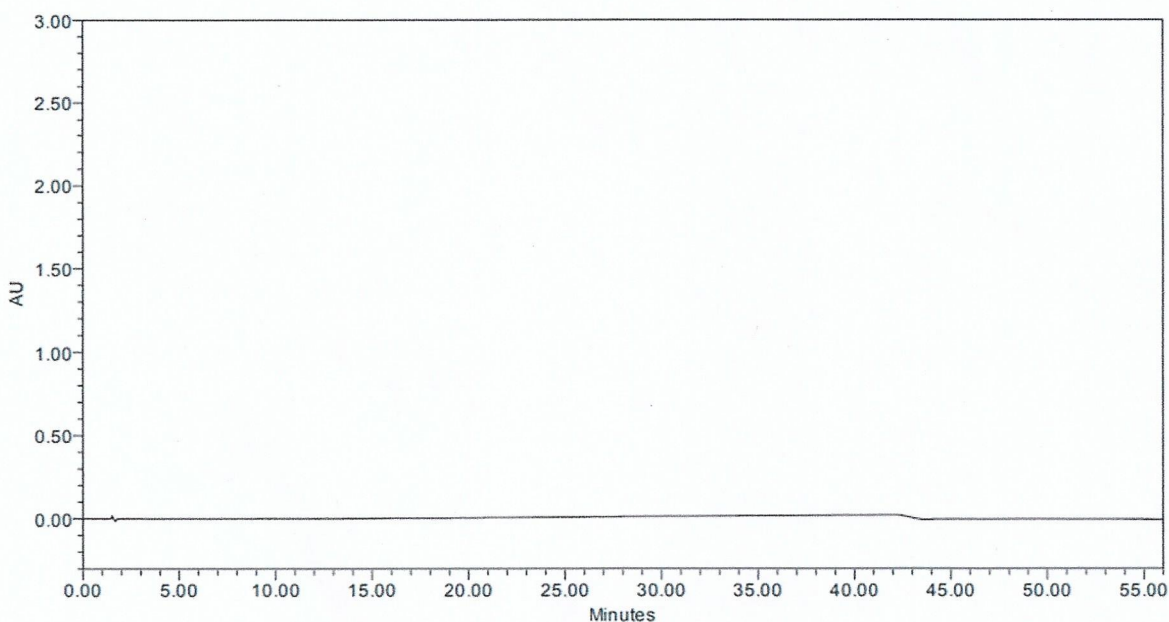




Default Individual Report

SAMPLE INFORMATION

Sample Name:	BLANK	Acquired By:	System
Sample Type:	Unknown	Sample Set Name:	ANZ_ASSAY_20230103
Vial:	1	Acq. Method Set:	ANZ_METH
Injection #:	1	Processing Method:	ANZ_ASSAY_PROC
Injection Volume:	10.00 ul	Channel Name:	215.0nm
Run Time:	56.0 Minutes	Proc. Chnl. Descr.:	PDA 215.0 nm
Date Acquired:	1/3/2023 12:22:40 PM IST		
Date Processed:	1/3/2023 8:51:55 PM IST		



1

2023/01/03

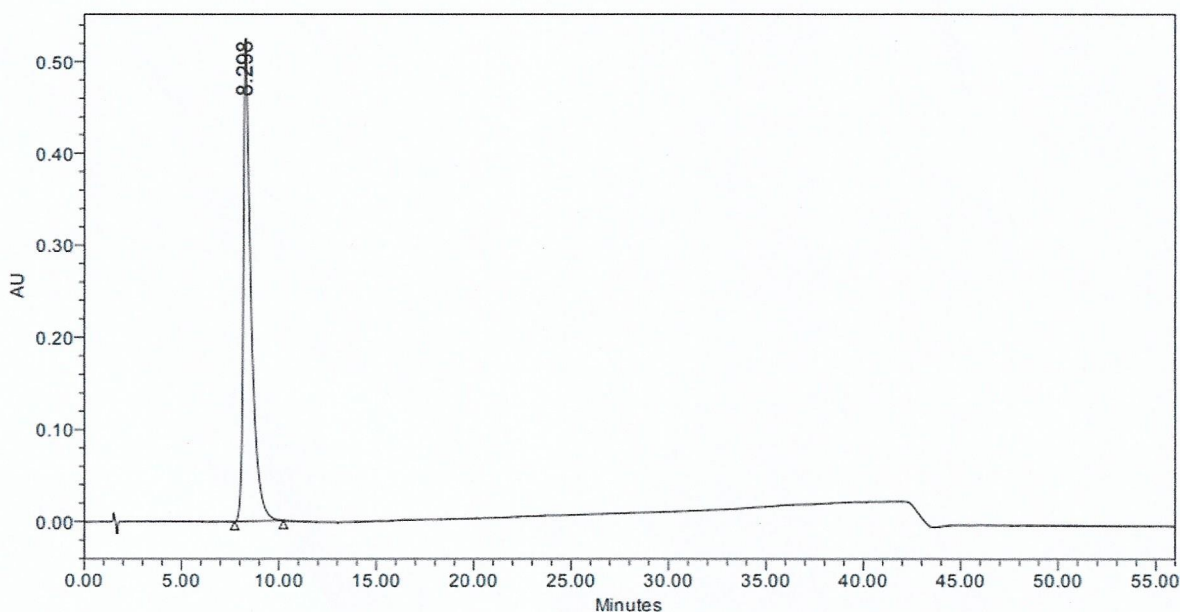




Default Individual Report

SAMPLE INFORMATION

Sample Name:	R079X0	Acquired By:	System
Sample Type:	Unknown	Sample Set Name:	ANZ_ASSAY_20230103
Vial:	2	Acq. Method Set:	ANZ_METH
Injection #:	1	Processing Method:	ANZ_ASSAY_PROC
Injection Volume:	10.00 ul	Channel Name:	215.0nm
Run Time:	56.0 Minutes	Proc. Chnl. Descr.:	PDA 215.0 nm
Date Acquired:	1/3/2023 1:19:55 PM IST		
Date Processed:	1/3/2023 8:51:57 PM IST		



	RT	Area	% Area
1	8.298	14236236	100.00

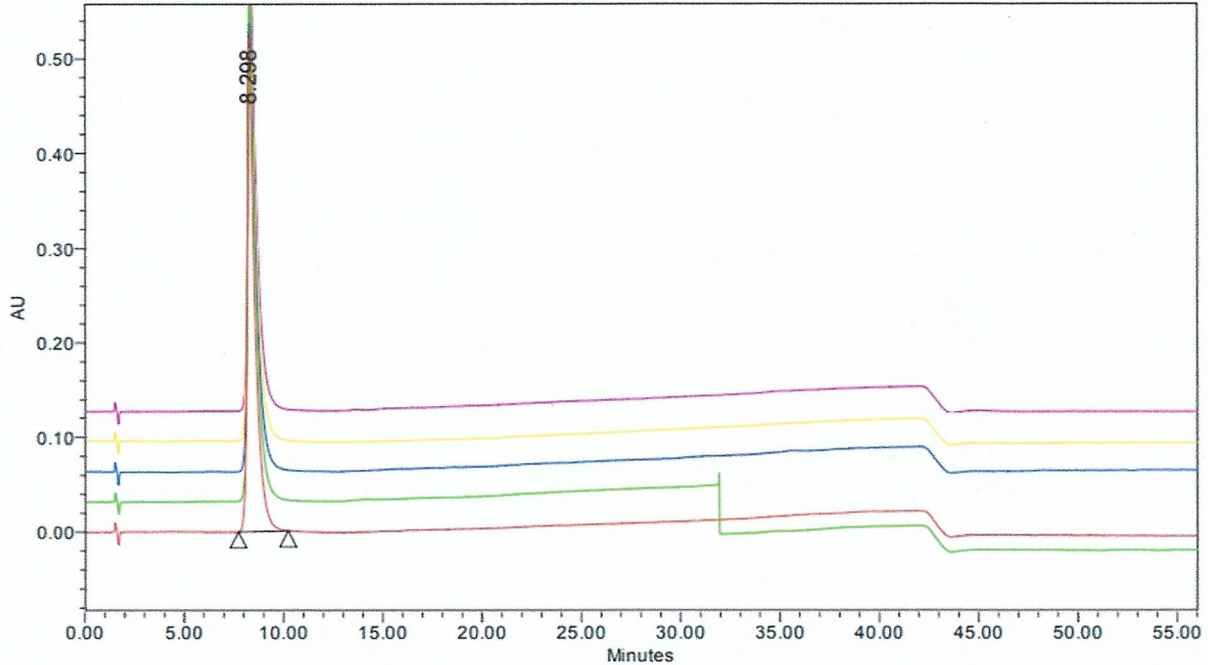
Reported by User: System
Report Method: Default Individual Report
Report Method ID 1121
Page: 1 of 1

Project Name: 2023-01
Date Printed: 1/3/2023
8:56:51 PM Asia/Calcutta





Peak Summary Report



— Sample Name: R079X0; Date Acquired: 1/3/2023 1:19:55 PM IST; Vial: 2; Injection: 1
 — Sample Name: R079X0; Date Acquired: 1/3/2023 2:16:52 PM IST; Vial: 2; Injection: 2
 — Sample Name: R079X0; Date Acquired: 1/3/2023 3:13:55 PM IST; Vial: 2; Injection: 3
 — Sample Name: R079X0; Date Acquired: 1/3/2023 4:10:58 PM IST; Vial: 2; Injection: 4
 — Sample Name: R079X0; Date Acquired: 1/3/2023 5:07:56 PM IST; Vial: 2; Injection: 5

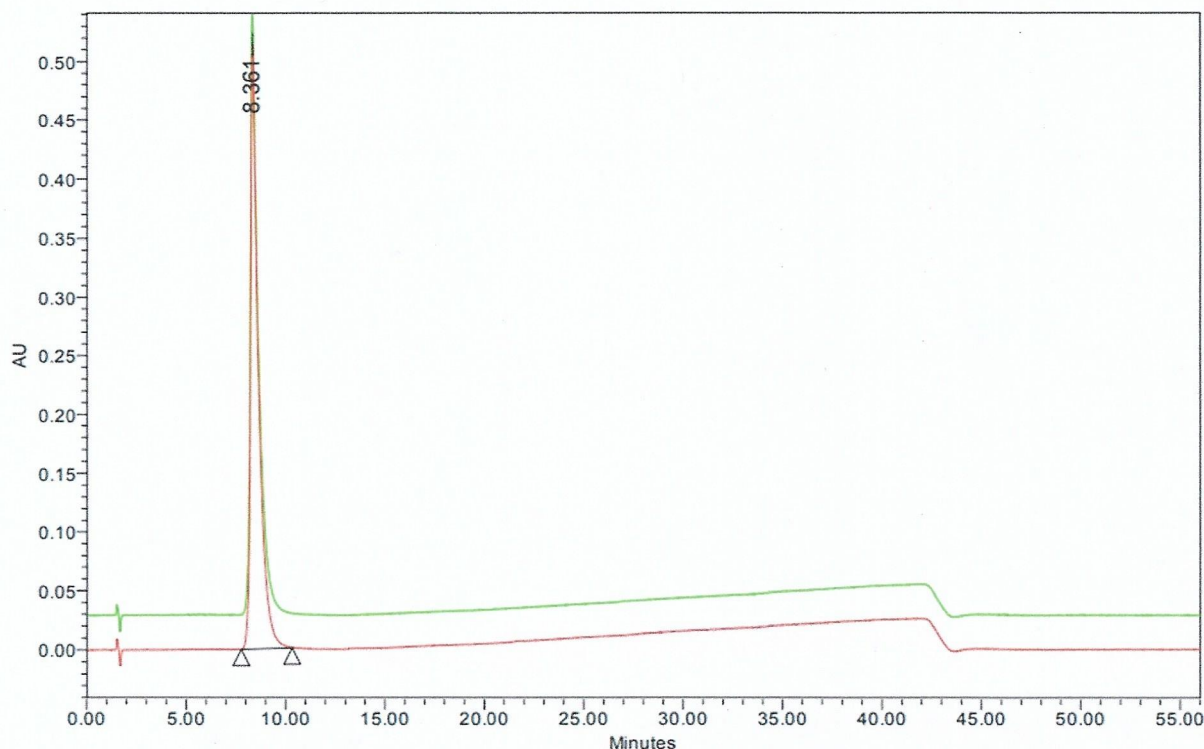
Peak Summary with Statistics

	Vial	Retention Time (min)	Area
1	2	8.298	14236236
2	2	8.329	14179402
3	2	8.321	14298097
4	2	8.343	14220456
5	2	8.343	14357637
Mean		8.327	14258365
Std. Dev.		0.019	69992.1
% RSD		0.22	0.5





Peak Summary Report



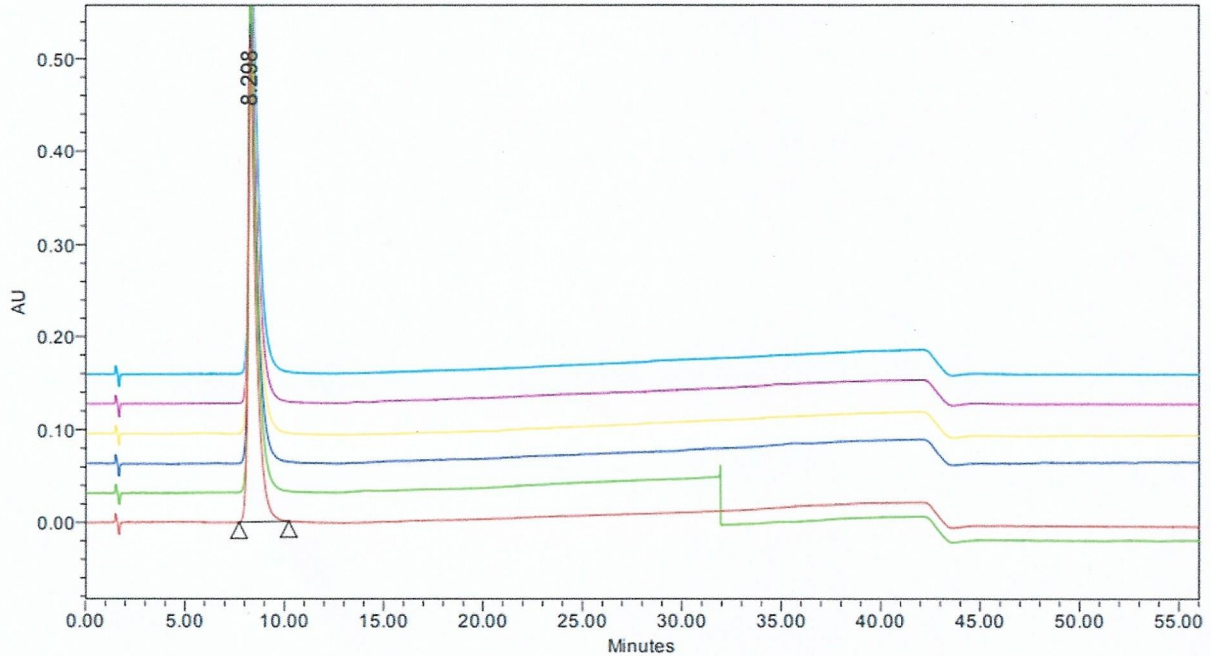
— Sample Name: SK-WS-22-068; Date Acquired: 1/3/2023 6:04:58 PM IST; Vial: 3; Injection: 1
— Sample Name: SK-WS-22-068; Date Acquired: 1/3/2023 7:01:54 PM IST; Vial: 3; Injection: 2

Peak Summary with Statistics

	Vial	Retention Time (min)	Area
1	3	8.352	14333941
2	3	8.361	14279765
Mean		8.357	14306853
Std. Dev.		0.006	38308.4
% RSD		0.07	0.3



Peak Summary Report



— Sample Name: R079X0; Date Acquired: 1/3/2023 1:19:55 PM IST; Vial: 2; Injection: 1
 — Sample Name: R079X0; Date Acquired: 1/3/2023 2:16:52 PM IST; Vial: 2; Injection: 2
 — Sample Name: R079X0; Date Acquired: 1/3/2023 3:13:55 PM IST; Vial: 2; Injection: 3
 — Sample Name: R079X0; Date Acquired: 1/3/2023 4:10:58 PM IST; Vial: 2; Injection: 4
 — Sample Name: R079X0; Date Acquired: 1/3/2023 5:07:56 PM IST; Vial: 2; Injection: 5
 — Sample Name: R079X0_BKT; Date Acquired: 1/3/2023 7:58:56 PM IST; Vial: 2; Injection: 1

Peak Summary with Statistics

	Vial	Retention Time (min)	Area
1	2	8.373	14344749
2	2	8.298	14236236
3	2	8.321	14298097
4	2	8.343	14357637
5	2	8.343	14220456
6	2	8.329	14179402
Mean		8.335	14272763
Std. Dev.		0.025	71852.6
% RSD		0.30	0.5



ASSAY BY HPLC

Sample Name	SK-605-22-068
AR.No	LL/202301019
Date of Analysis	03-01-2023
Balance ID	LL/BAL/01
Instrument ID	LL/HPLC/02
Column ID	LL/COL/007

Chromatographic Conditions:

Wavelength : 215 nm
Flow Rate : 0.75 ml/min
Injection Volume : 10 ul
Column Temperature: 25 °C
Sample Temperature: 25 °C
Run Time : 56 min

Preparation of Solutions:

Solution-A :- Mixed Acetonitrile, Methanol
TFA and water (100:300:0.5:600).

Solution-B :- Mixed Acetonitrile, Methanol
TFA and water (150:450:0.5:400).

Analysed by


03-01-2023

Checked by


03-01-2023



Gradient program:-

<u>Time</u>	<u>Solution-A</u>	<u>Solution-B</u>
0	100	0
10	100	0
40	0	100
41	100	0
56	100	0

Standard :- weighed and transferred
25.45 mg of standard in 50 ml V-Flask
added 20 ml of Acetonitrile and dissolved
and made up to mark with Solution-A
and mixed well.

Sample :- weighed and transferred
25.41 mg of sample in 50 ml V-Flask.

Analysed by


03-01-2023

03/01/2023



Checked by


03-01-2023

added 20 ml of Acetonitrile and
dissolved. Then Made up to
mark with solution-A and
mixed well.

Calculation:-

% of Assay on AS is:-

$$\frac{14306853 \times 25.45 \times 50 \times 99.8}{14357637 \times 50 \times 25.41} = 99.60\% \frac{\text{wt}}{\text{wt}}$$

% of Assay on Anhydrous basis:-

$$= \frac{99.60 \times 100}{99.9} = 99.7\% \frac{\text{wt}}{\text{wt}}$$

Analysed by

 03-01-2023

Checked by

 03-01-2023



WATER CONTENT

Sample Name	SK-WS-22-068
AR.No	LL/202301019
Date of Analysis	03-01-2023
Balance ID	LL/BAL/01
Instrument ID	LL/KF/01

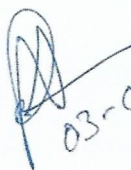
Sample wt = 0.2100 grams.

T.V = 0.04 ml

Calculation:

$$\frac{0.04 \times 5.0681 \times 100}{0.2100 \times 1000} = \underline{\underline{0.10\%}}$$

Analysed by


03-01-2023



Checked by


03-01-2023



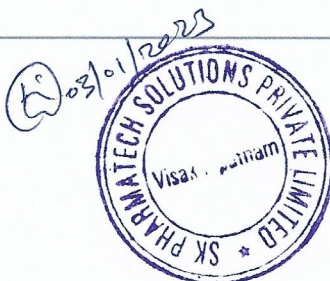
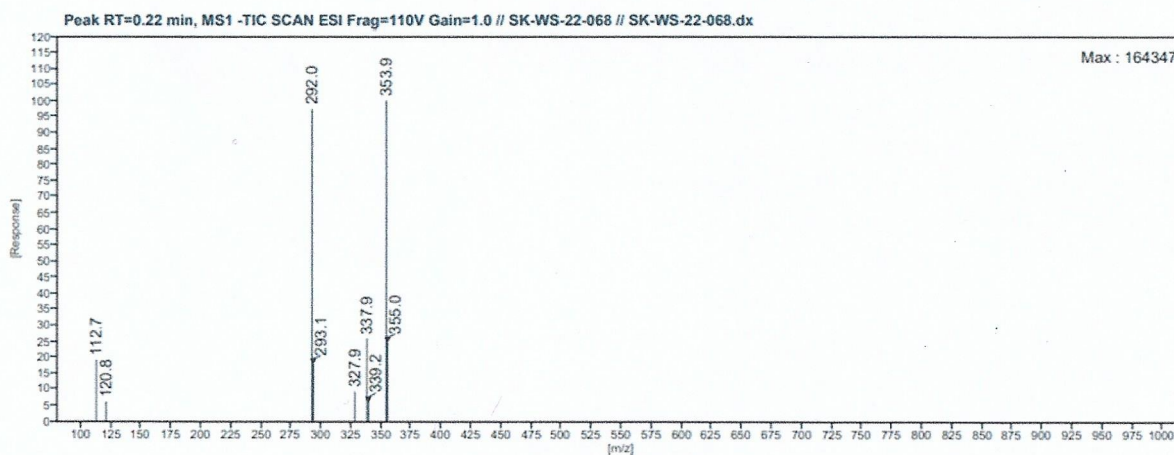
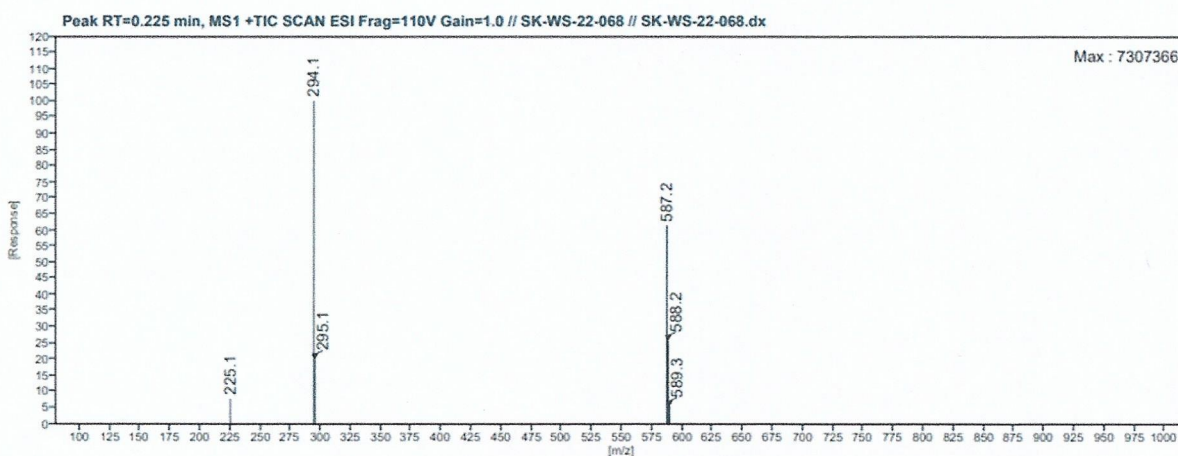
Agilent

MASS REPORT

Sample details

Sample name: SK-WS-22-068
Sequence Name: 03-01-2023020
Instrument: SA/AD/INS/013 Location: 91
Acquired on: 1/3/2023 4:20:21 PM Inj. volume: 10.000

MS Spectrum

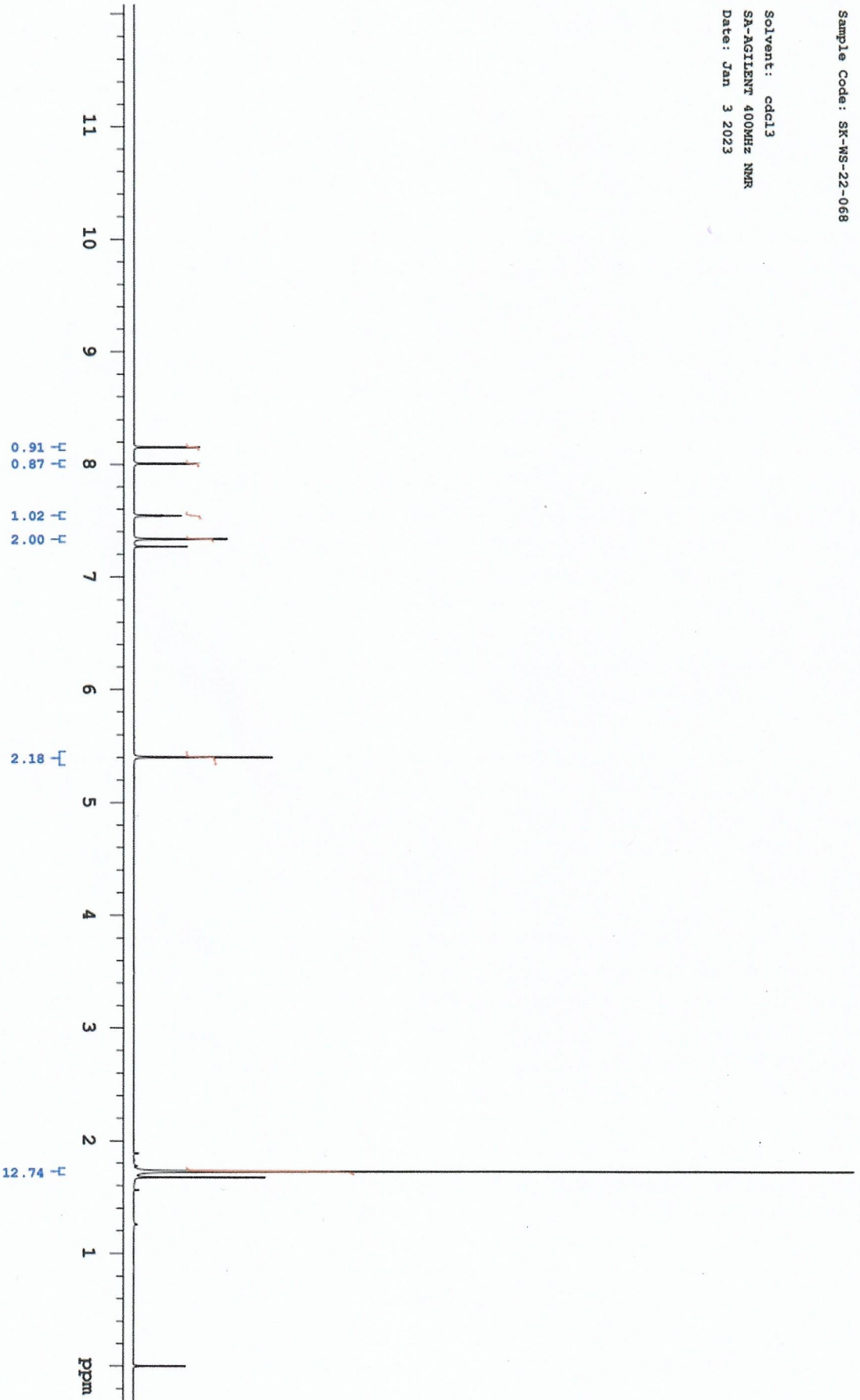


SK PHARMATECH SOLUTIONS PVT LTD

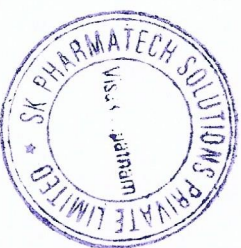
Door No.1-53-7/1/4/SF302, MVP colony, Sector -1, Revenue ward-8, Visakhapatnam, Andhra Pradesh, INDIA, Pin: 530017. Email: info@skpharmatech.in, website: www.skpharmatech.in

Sample Code: SK-WS-22-068

Solvent: cdcl3
SA-AGILENT 400MHz NMR
Date: Jan 3 2023



Plotname: SK-WS-22-068_PROTON_20230103_01_plot01



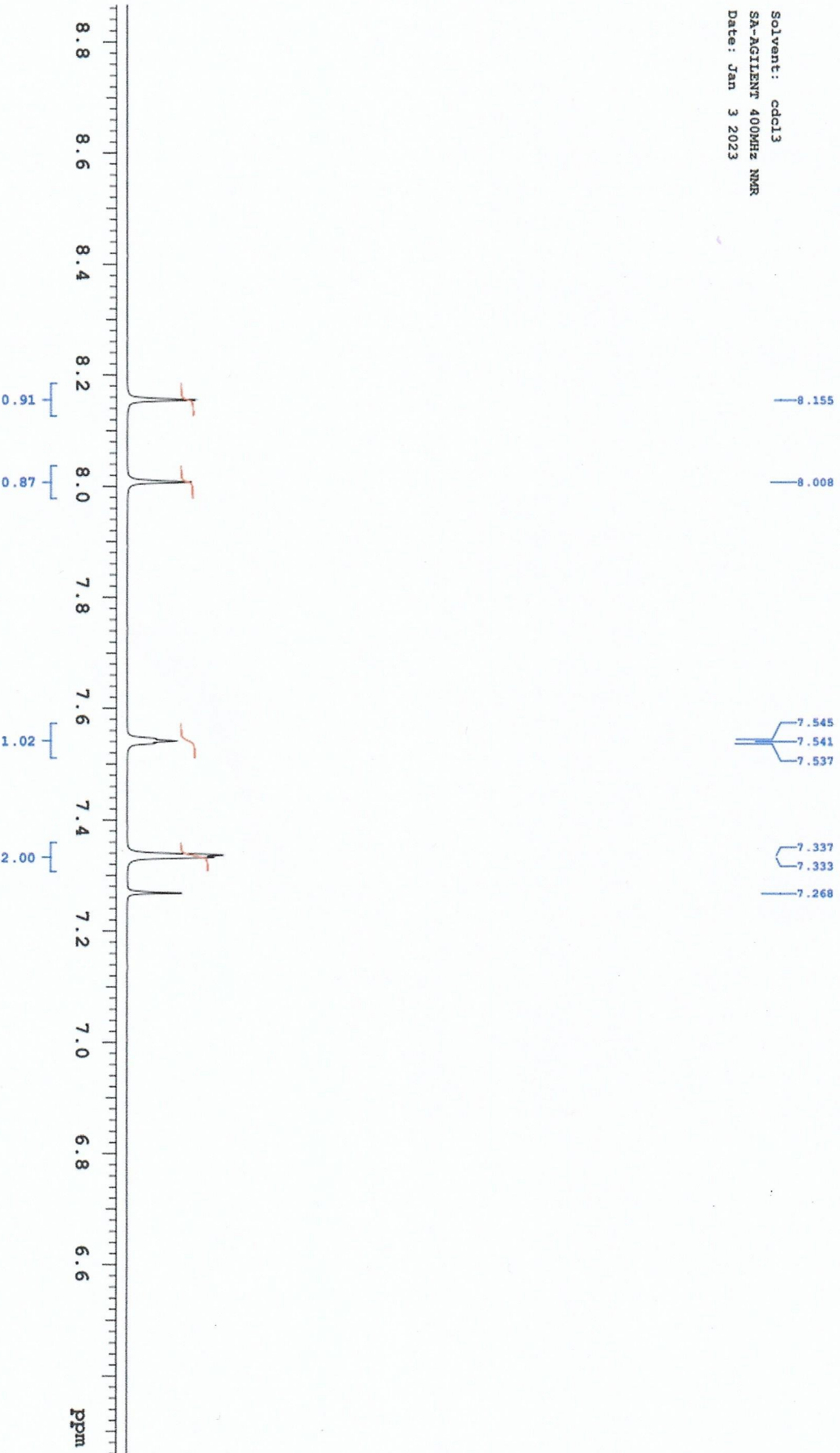
03/01/2023

SK PHARMATECH SOLUTIONS PVT LTD

Door No.1-53-7/1/4/SF302, MVP colony, Sector -1, Revenue ward-8, Visakhapatnam, Andhra Pradesh, INDIA, Pin: 530017. Email: info@skpharmatech.in, website: www.skpharmatech.in

Sample Code: SK-WS-22-068

Solvent: cdcl3
SA-AGILENT 400MHz NMR
Date: Jan 3 2023



Plotname: SK-WS-22-068_PROTON_20230103_01_plot02



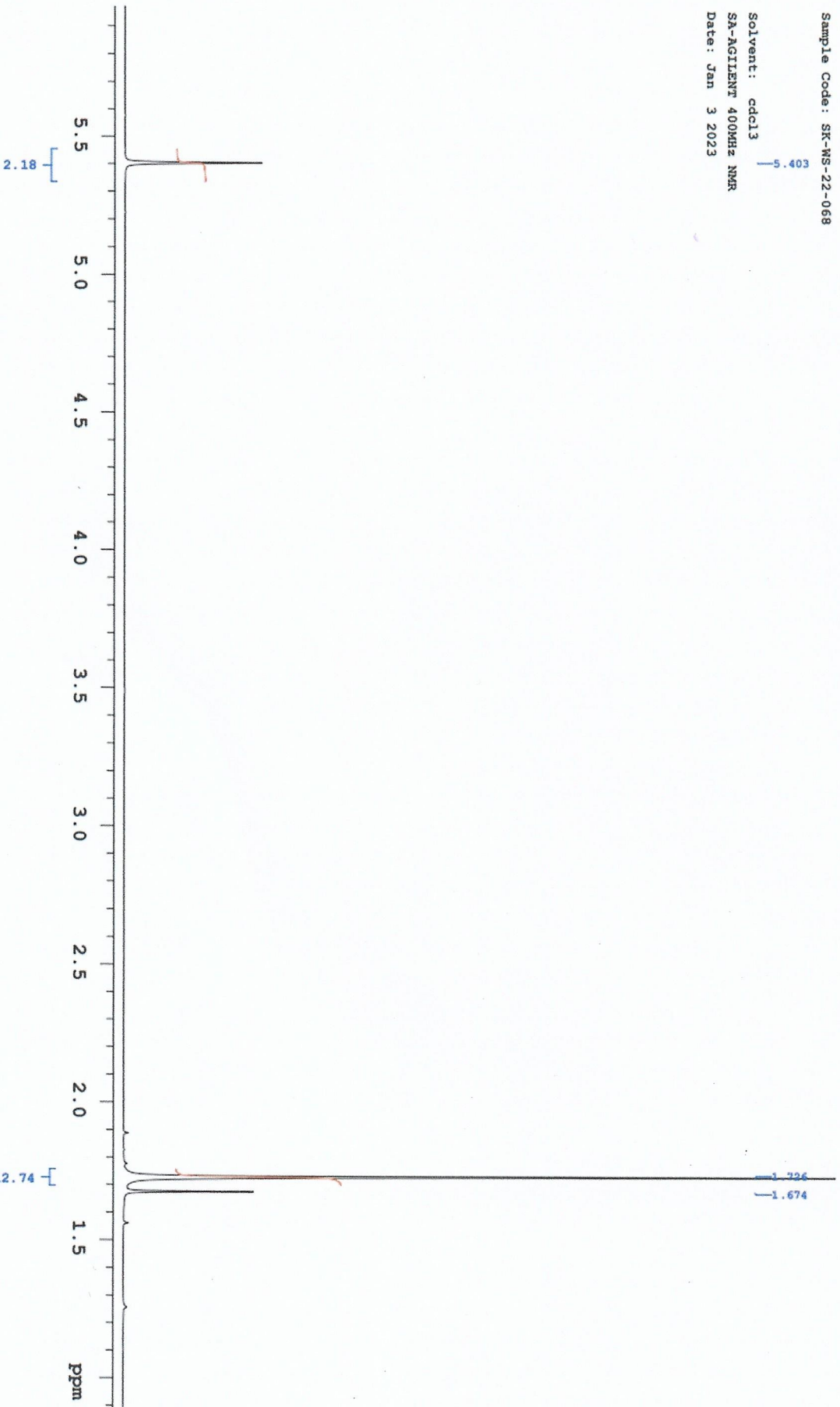
03/01/2023

SK PHARMATECH SOLUTIONS PVT LTD

Door No.1-53-7/1/4/SF302, MVP colony, Sector -1, Revenue ward-8, Visakhapatnam, Andhra Pradesh, INDIA, Pin: 530017. Email: info@skpharmatech.in, website: www.skpharmatech.in

Sample Code: SK-WS-22-068

Solvent: $cdcl_3$
SA-AGILENT 400MHz NMR
Date: Jan 3 2023



Plotname: SK-WS-22-068_PROTON_20230103_01_plot03



03/01/2023

Door No.1-53-7/1/4/SF302, MVP colony, Sector -1, Revenue ward-8, Visakhapatnam, Andhra Pradesh, INDIA, Pin: 530017. Email: info@skpharmatech.in, website: www.skpharmatech.in

```

expl  PROTON

SAMPLE
date   Jan 3 2023  satmode  n
solvent  cdcl3  wet  n
file /home/agilent~  SPECIAL
/data/2023/Jan/SK~  temp  not used
WS-22-068_20230103~  gain  42
_01/SK-WS-22-068_P~  spin  20
ROTON_20230103_01~  hst  0.008
                        fid  pw90  12.000
                        alfa  10.000

ACQUISITION
sw      7183.9  FLAGS
at      4.000  il  n
np      57472  in  n
fb      4000  dp  y
bs      2      hs  nn
dl      1.000  PROCESSING
nt      128  lb  0.50
ct      12  fn  not used

TRANSMITTER
tn      H1  sp  -783.1
sfrq    399.827  wp  7183.7
tof      799.6  rfl  783.3
tpwr     61  rfp  0
pw      6.000  rp  -134.3
DECOUPLER  lp  0
dn      C13  PLOT
dof      0  wc  268
dm      nnn  sc  0
decwave W40_ATB-83~  vs  50
                        85  th  2
dpwr     39  ai  ph
dmf      29412
  
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INDEX	FREQUENCY	PM	HEIGHT
1	3260.7	8.155	12.5
2	3201.9	8.008	11.8
3	3016.7	7.545	5.4
4	3015.1	7.541	9.0
5	3013.6	7.537	5.2
6	2933.4	7.337	17.7
7	2931.8	7.333	16.1
8	2906.0	7.268	10.2
9	2160.1	5.403	26.4
10	690.2	1.726	205.3
11	669.3	1.674	25.0
12	0.0	0.000	10.0

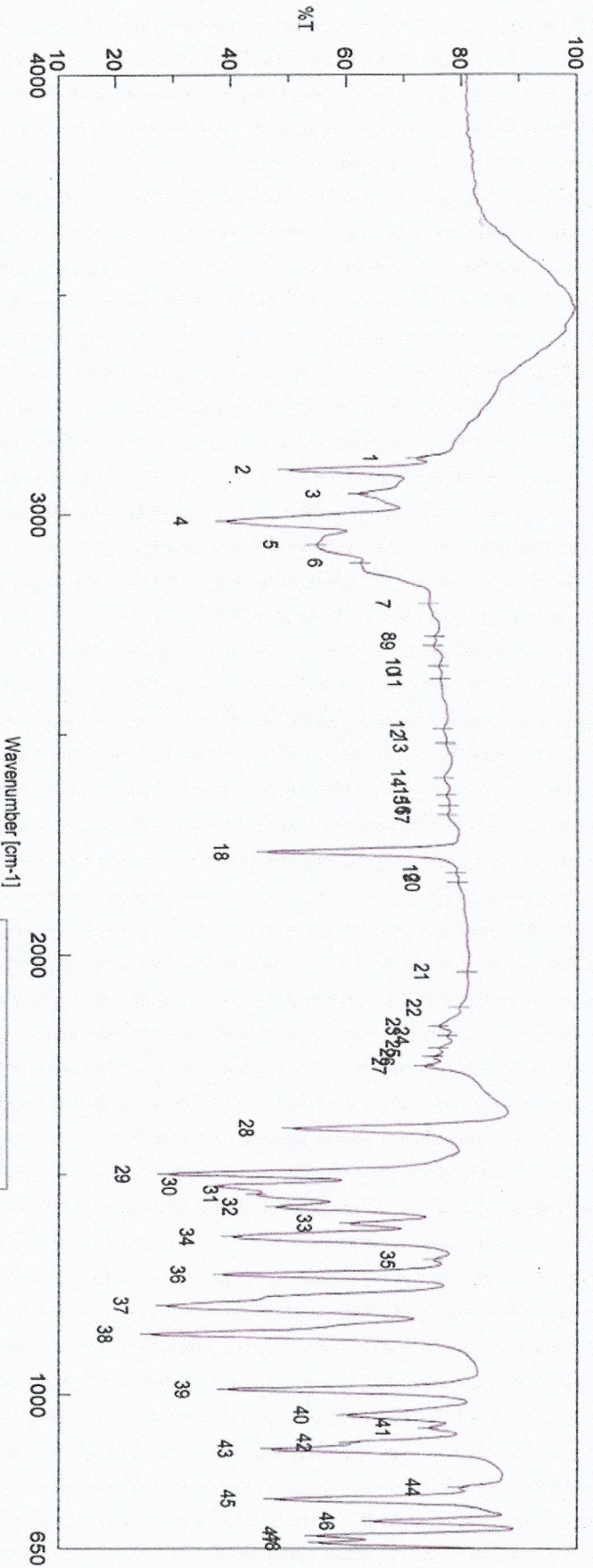
Plotname: SK-WS-22-068_PROTON_20230103_01_plot04



2023/01/2023

Door No.1-53-7/1/4/SF302, MVP colony, Sector -1, Revenue ward-8, Visakhapatnam, Andhra Pradesh, INDIA, Pin: 530017. Email: info@skpharmatech.in, website: www.skpharmatech.in

FT-IR

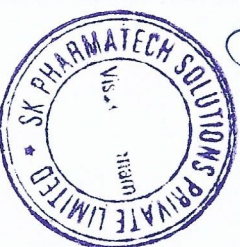


[Measurement Information]
Model Name FT/IR-4100typeA
Serial Number B117961016

Measurement Date 03-01-2023 15:23

Light Source Standard
Detector TGS
Accumulation 18
Resolution 4 cm-1
Zero Filling On
Apodization Cosine
Gain Auto (8)
Aperture Auto (7.1 mm)
Scanning Speed Auto (2 mm/sec)
Filter Auto (30000 Hz)

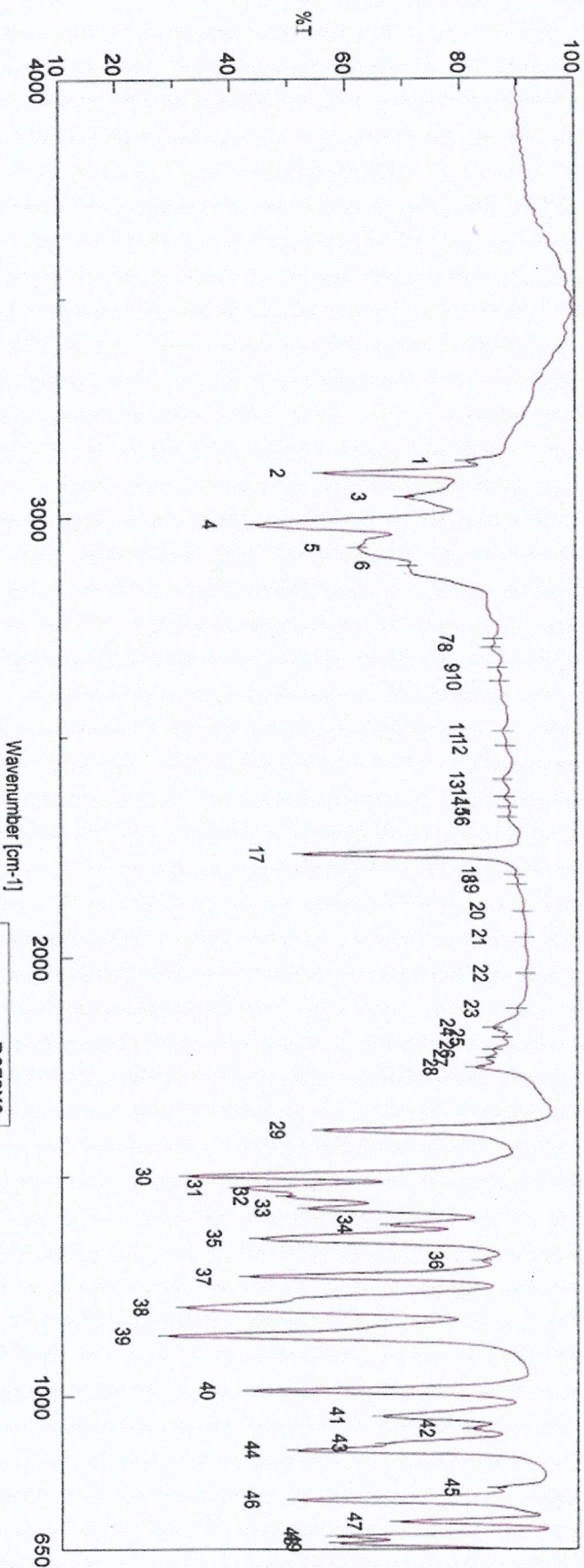
No.	Position	Intensity	No.	Position	Intensity	No.	Position	Intensity	No.	Position	Intensity
1	3127.97	71.94	2	3101.94	49.82	3	3046.98	61.95	4	2984.30	39.01
5	2931.27	54.64	6	2888.84	62.25	7	2796.28	74.14	8	2723.00	75.08
9	2702.75	74.84	10	2656.46	75.84	11	2626.57	76.13	12	2511.83	76.61
13	2479.04	77.11	14	2401.91	76.77	15	2361.41	77.22	16	2338.27	77.57
17	2318.02	77.45	18	2235.09	46.07	19	2185.92	78.86	20	2163.74	79.20
21	1959.32	80.79	22	1879.29	79.44	23	1837.83	75.86	24	1815.65	77.33
25	1787.69	75.85	26	1768.40	74.87	27	1748.16	73.41	28	1605.45	50.41
29	1501.31	28.94	30	1473.35	36.96	31	1455.03	44.21	32	1428.03	47.57
33	1390.42	60.48	34	1359.57	40.08	35	1307.50	74.90	36	1273.75	38.49
37	1202.40	28.67	38	1136.83	25.89	39	1012.45	39.29	40	954.59	59.94
41	925.66	74.14	42	891.92	60.45	43	877.45	46.77	44	788.74	79.37
45	762.71	47.32	46	712.57	64.43	47	679.78	54.55	48	664.36	55.07



03/01/2023

Door No.1-53-7/1/4/SF302, MVP colony, Sector -1, Revenue ward-8, Visakhapatnam, Andhra Pradesh, INDIA, Pin: 530017. Email: info@skpharmatech.in, website: www.skpharmatech.in

FT-IR



[Measurement Information]

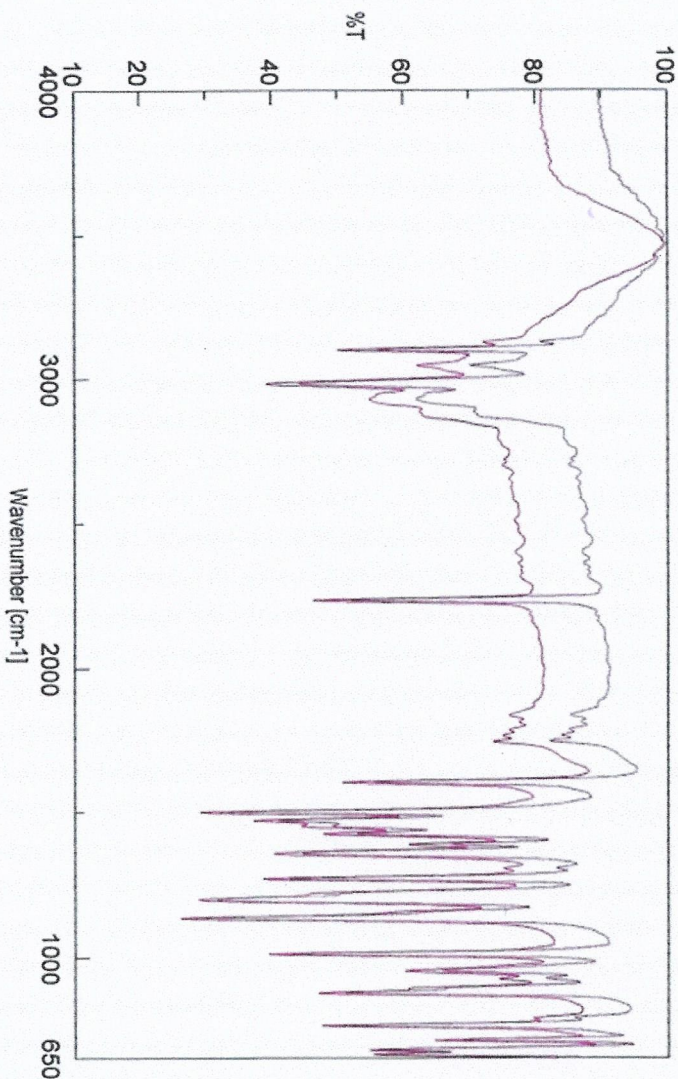
Model Name FT/IR-4100typeA
Serial Number B117961016
Measurement Date 03-01-2023 15:11
Light Source Standard
Detector TGS
Accumulation 18
Resolution 4 cm-1
Zero Filling On
Apodization Cosine
Gain Auto (8)
Aperture Auto (7.1 mm)
Scanning Speed Auto (2 mm/sec)
Filter Auto (30000 Hz)

Results of Peak Find

No.	Position	Intensity	No.	Position	Intensity	No.	Position	Intensity	No.	Position	Intensity
1	3127.97	80.68	2	3101.94	55.87	3	3046.98	70.06	4	2984.30	44.04
5	2931.27	81.88	6	2888.84	70.54	7	2723.00	85.30	8	2702.75	84.94
9	2656.46	86.11	10	2625.61	86.42	11	2511.83	86.91	12	2478.08	87.45
13	2401.91	86.96	14	2361.41	87.23	15	2339.23	87.87	16	2317.05	87.80
17	2235.09	51.95	18	2185.92	88.94	19	2163.74	89.32	20	2102.99	90.31
21	2041.28	90.71	22	1959.32	90.81	23	1879.29	89.28	24	1837.83	85.13
25	1814.69	86.79	26	1787.69	84.99	27	1768.40	83.81	28	1748.16	82.07
29	1605.45	55.34	30	1501.31	32.10	31	1473.35	40.95	32	1455.03	49.00
33	1428.03	52.80	34	1390.42	67.11	35	1359.57	44.42	36	1307.50	83.00
37	1272.79	42.56	38	1202.40	31.57	39	1136.83	28.38	40	1012.45	43.15
41	954.59	65.70	42	925.66	81.32	43	891.92	66.08	44	877.45	50.87
45	788.74	85.70	46	762.71	50.80	47	712.57	68.72	48	679.78	57.66
49	664.36	58.13									

Door No.1-53-7/1/4/SF302, MVP colony, Sector -1, Revenue ward-8, Visakhapatnam, Andhra Pradesh, INDIA, Pin: 530017. Email: info@skpharmatech.in, website: www.skpharmatech.in

Result - SK-WS-22-068



[Comparison of data]
Algorithm Correlation Coefficient
Range 3999.640 - 649.893cm-1
Sample R079X0
Score 0.990

SK-WS-22-068
R079X0

[Detailed Information]
Creation date 03-01-2023 15:26

Data array type Linear data array
Horizontal axis Wavenumber [cm-1]
Vertical axis %T
Start 649.893 cm-1
End 4000.6 cm-1
Data interval 0.964233 cm-1
Data points 3476

[Measurement Information]
Model Name FT/IR-4100typeA
Serial Number B117961016

Measurement Date 03-01-2023 15:23

Light Source Standard
Detector TGS
Accumulation 18
Resolution 4 cm-1
Zero Filling On
Apodization Cosine
Gain Auto (8)
Aperture Auto (7.1 mm)
Scanning Speed Auto (2 mm/sec)
Filter Auto (30000 Hz)

[Comments]
Sample name SK-WS-22-068
Comment
User
Division
Company LEKKALALABS



03/01/2023