

Certificate of Analysis

Diethyl Ether GC Standard

Product No.: NKC0174

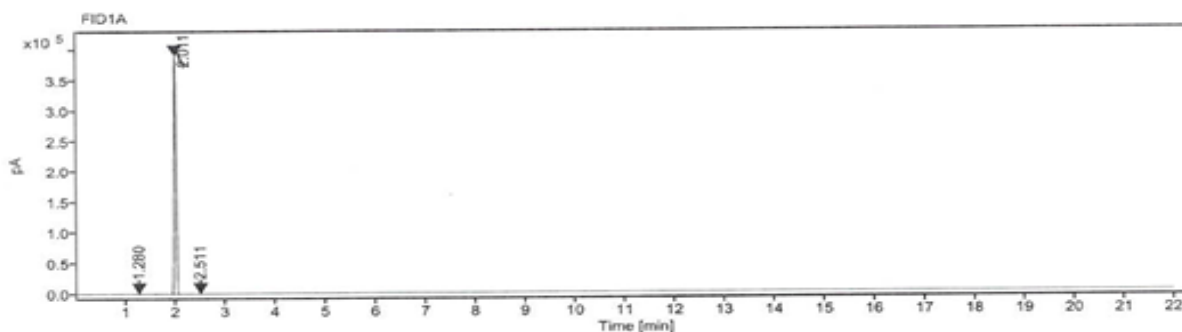
Product Information	
Cas No.:	60-29-7
Molecular Formula:	C ₄ H ₁₀ O
Molecular Weight:	74.12 g/mol.
Grade:	GC Standard.
Storage:	Room Temperature
MFG Date:	Aug-2025.
EXP Date:	Aug-2030.
Batch No.:	NK0J501834

Test	Specification	Result
Description	A Clear, Colourless Liquid	A Clear, Colourless Liquid
Purity By GC	NLT 99.0%	99.90%
Density	0.713-0.715 g/ml	0.714 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

Data file:	NK0J501834.dx	Project Name:	February
Sample name:	NK0J501834	Operator:	ADMIN (ADMIN)
Instrument ID:	GCHS-01	Injection date:	2026-02-02 23:24:46+05:30
Inj. volume (uL):	2.500		
Vial No.:	103		
Acq. method:	ALS_250.amx		
Processing method:	*GC_LC Area Percent_DefaultMethod.pmx		



Signal: FID1A

Sr.No.	RT [min]	Area	Height	Peak Area Percent
1	1.280	827.05	13.915	0.07
2	2.011	1103535.88	390439.129	99.90
3	2.511	280.74	191.885	0.03

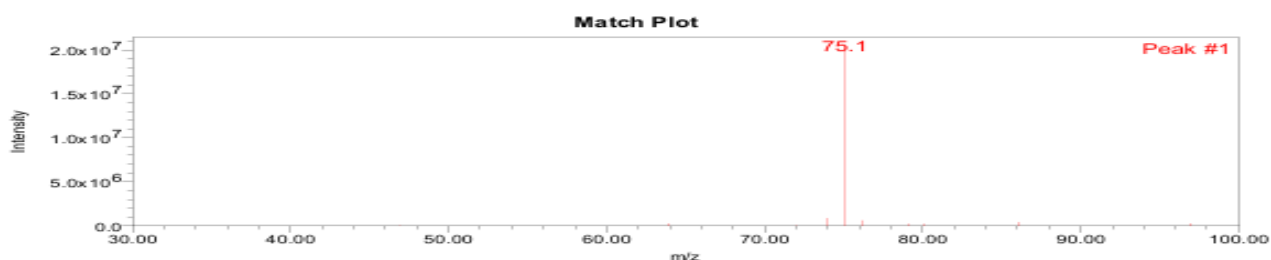


Empower 3

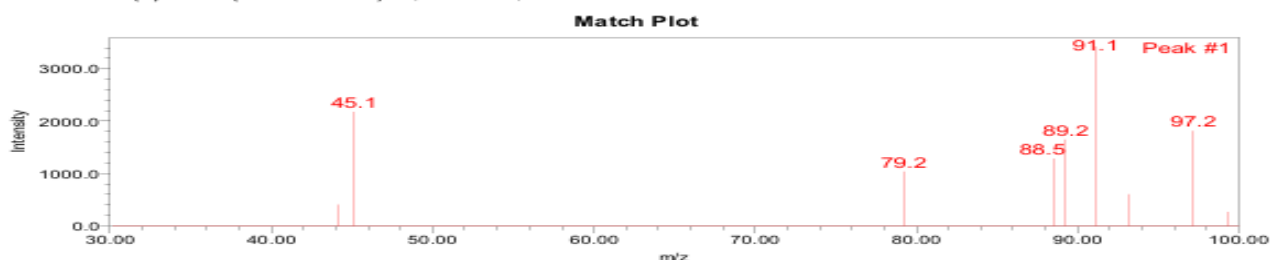
K M Pharma Solution

SAMPLE INFORMATION

Sample Name:	NK0J501834	Acquired By:	System
Sample Type:	Unknown	Date Acquired:	09-04-2026 10:31:25 IST
Injection Volume:	20.00 ul	Acq. Method Set:	Mass Analysis_30_200
Run Time:	1.0 Minutes	Date Processed:	09-04-2026 10:35:43 IST,



Name: SampleName: NK0J501834 Date Acquired: 09-04-2026 10:31:25 IST Channel Description 2: QDa Positive(+) Scan (30.00-100.00)Da, Centroid, CV=10



Name: SampleName: NK0J501834 Date Acquired: 09-04-2026 10:31:25 IST Channel Description 5: QDa Negative(-) Scan (30.00-100.00)Da, Centroid, CV=10

Reported by User: System
 Report Method: Mass Analysis
 Report Method ID: 2817
 Page: 1 of 1

Project Name: 2026\April

1	75.1	M+1
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Conclusion: The signal of the mass and their interpretation are consistent with the structural formula.



Current Data Parameters
 NAME 14282-K.M. PHARMA
 EXPNO 1
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20260131
 Time 14.40 h
 INSTRUM Avance
 PULPROG zgpg30
 TD 65536
 SOLVENT CDCl3
 NS 24
 DS 0
 SH 10000.000 Hz
 FIDRES 0.365176 Hz
 AQ 3.2767989 sec
 RG 12.1
 DW 50.000 usec
 DE 11.14 usec
 TE 294.8 K
 D1 1.00000000 sec
 TD0 1
 SFO1 400.1334612 MHz
 NUC1 1H
 P0 2.67 usec
 P1 8.00 usec
 PL1 22.37700081 W

F2 - Processing parameters
 SI 65536
 SF 400.1300000 MHz
 NDM EM
 SSB 0
 LB 0.30 Hz
 GB 0
 PC 1.00



Proton Interpretation

δ (ppm)	Multiplicity	Integration	Assignment
~1.2	Triplet	3H	CH ₃
~3.4	Quartet	2H	CH ₂ -O
~7.26	Singlet	—	CDCl ₃ solvent

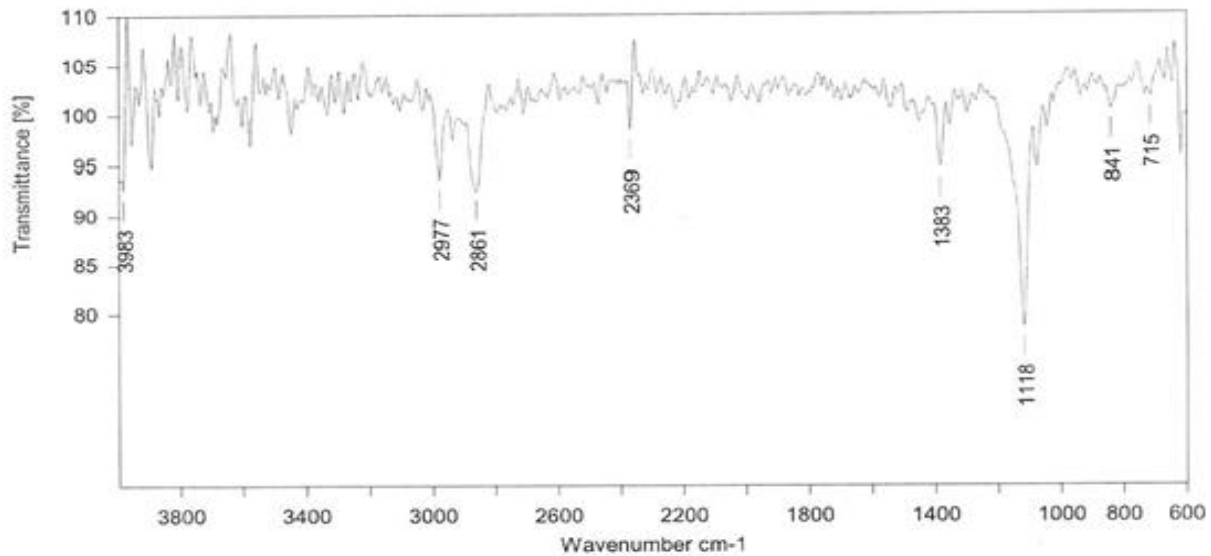
Chemical Formula: CH₃CH₂OCH₂CH₃

Conclusion: The structure is confirmed with the signals of spectrum and their interpretation

K.M.Pharma Solution

Batch No.: NK0J501834

Measurement Date & Time : 03-02-2026 10:01:21



Wavenumber	Abs. intensity	Rel. intensity	Width	Found if threshold <	Shoulder
3982.7200	0.926	0.046	0.4265	4.124378	0
2977.2977	0.937	0.071	20.9742	22.096014	0
2860.5585	0.927	0.157	116.3716	47.824516	0
1118.3351	0.787	0.288	45.8470	90.896057	0
2369.3383	0.985	0.089	15.0637	63.548954	0
1383.3632	0.948	0.086	23.6028	107.353264	0
841.0120	1.004	0.051	61.3412	120.072311	0
714.5846	1.017	0.041	46.4875	71.023605	0

Analysed By:



Sonal

Checked By: