NK Chem
QUALITY IN EVERY MOLECULE

Certificate of Analysis

Tetrahydrofuran GC Standard
Product No.: NKC0538

Product Information	
Cas No.:	109-99-9
Molecular Formula:	C4H8O
Molecular Weight:	72.11 g/mol.
Grade:	GC Standard.
Storage:	Room Temperature
MFG Date:	Jan-2026.
EXP Date:	Jan-2031.
Batch No.:	NKCJ400185.

Test	Specification	Result
Description	A Clear, Colourless Liquid	A Clear, Colourless Liquid
Purity By GC	NLT 99.0%	99.99%
Density	0.886-0.888g	0.8871
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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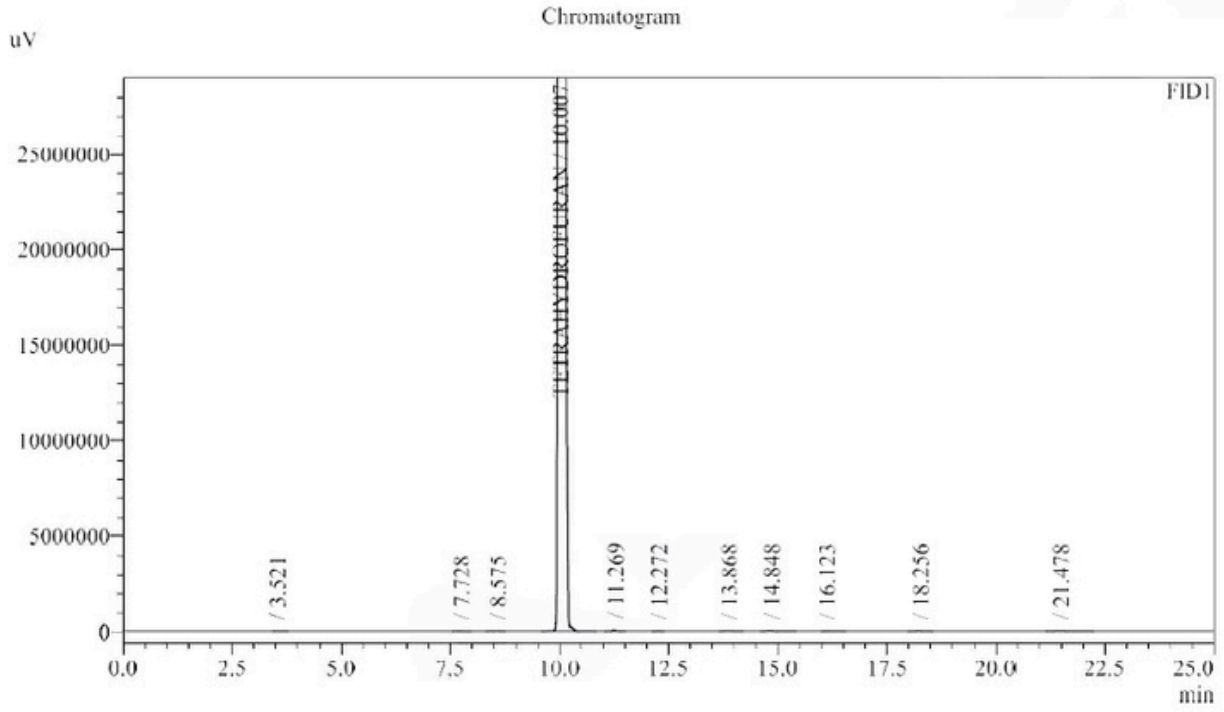
Tetrahydrofuran

Acquired By	**: Mihir patel**
Sample Name	**: NKCJ400185**
Instrument ID	**: GCHS-01**
Inj Volume(ul)	**: 1.000**
Vial No	**: 67**
Acq method	**: ALS_300.amx**
Processing method	**: GC_LC Area percent_Defaultmethod.pmx**
Project Name	**: March-2026**
Operator	**: Admin**
Injection Date	**: 2026-03-07 11:25:05+5:30**



Peak Table

FID1

Peak#	Ret. Time	Area	Area%	Height	Height%
1	3.521	26797	0.002	4073	0.002
2	7.728	46950	0.003	6829	0.003
3	8.575	130325	0.007	19302	0.008
4	10.007	1784939071	99.918	255711811	99.926
5	11.269	365406	0.020	68313	0.027
6	12.272	45469	0.003	9193	0.004
7	13.868	169628	0.009	15953	0.006
8	14.848	374121	0.021	36032	0.014
9	16.123	36347	0.002	6927	0.003
10	18.256	70959	0.004	9589	0.004
11	21.478	190967	0.011	12223	0.005
Total		1786396040	100.000	255900245	100.000

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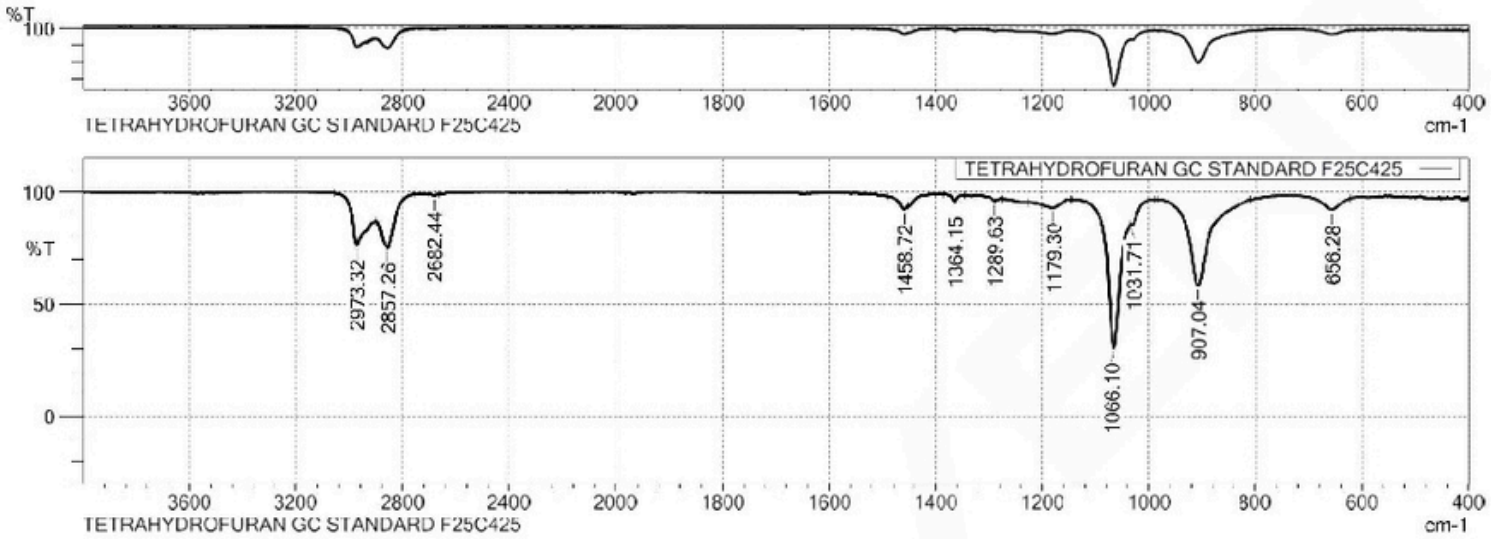
Tetrahydrofuran
Lot. No. NKCJ400185



Instrument ID : ADV/QC/040

Project Name, Data Number, Filename:
D:¥IR data¥GC STANDARD 2023¥TETRAHYDROFURAN GC STANDARD F25C425.ispd

Comment : TETRAHYDROFURAN GC STANDARD F25C425

User Name : SACHIN PATIL

Acquired Date & Time : 28-03-25 13:14:55

Print Date & Time:28-03-25 13:17:02

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

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

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Tetrahydrofuran

Lot. No. NKCJ400185

No.	Peak	Intensity	Corr. Intensity	Base (H)	Base (L)	Area	Corr. Area	Comment
1	656.28	92.12	0.27	657.71	621.89	191.054	-0.407	
2	907.04	58.31	38.28	982.99	809.60	2353.201	1760.536	
3	1031.71	95.38	0.81	1034.57	986.72	324.944	-83.714	
4	1066.10	30.64	58.01	1146.34	1034.57	2294.343	1298.162	
5	1179.30	93.06	3.11	1225.15	1146.34	423.022	112.799	
6	1289.63	95.96	1.34	1324.02	1276.74	122.204	10.515	
7	1364.15	95.78	3.04	1385.64	1345.52	82.179	35.353	
8	1458.72	92.23	2.40	1488.81	1451.55	174.992	20.247	
9	2682.44	98.36	0.72	2702.50	2663.81	47.953	12.299	
10	2857.26	75.38	15.12	2901.68	2754.09	1669.120	628.169	
11	2973.32	76.62	15.99	3059.30	2901.68	1758.539	684.235	

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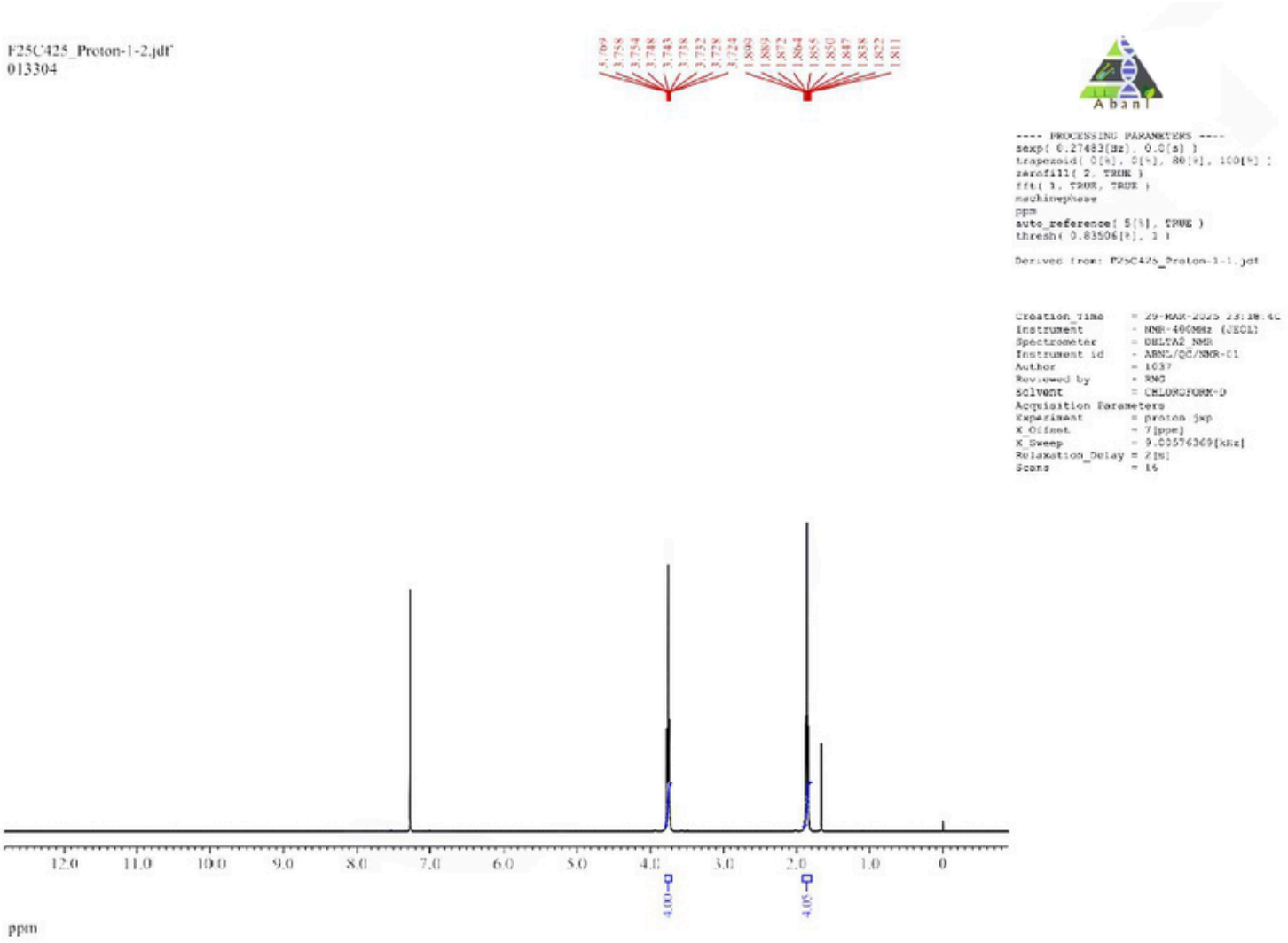

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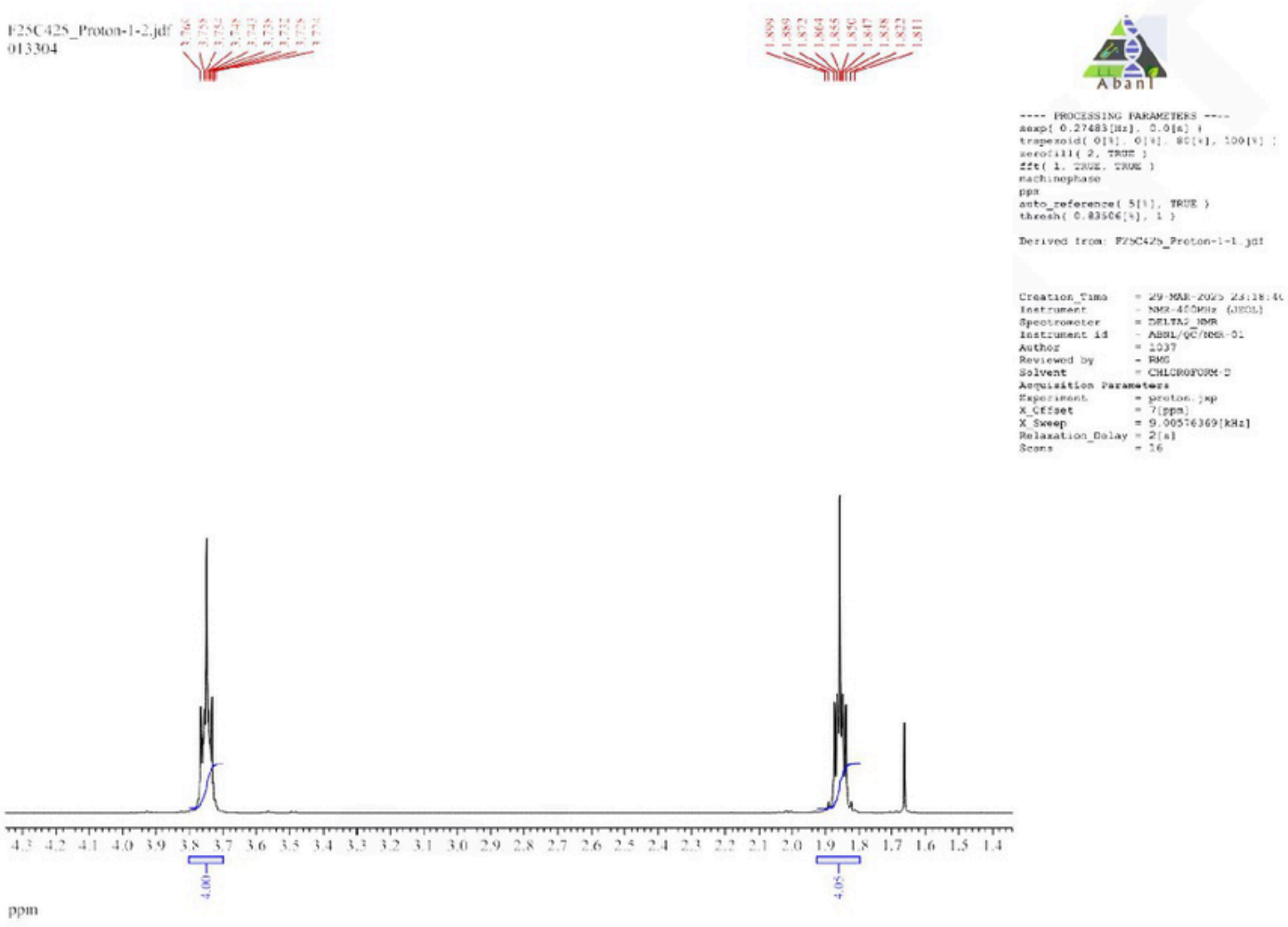

J-Coupling Analysis Report

Path = \\ABNL-01\Share folder\NMR Raw Data\Mar-2025\29-Mar-2025\F25C425_Proton-1-2.jdf

Position	Integral	Pattern	J
3.75[ppm]	4	m	
1.86[ppm]	4	m	

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