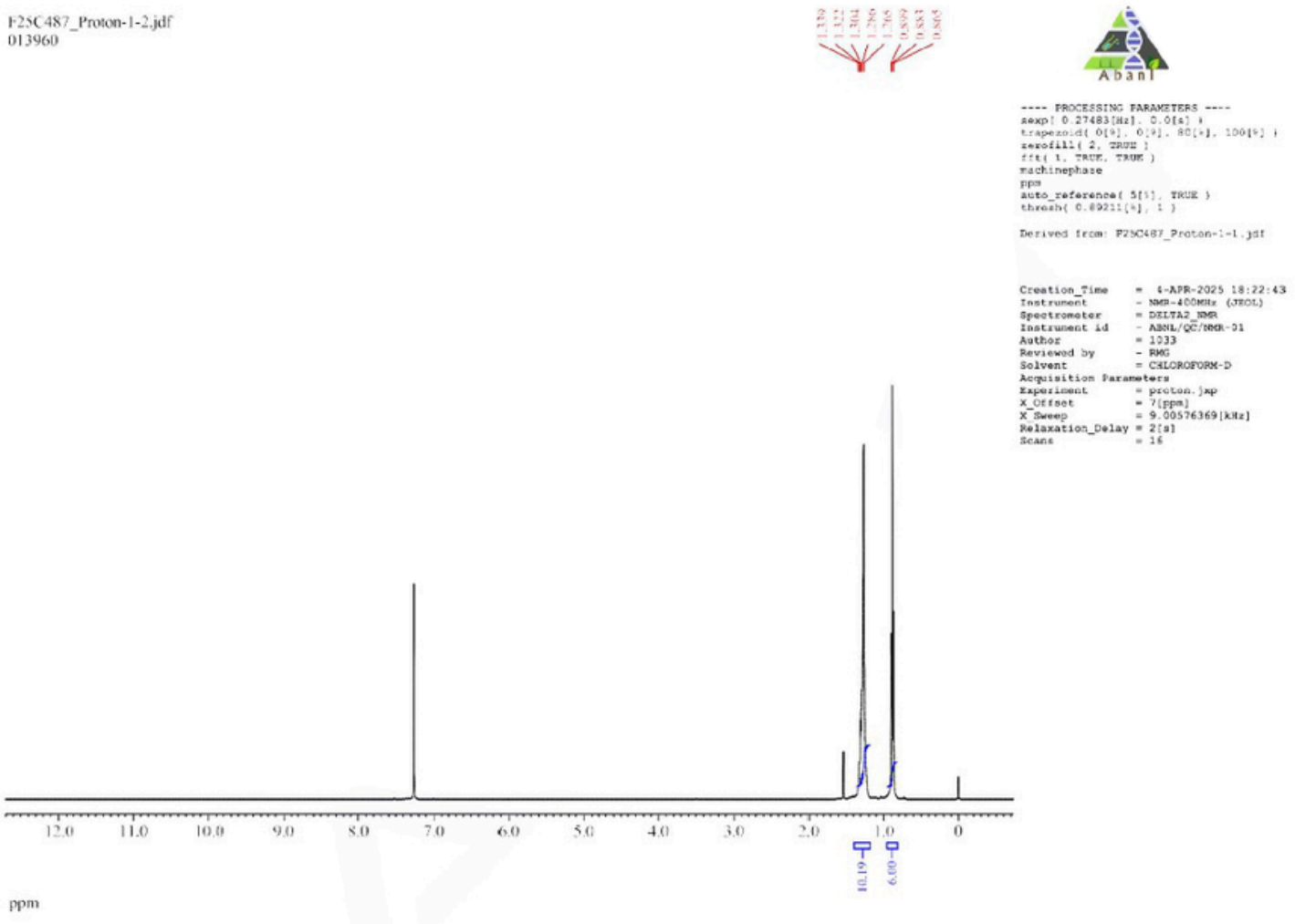
n-Heptane GS Standard
Lot. No. NKCJ501066



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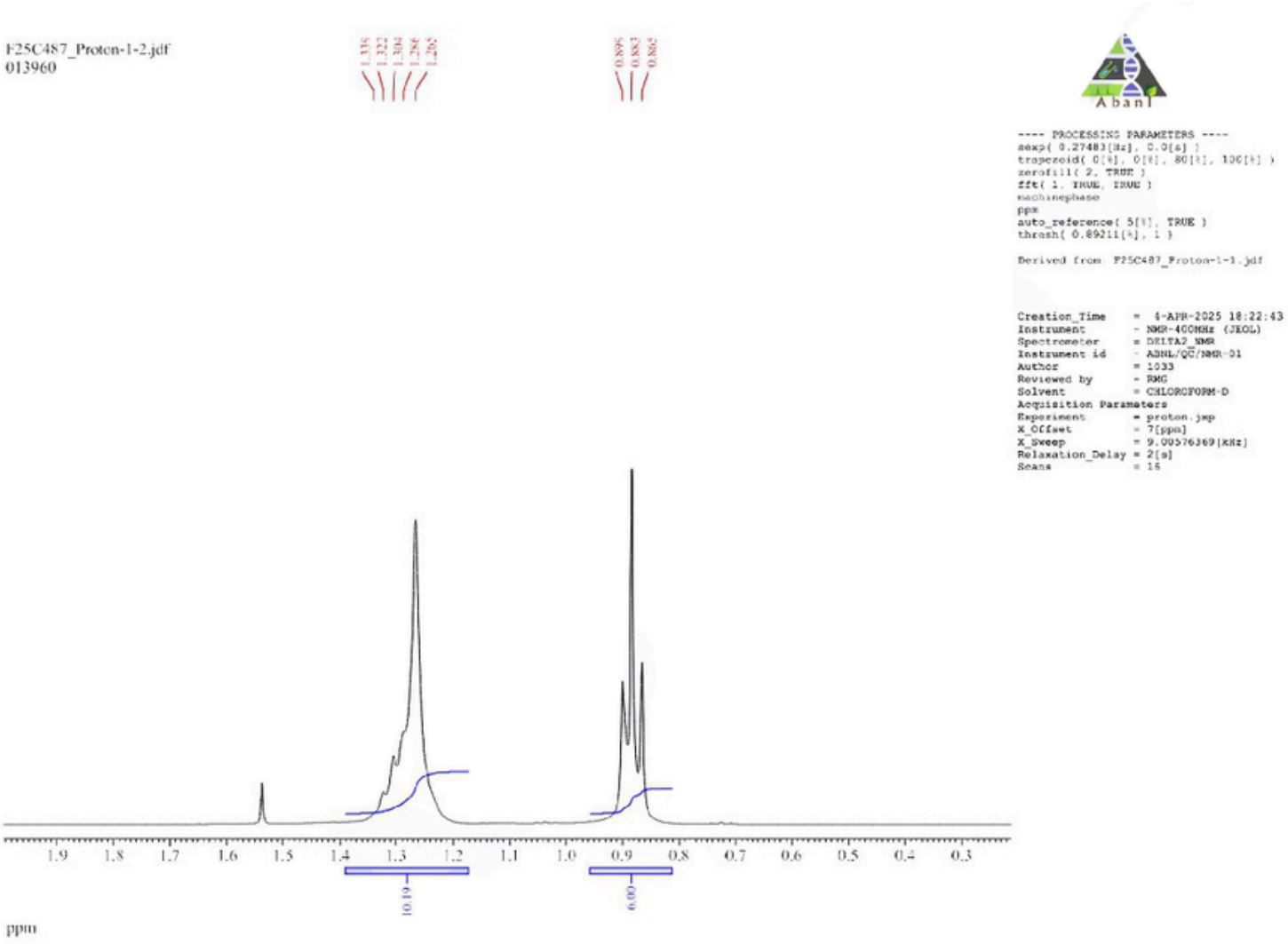

J-Coupling Analysis Report

Path = \\ABNL-01\Share folder\NMR Raw Data\Apr-2025\04-Apr-2025\F25C487_Proton-1-2.jdf

Position	Integral	Pattern	J
1.30[ppm]	10	m	
0.88[ppm]	6	t	J1 = 6.871[Hz]

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