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CERTIFICATE OF ANALYSIS

Product Name	3-Phenoxybenzyl Alcohol, Analytical standard		
Synonyms	3-(Hydroxymethyl)diphenyl Ether		
CAS No	13826-35-2		
Product code	SYI0049	**Batch No**	LPHBF0304
Molecular Formula	$C_{13}H_{12}O_2$	**Molecular Weight**	200.24
Mfg. Date	Mar-26	**Expiry Date**	Feb-29
Storage Conditions	Store at room temperature, tightly closed container		

Test	Specification	Results
Description	Colorless to Light yellow to Light orange clear liquid	Light yellow clear liquid
Boiling Point	300 °C	300 °C
Specific Gravity at 20°C	1.15 g/ml	1.15 g/ml
Purity by GC	≥98.00%	99.19%
IR Spectrum	Identification by structure	Confirmed
1H NMR Spectra	Identification by structure	Confirmed
Mass Spectra	Identification by molecular weight	Confirmed

Reference to *USP* 30–*NF* 25 General Chapter <11>, "Reference Standards," As a result, noncompendial (secondary) reference standards require characterization data. This product should not use for clinical application.

Approved by
Dr. Gopinath PH. D

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Computer Generated document, Does not require any Signature.

Synthicure Laboratories LLP, 5-5-35/276A/NR, Sakthipuram Industrial Road, Prashanth Nagar, IDA Kukatpally, Hyderabad-500072 Telangana, India.

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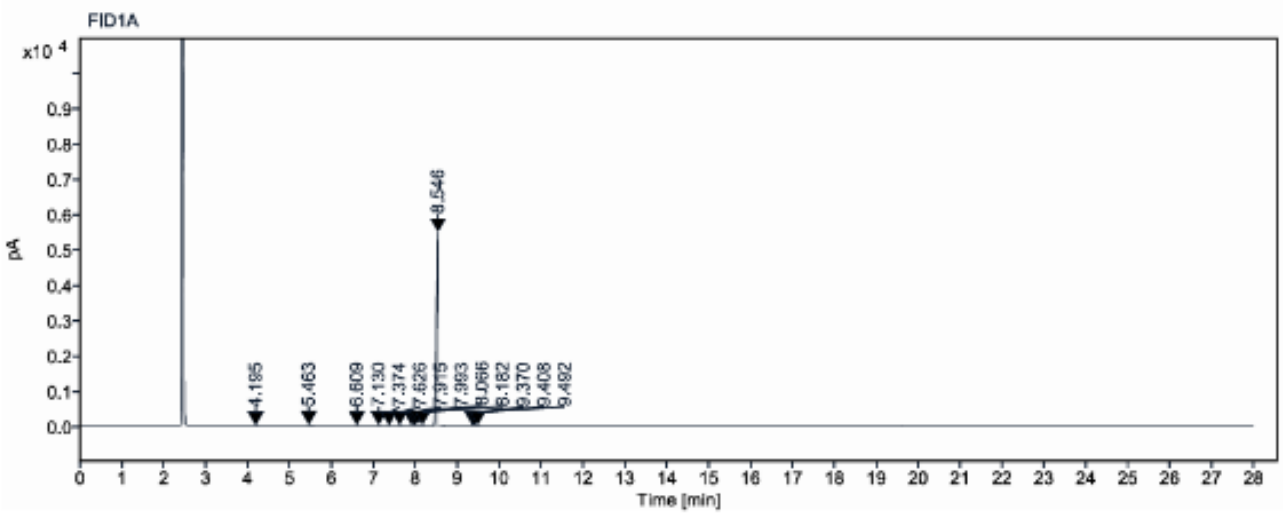
ANALYTICAL GC REPORT

Agilent

Data file:	LPHBF0304.dx
Method Name:	HP-5-GENERAL-METHOD.amx
Sample Name:	LPHBF0304
Injection Acquired Date	2026-03-14 16:24:36+05:30
Injection Processed Date	2026-03-14 17:33:30+05:30
Inj. volume:	0.500 µL
Vial Number:	109
Data File Directory:	/2026/MAR-2026/Results/14032026/20260314 155211003.rslt
Injection Column Name	HP-5
Instrument ID	SA/AD/INS/037



RT[MIN]	AREA	AREA %
4.195	1.753	0.01
5.463	19.247	0.11
6.609	7.357	0.04
7.130	8.105	0.05
7.374	1.179	0.01
7.626	7.991	0.05
7.915	1.334	0.01
7.993	0.956	0.01
8.066	48.230	0.28
8.182	17.035	0.10
8.546	17131.170	99.19
9.370	1.160	0.01
9.408	9.556	0.06
9.492	15.486	0.09

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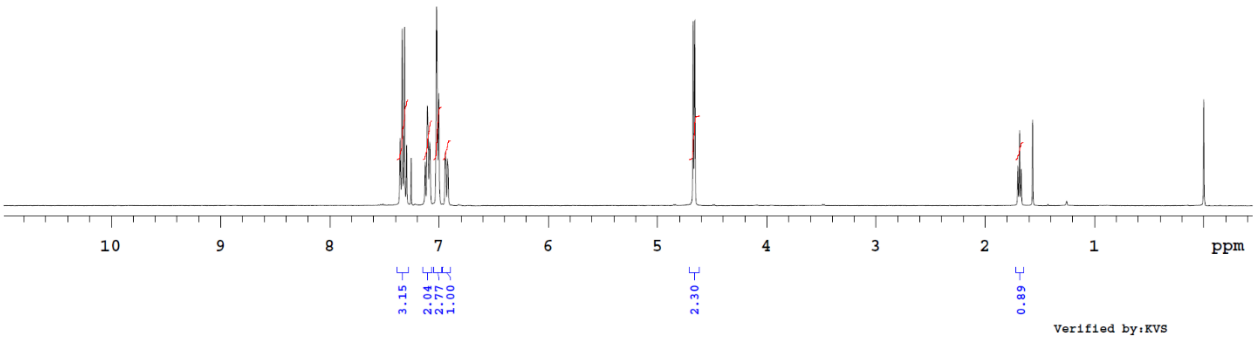
Identification by NMR: H1NMR

Sample Code: LPHBF0304

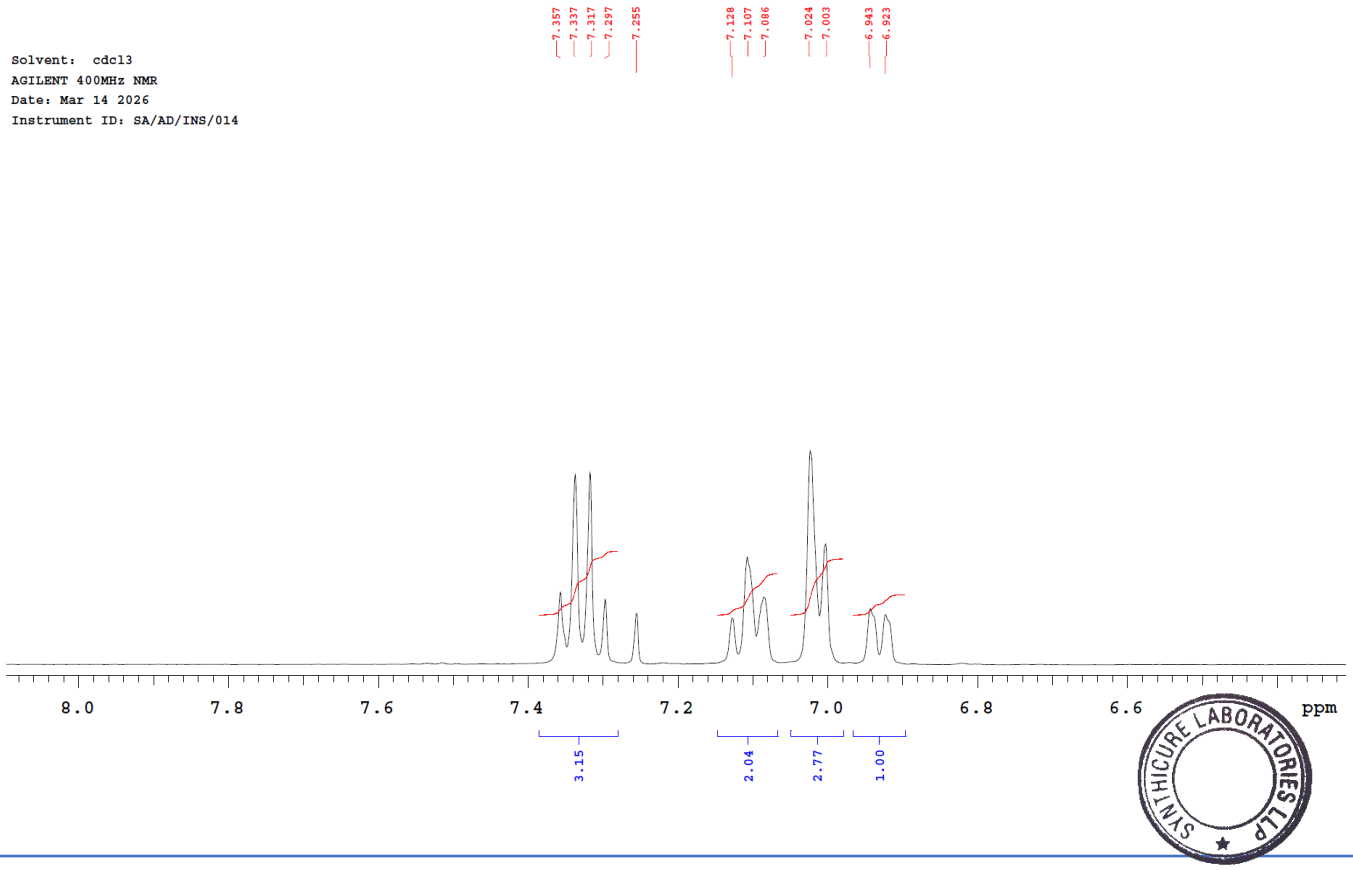
Solvent: cdcl3
AGILENT 400MHz NMR
Date: Mar 14 2026
Instrument ID: SA/AD/INS/014



Verified by:KVS

Sample Code: LPHBF0304

Solvent: cdcl3
AGILENT 400MHz NMR
Date: Mar 14 2026
Instrument ID: SA/AD/INS/014



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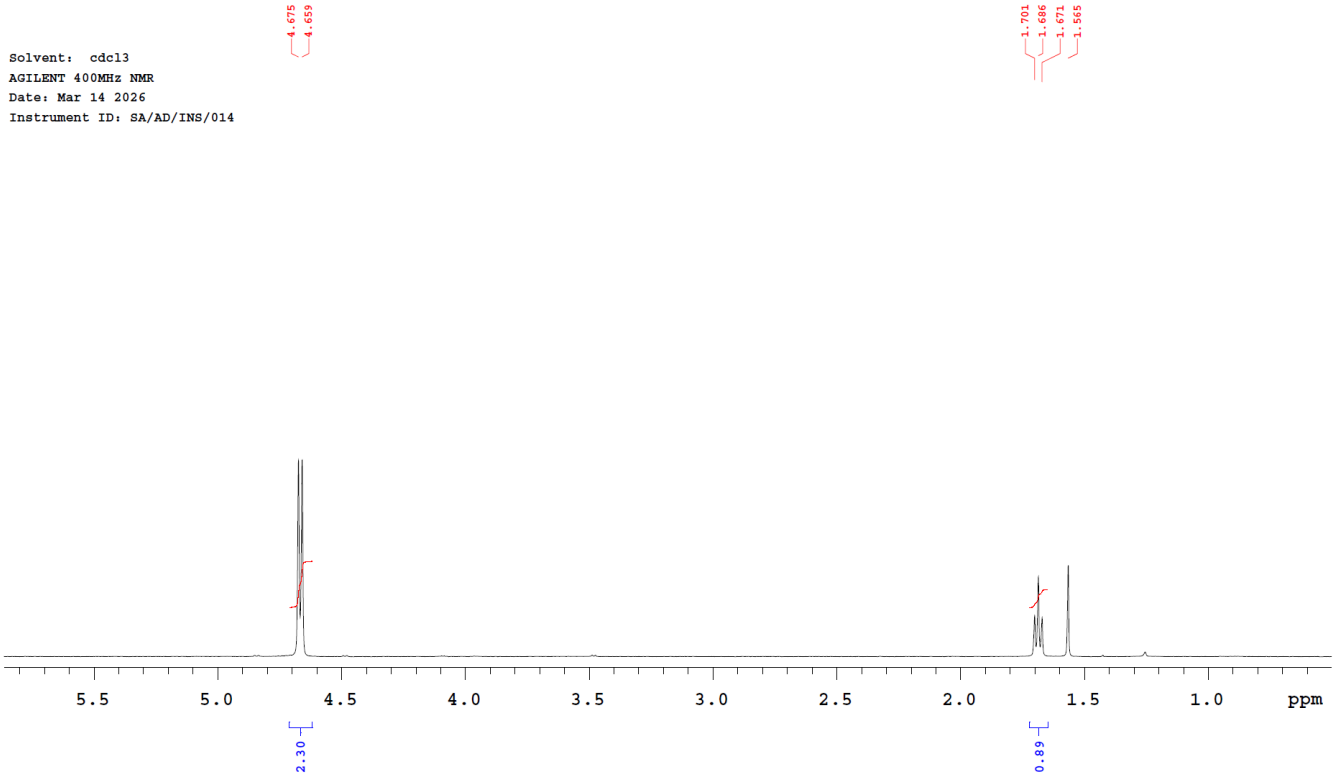

expl PROTON

SAMPLE		PRESATURATION	
date	Mar 14 2026	satmode	n
solvent	cdcl3	wet	n
file	/home/spark-d-	SPECIAL	
d2/data/2026/Mar/L-		temp	25.0
PHBF0304_20260314_-		gain	12
01/LPHBF0304_PROTO-		spin	20
N_20260314_01.fid		hst	0.008
ACQUISITION		pw90	16.600
sw	7183.9	alfa	10.000
at	4.000	FLAGS	
np	57472	il	n
fb	4000	in	n
bs	2	dp	y
d1	1.000	hs	nn
nt	256	PROCESSING	
ct	40	lb	0.50
TRANSMITTER		fn	not used
tn	H1	DISPLAY	
sfrq	399.827	sp	-694.5
tof	799.7	wp	7183.7
tpwr	61	rfl	694.8
pw	8.300	rfp	0
DECOUPLER		rp	37.8
dn	C13	lp	0
dof	0	PLOT	
dm	nnn	wc	268
decwave	W40_ATB-78-	sc	0
	98	vs	2774
dpwr	38	th	5
dmf	29412	ai	ph

INDEX	FREQUENCY	PPM	HEIGHT
1	2941.5	7.357	14.6
2	2933.6	7.337	38.0
3	2925.7	7.317	38.4
4	2917.6	7.297	13.1
5	2900.9	7.255	10.3
6	2849.8	7.128	9.4
7	2841.7	7.107	21.6
8	2833.0	7.086	13.6
9	2808.2	7.024	42.8
10	2799.9	7.003	24.2
11	2776.2	6.943	11.3
12	2768.1	6.923	10.1
13	1869.0	4.675	39.7
14	1862.8	4.659	39.8
15	680.3	1.701	8.4
16	674.1	1.686	16.3
17	668.2	1.671	8.0
18	625.9	1.565	18.5
19	0.0	0.000	22.9

Plotname: LPHBF0304_PROTON_20260314_01_plot04

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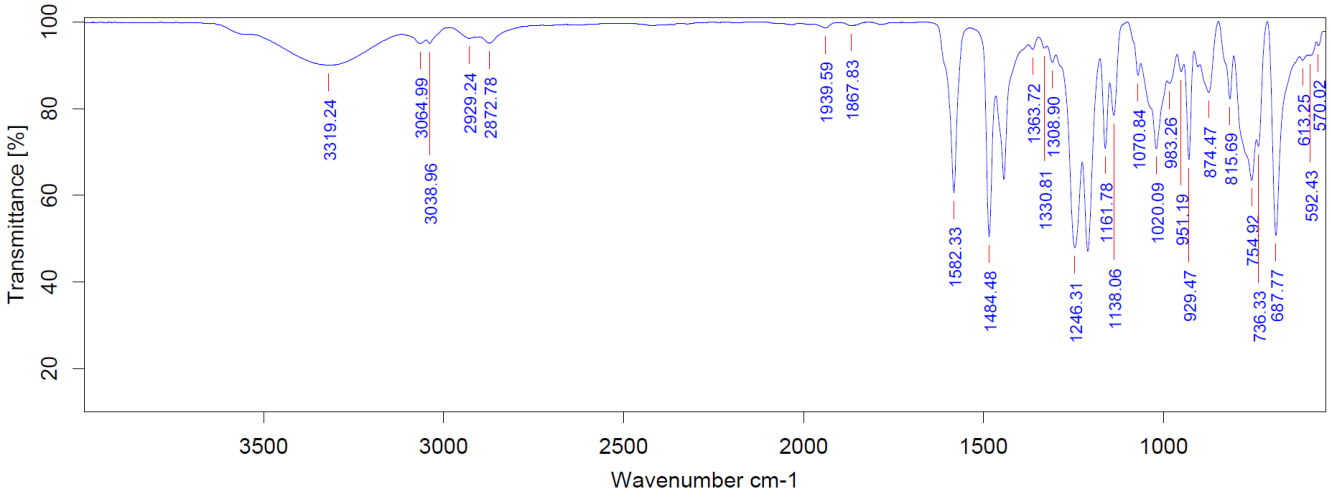
Identification by Infrared Spectroscopy (IR)



Path/File Name:D:\2026\MARCH-2026/LPHBF0304.0

Sample Name:LPHBF0304

Lot No./Batch No:LPHBF0304

Date & Time:3/14/2026,11:06:38 AM

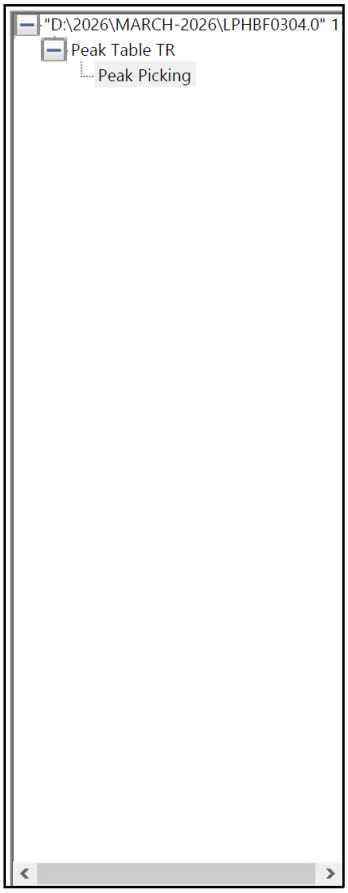
Operator Name:SPARK

Experiment:MARCH-2026.XPM

Resolution:2

Sample Scans:16

Frequency Range:4000 to 550



Peak Picking	Values
Method:	Standard
Searched for minima:	Yes
Number of peaks:	30
Sensitivity > [%]:	10.000000
From:	4000.000000
to:	400.000000
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
3319.2407	0.900	0.100	284.4469	18.756634	0
1582.3350	0.605	0.386	20.6430	71.867950	0
1484.4764	0.504	0.476	18.3740	86.933136	0
1443.4539	0.636	0.219	18.9328	36.417461	0
1246.3143	0.479	0.212	22.5172	37.146370	0
1210.3994	0.471	0.530	68.3456	99.811119	0
1161.7835	0.708	0.224	14.6717	39.070984	0
1138.0552	0.784	0.108	60.4895	14.148854	0
1020.0898	0.707	0.249	47.9412	41.004776	0
929.4730	0.682	0.319	15.0900	59.980633	0
874.4691	0.837	0.136	100.9168	17.847530	0
815.6912	0.822	0.120	12.6127	18.802946	0
754.9198	0.634	0.367	65.2205	69.135986	0
687.7749	0.507	0.467	23.5640	84.326157	0
3064.9923	0.951	0.011	47.6028	21.308813	0
3038.9588	0.951	0.023	53.5107	58.422688	0
2872.7798	0.951	0.037	99.5177	99.667709	0
2929.2400	0.962	0.011	46.4514	8.836720	0
1939.5891	0.986	0.014	34.3625	106.385445	0
1867.8322	0.992	0.008	35.5300	92.174507	0
1308.8979	0.907	0.026	71.3659	3.559698	0

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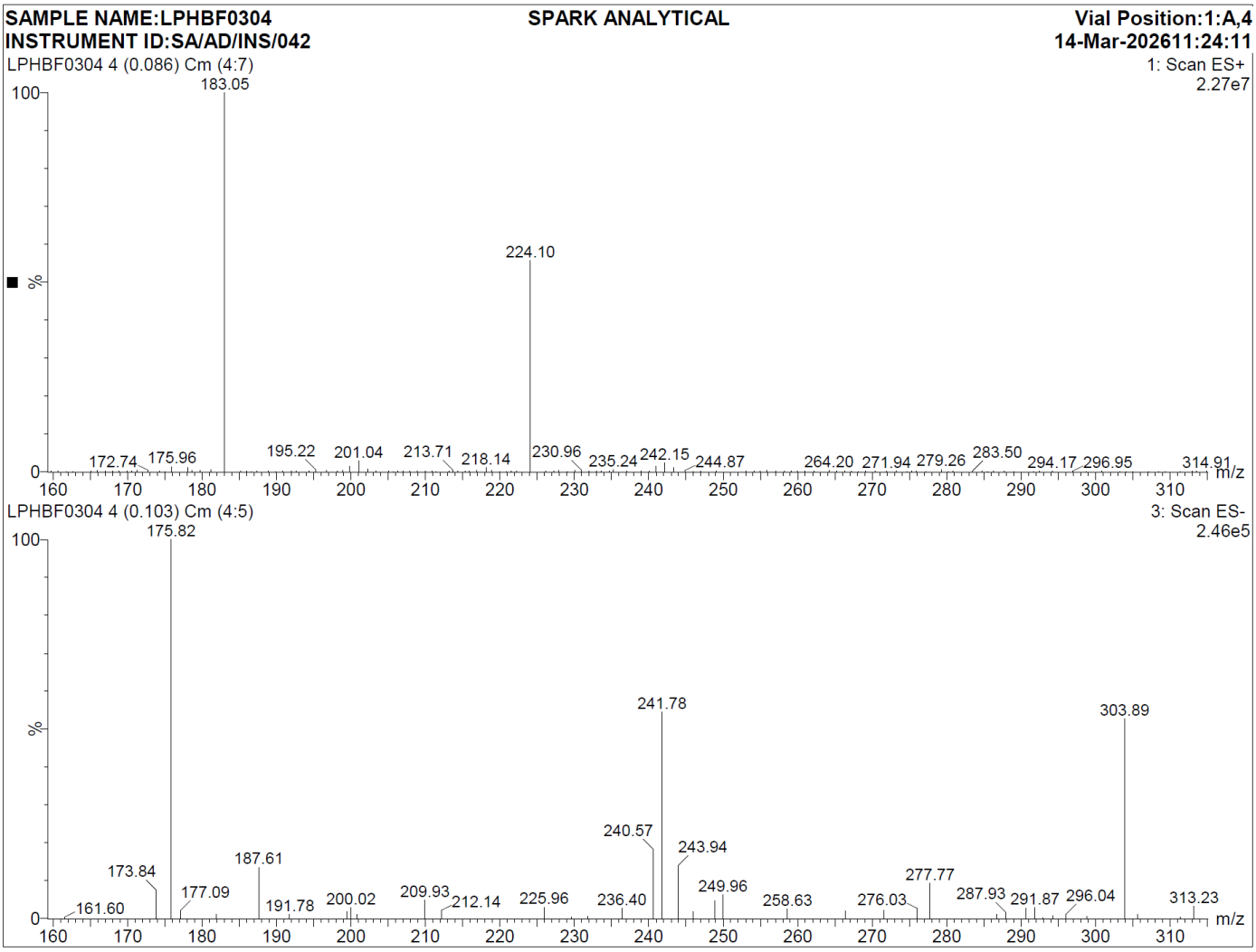
Identification by Mass spectrometry (MS)



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