



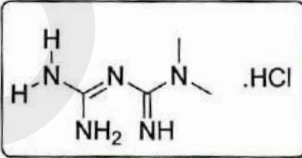
Life Sciences

Plot #92B, Road #8, ALEAP Industrial Estate  
Near Pragati Nagar, Gajularamaram  
Hyderabad - 500 090, Telangana.



+91 99634 63333

info@svakls.com

## Certificate of Analysis

<b>Name of the Product: Metformin Hydrochloride</b>		<b>Structure</b>
<b>Chemical Name:</b> 3-(diaminomethylidene)-1,1-dimethylguanidine;hydrochloride.		
<b>CAS No:</b> 1115-70-4	<b>Mfg. date:</b> Aug 08, 2024	
<b>Molecular Weight:</b> 129.16(Free base) & 165.62 (As HCl)	<b>Date of Release:</b> Aug 09, 2024	
<b>Chemical Formula:</b> C <sub>4</sub> H <sub>12</sub> ClN <sub>5</sub>	<b>Retest Date:</b> Aug 08, 2026	
<b>Batch No.:</b> SVAK-MTFM-338-24-12		

S. No.	Test Parameter	Specification	Result
1	Description	White solid	Complies
2	Solubility	Methanol, Dimethyl sulfoxide & Acetonitrile	Complies
3	Purity by HPLC	NLT 90.0%	99.80%
4	MASS Spectrum	Confirms with molecular weight	Complies
5	IR Spectrum	Confirms with Characteristic Peaks	Complies
6	<sup>1</sup> H-NMR(DMSO D <sub>6</sub> +D <sub>2</sub> O)	Confirms to Structure	Complies
7	<sup>13</sup> C-NMR(DMSO D <sub>6</sub> )	Confirms to Structure	Complies
8	ROI	NA	0.08%w/w
9	LOD by TGA	NA	0.17%
10	Potency	NA	99.63%

	<b>Reviewed by</b>	<b>Approved by</b>
<b>Sign</b>	 (P. Veeranjanyulu)	 (N. Malya Sri Reddy)
<b>Date</b>	09-08-2024	09/08/2024
<b>Storage and Handling</b>		
<b>Storage</b>	"Store the material at ambient temperature for 14-15 days. For longer duration storage beyond 15 days store at under 2-8°C."	
<b>Packing</b>	Brown color vial with cap.	
<b>Handling</b>	Only Experienced Laboratory person should handle the material.	

### SVAK LIFE SCIENCES

Plot # 92B, Road # 8, ALEAP Industrial Estate  
Near Pragathi Nagar, Gajularamaram  
Hyderabad, TELANGANA-500 090

**Structural Elucidation Report of**  
**Metformin Hydrochloride**

**a) Purity by HPLC:**

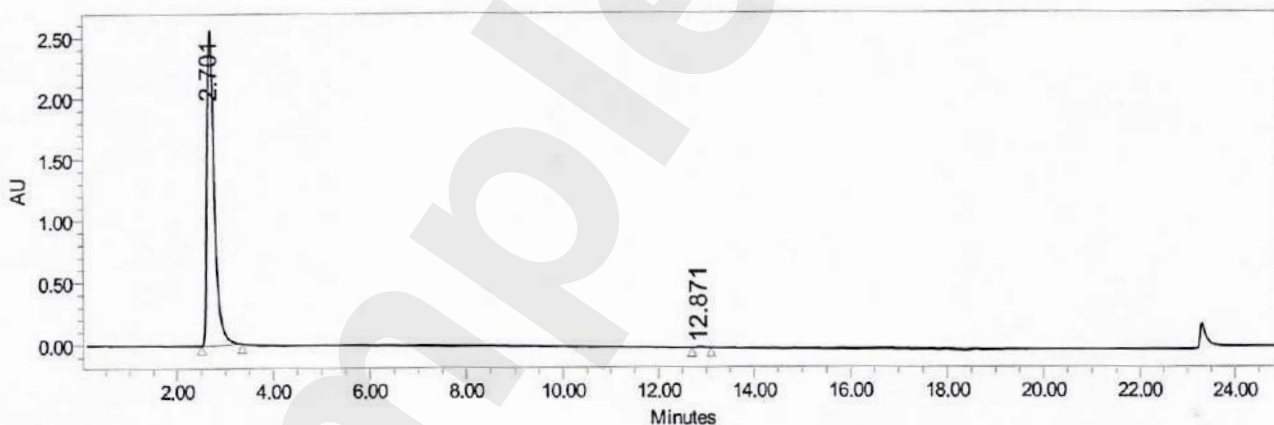
Name of the Compound	Retention Time (Min)	HPLC Purity	Remarks
Metformin Hydrochloride SVAK-MTFM-338-24-12	2.70	99.80%	HPLC report was attached





SAMPLE INFORMATION

SampleName 5527  
SampleID : SVAK-MTFM-338-24-12  
Vial: 92  
Injection #: 1  
Injection Volume: 5.00 ul  
Run Time: 25.0 Minutes  
Date Acquired: 8/6/2024 5:17:55 PM IST  
Date Processed: 8/6/2024 5:47:41 PM IST  
Mobilephase\_A : 0.01M Ammonium formate in 1000ml of Water.  
Mobilephase\_B : Acetonitrile  
Flow : 1.0ml/min  
ColumnID : Luna C18( 250×4.6)mm,10µm  
Gradient : 0/10,15/90,20/90,21/10,25/10.  
Diluent : Acetonitrile:Water(1:1)  
Acquired By: System  
Sample Set Name 06082024\_003  
Acq. Method Set: Gen @ 25 Min  
Processing Method 5527  
Channel Name: 225.0nm  
Proc. Chnl. Descr.: PDA 225.0 nm



	RT	Area	% Area	Height
1	2.701	27113580	99.80	2556670
2	12.871	54406	0.20	5116



Checked By :  
Date :



Analysed By :  
Date :

## Instrument Method: Gen @ 25 Min

Stored: 8/2/2024 2:57:18 PM IST

### Method Information

#### Method Comments

Method Modified User System

Method Locked No

Method Id 1310

Method Version 3

Method Edit User

Source S/W Info

Empower 2 Software Build 2154 SPs Installed: Service Pack G  
Hotfix 2 DB ID: 871833855

### W2690/5 Gradient Table

Time	Flow	%A	%B	%C	%D	Curve
1	1.00	90.0	10.0	0.0	0.0	
2	15.00	1.00	10.0	90.0	0.0	6
3	20.00	1.00	10.0	90.0	0.0	6
4	21.00	1.00	90.0	10.0	0.0	6
5	25.00	1.00	90.0	10.0	0.0	6

### Revision History

This method contains 19 items in the revision history.

ColumnID Luna C18( 250×4.6)mm,10µm



Reported by User: System  
Report Method: SVAK\_HPLC\_  
Report Method ID 1042  
Page: 2 of 2

Project Name: 2024\AUGUST\_2024\ADLC\_001

Date Printed:  
8/6/2024

5:48:04 PM Asia/Calcutta



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Near Pragati Nagar, Gajularamaram  
Hyderabad - 500 090, Telangana.

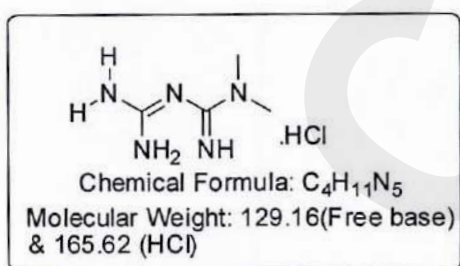
+91 99634 63333

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**b) Mass Spectrum:**

The mass spectrum of Metformin Hydrochloride was performed on Acquity QDA instrument. The mass spectrum for Metformin Hydrochloride shows peak on ESI-positive (M+H):130.50 (Free base Mass). Which are in agreement with the chemical structure and Mass spectrum had been attached.

**Structure:**



**Observed Mass in Spectrum:**  
(M+H)=130.50



SVAK-MTFM-338-24-12

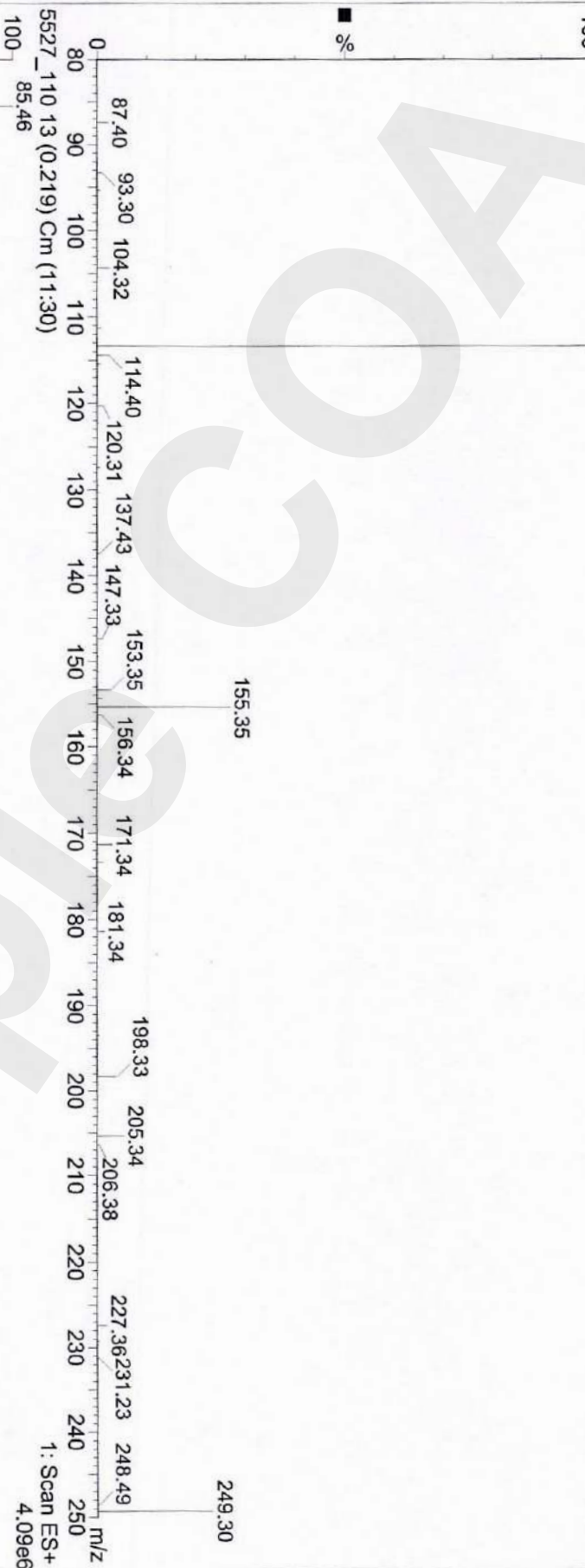
SVAK LIFE SCIENCES

06-Aug-2024 17:32:30

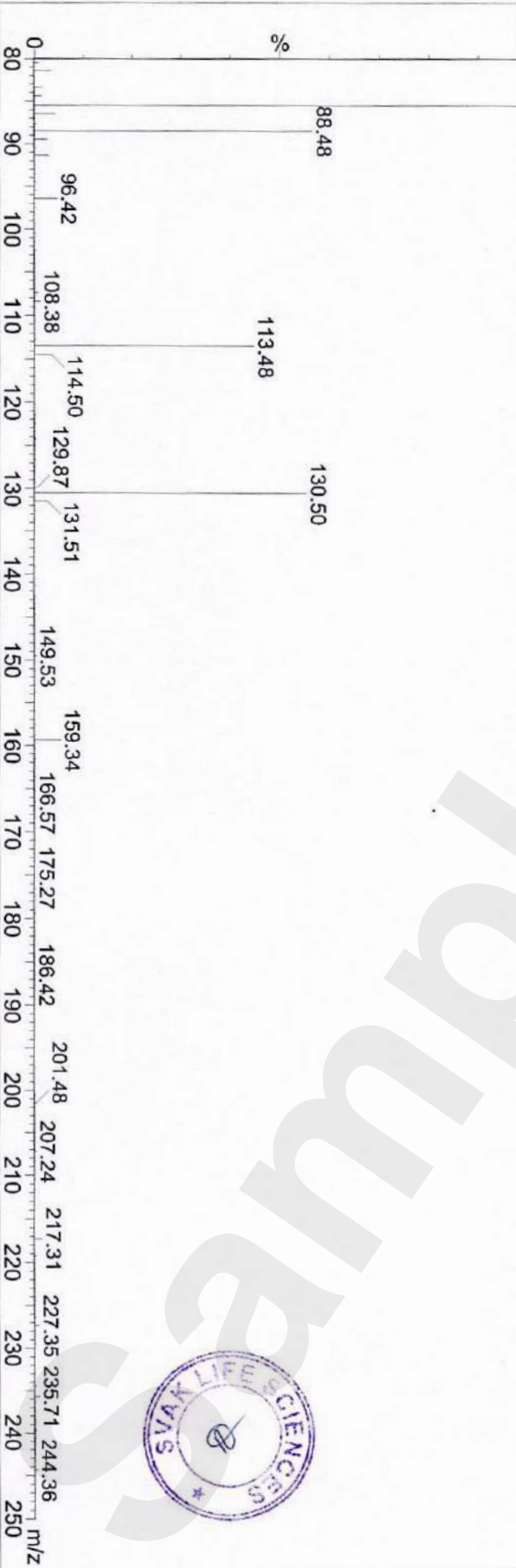
5527\_110 29 (0.509) Cm (6:35)

113.37

2: Scan ES-  
3.48e6

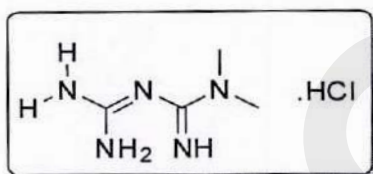


1: Scan ES+  
4.09e6



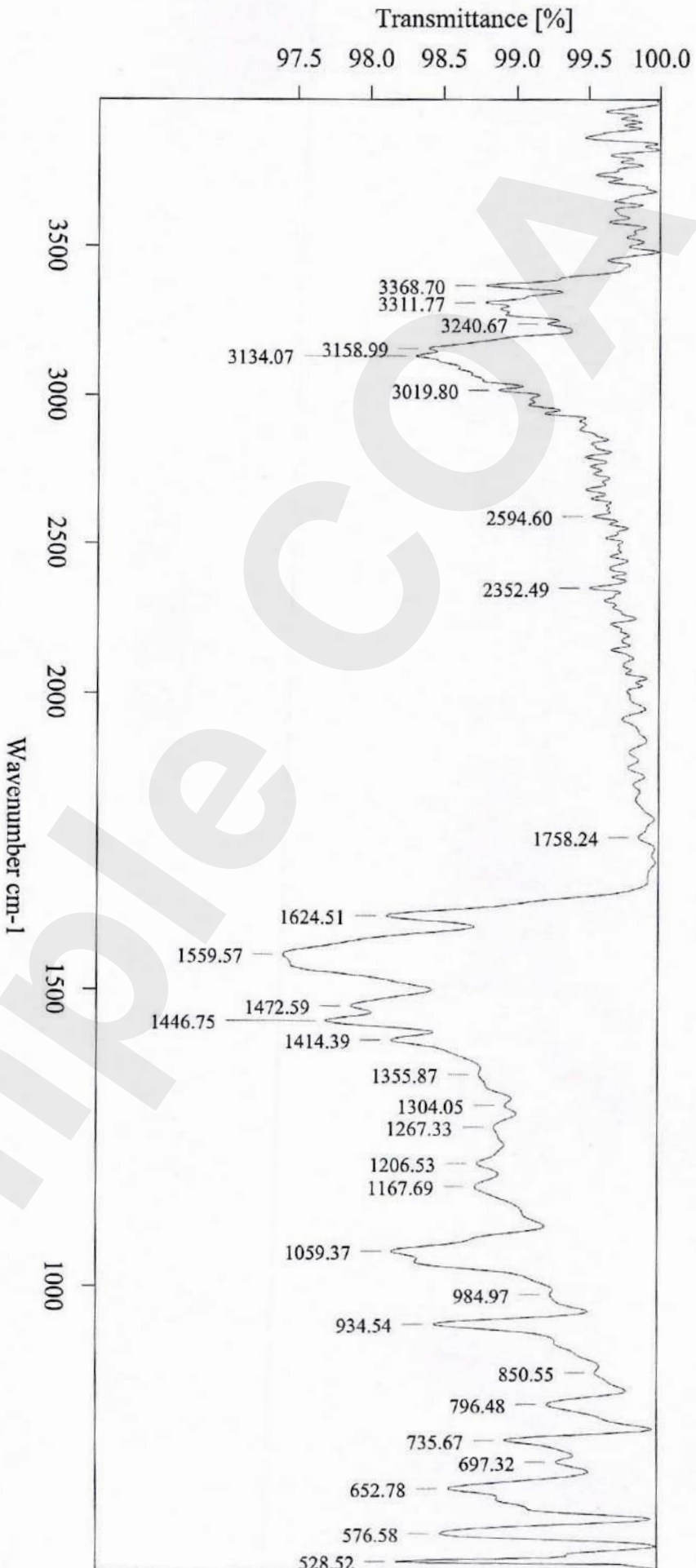
**c) IR Spectra:**

The FT-IR spectrum of Metformin Hydrochloride (SVAK-MTFM-338-24-12) using Bruker spectrometer. The observed functional group peaks are in agreement with the chemical structure and IR spectrum had been attached.



Functional group	Absorption (cm <sup>-1</sup> ) (SVAK-MTFM-338-24-12)
-NH Stretching	3368.70 cm-1
-C-N Stretching	1059.37 cm-1





Sample Name:SVAK-MTFM-338-24-12

Lot No./Batch No:

Date & Time:07-08-2024,08:43:25

Operator Name:Accu Chemist


Experiment:IR-33.xpm

Resolution:4

Sample Scans:16

Frequency Range:4000 to 500



Analysed by: 

Date: 07-08-2024 08:48:27

Checked by:

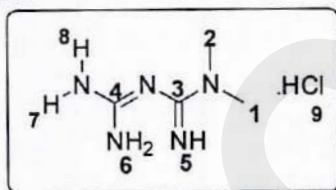
Date:



d) <sup>1</sup>H NMR Spectra:

The Proton NMR spectra of Metformin Hydrochloride was obtained in DMSO-D<sub>6</sub>+D<sub>2</sub>O by using Bruker ascend 400 MHz spectrometer. The number of protons are showing in the <sup>1</sup>H NMR spectrum are in agreement with the chemical structure and are assigned as given in following table. <sup>1</sup>H-NMR spectrum was attached.

Structure of the Compound:

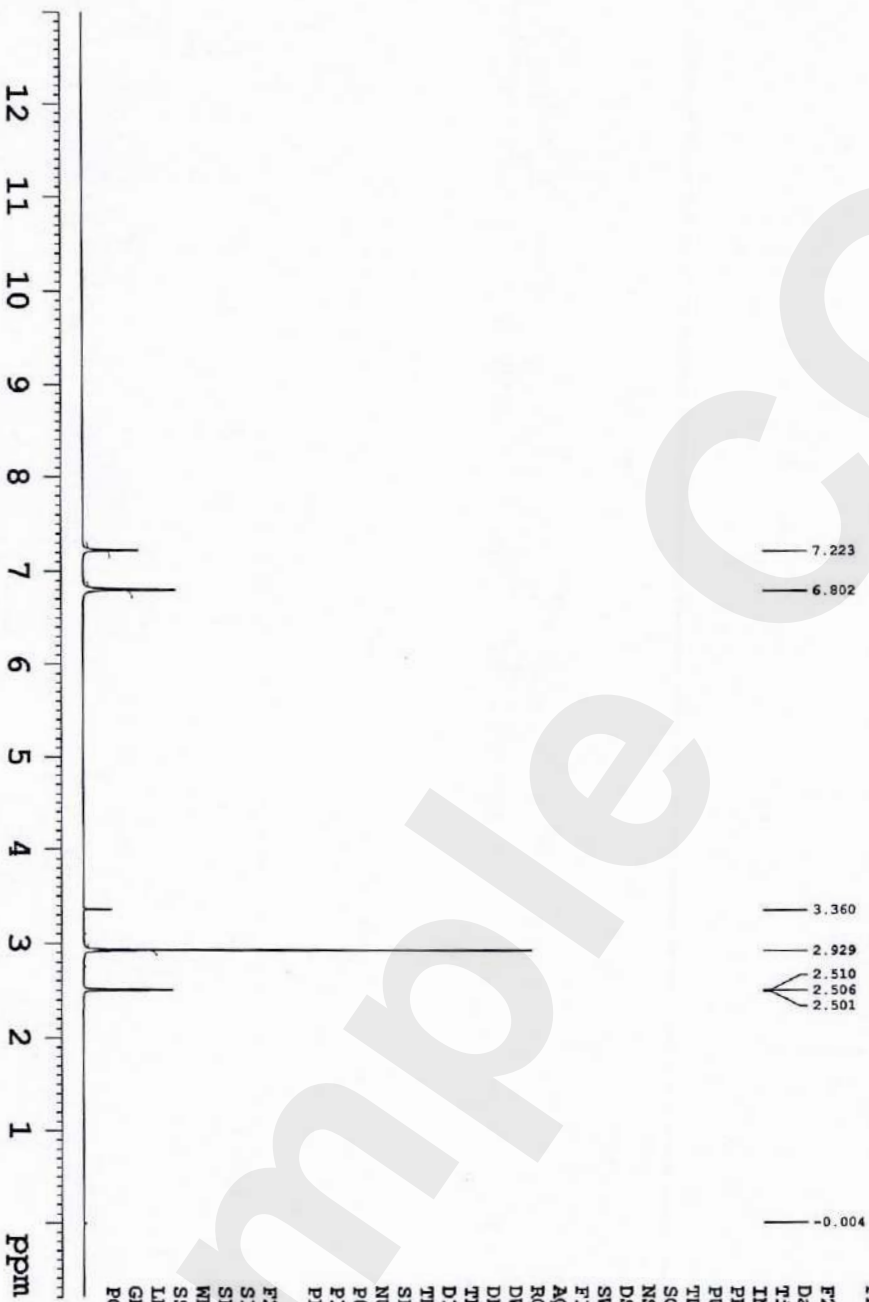


➤ The <sup>1</sup>H NMR chemical shifts are reported on the δ scale in ppm.

Position (type of Proton)	δ (ppm)	Number of Protons (Multiplicity)
1 (-CH <sub>3</sub> ), 2 (-CH <sub>3</sub> )	2.92	6 (s)
5 (-NH), 6 (-NH <sub>2</sub> ) & 7 (-CH)	6.80	4 (brs)
8 (-CH) & 9 (-HCl)	7.22	2 (brs)



SVAK-MTFM-338-24-12  
 1H DMSO-D6  
 06-08-2024



Current Data Parameters  
 NAME SVAK-MTFM-338-24-12  
 EXPNO 1  
 PROCNO 1

F2 - Acquisition Parameters

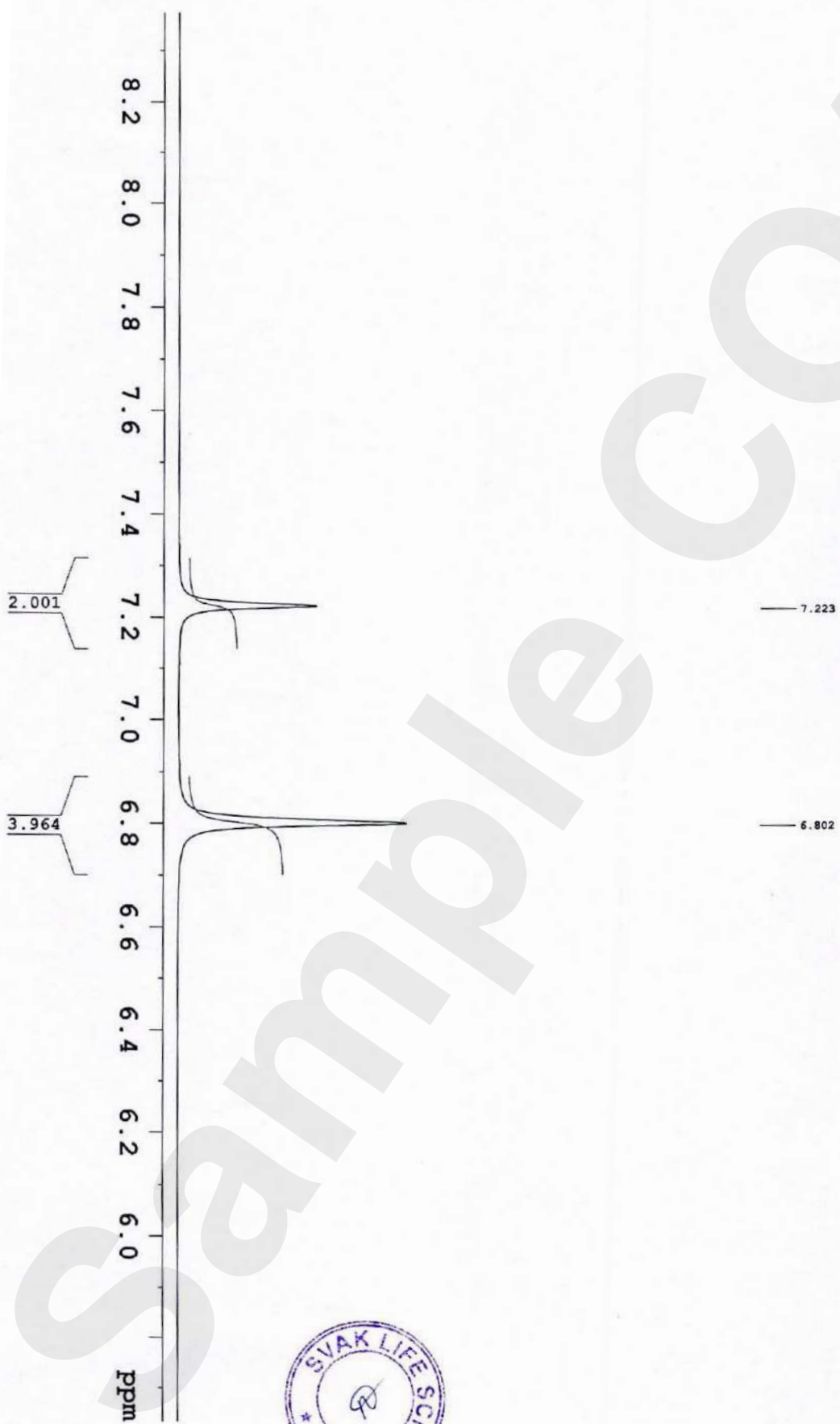
Date\_ 20240806  
 time\_ 18.06 h  
 INSTRUM Avance Neo Nanobay 400MHz  
 PROBHD Z163739\_0392 (PULPROG zg30  
 TD 65536  
 SOLVENT DMSO  
 NS 16  
 DS 0  
 SWH 8620.689 Hz  
 FIDRES 0.263083 Hz  
 AQ 3.8010881 sec  
 RG 101  
 DW 58.000 usec  
 DE 13.14 usec  
 TE 298.2 K  
 D1 1.00000000 sec  
 TD0 1  
 SFO1 400.3024719 MHz  
 NUC1 1H  
 P0 2.67 usec  
 P1 8.00 usec  
 P1M1 23.41300011 W

F2 - Processing Parameters

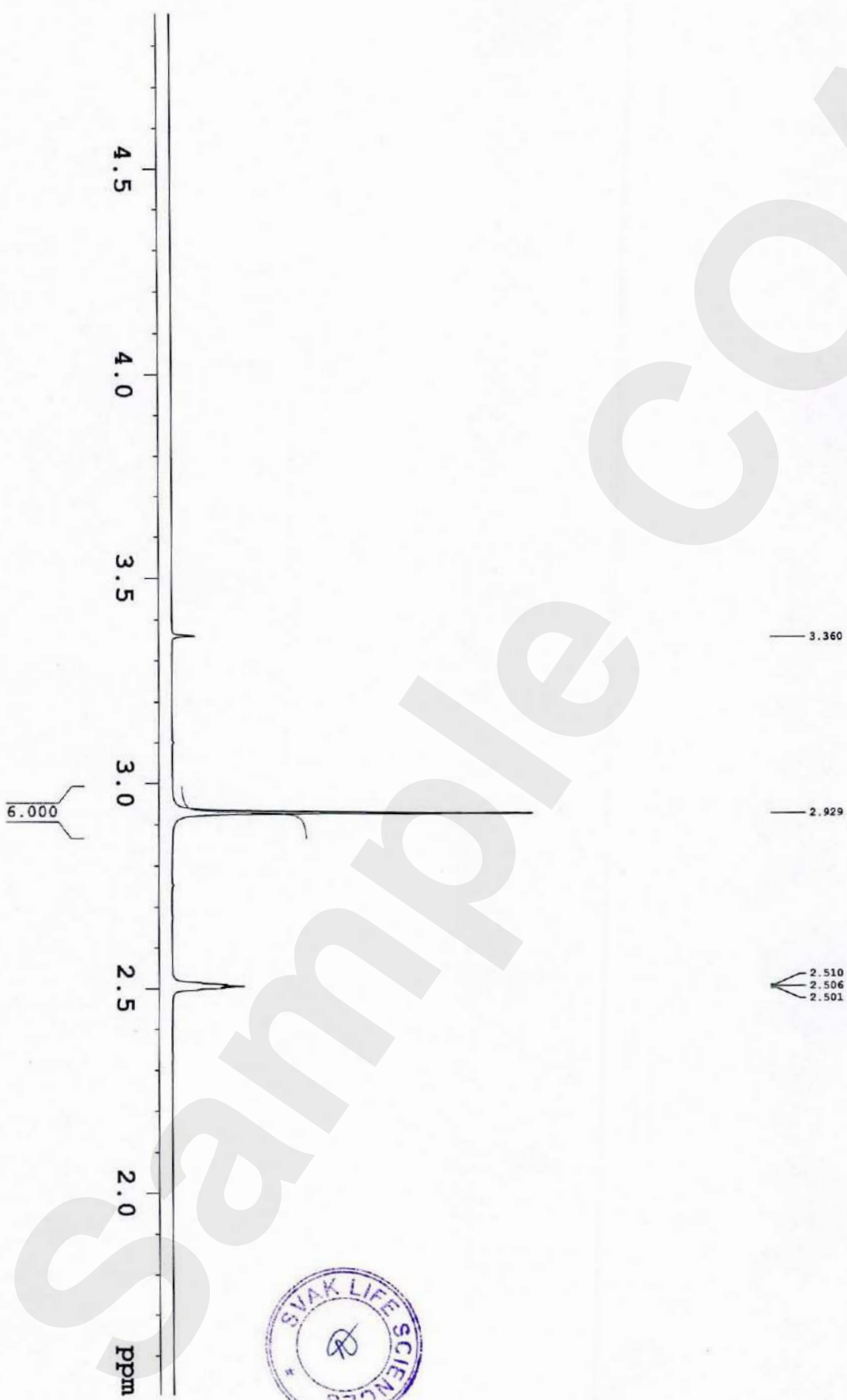
SI 65536  
 SF 400.3000000 MHz  
 WDW EM  
 SSB 0  
 LB 0.30 Hz  
 GB 0  
 PC 1.00



SVAK-MTEM-338-24-12  
1H DMSO-D6  
06-08-2024



SVAK-MTFM-338-24-12  
1H DMSO-D6  
06-08-2024





SVAK-MTFM-338-24-12  
 D2O EXG DMSO-D6  
 07-08-2024

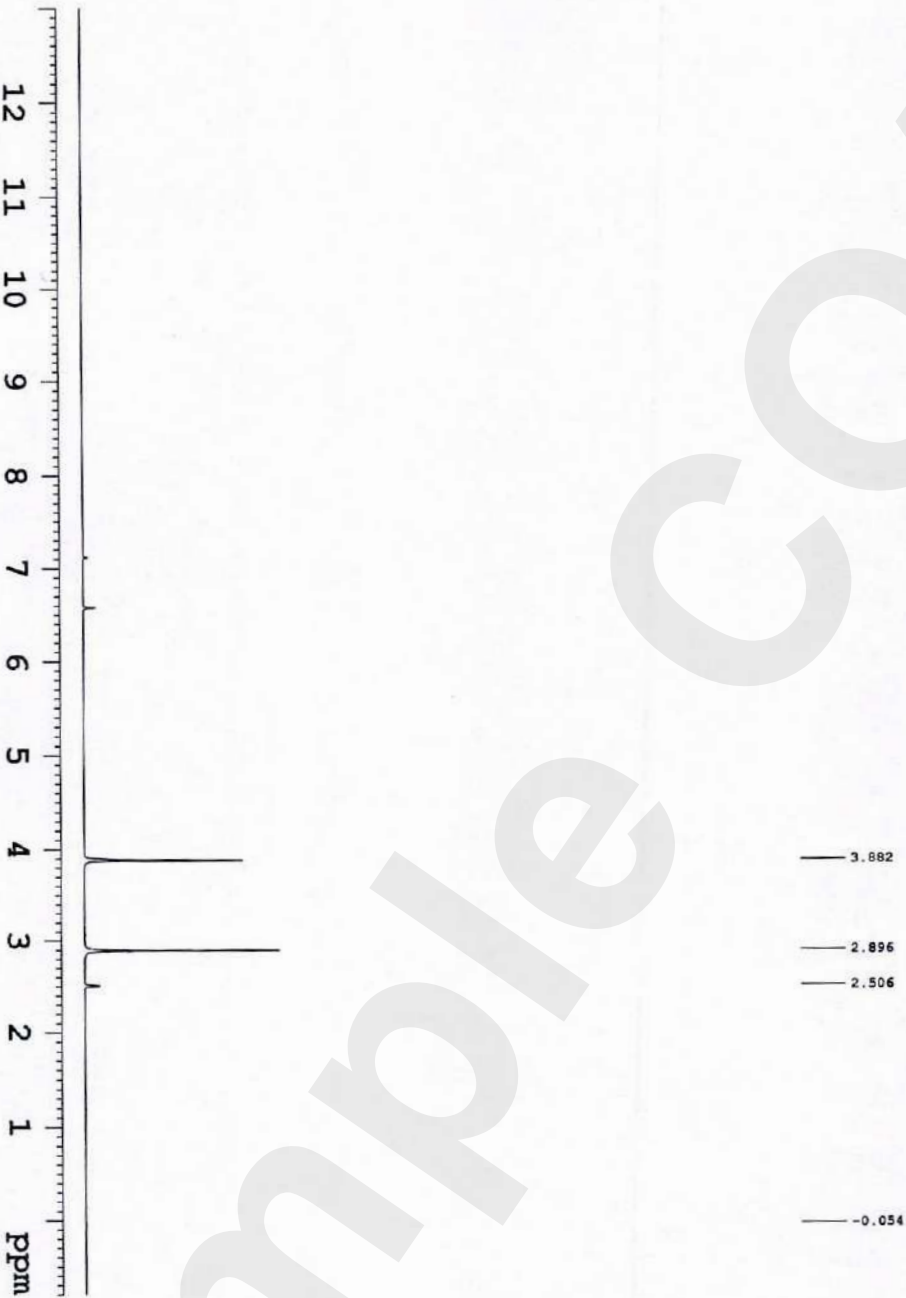
Current Data Parameters  
 NAME SVAK-MTFM-338-24-12  
 EXPNO 8  
 PROCNO 1

F2 - Acquisition Parameters

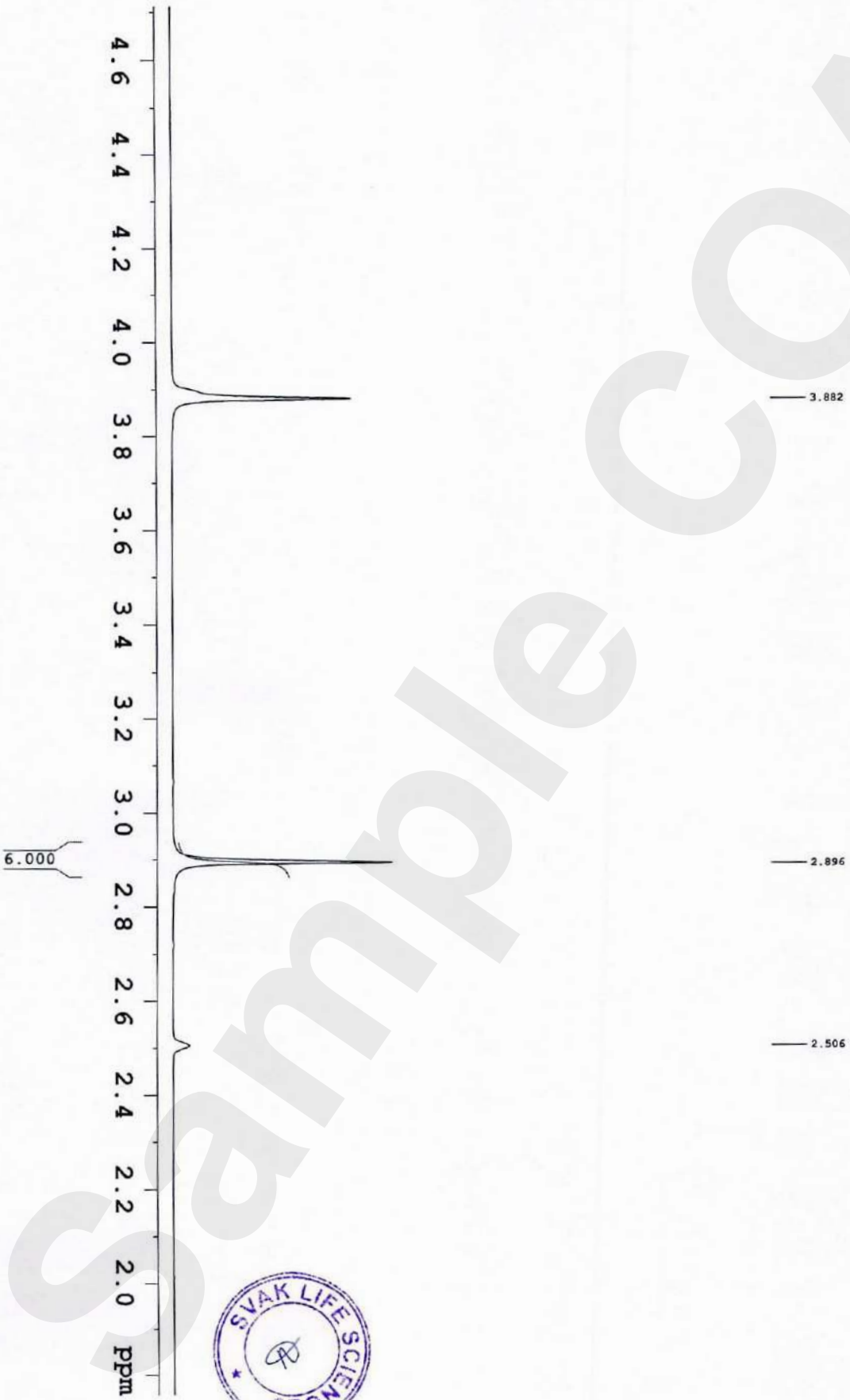
Date\_ 20240807  
 Time\_ 17.31 h  
 INSTRUM Avance Neo Nanobay 400MHz  
 PROBHD Z163739\_0392 (zg30)  
 PULPROG zg30  
 TD 65536  
 SOLVENT DMSO  
 NS 16  
 DS 0  
 SWH 8620.689 Hz  
 FIDRES 0.263083 Hz  
 AQ 3.8010881 sec  
 RG 101  
 DW 58.000 usec  
 DE 13.14 usec  
 TE 298.1 K  
 D1 1.00000000 sec  
 TD0 1  
 SFO1 400.3024719 MHz  
 NUC1 1H  
 P0 2.67 usec  
 P1 8.00 usec  
 PLM1 23.41300011 W

F2 - Processing parameters

SI 65536  
 SF 400.3000000 MHz  
 WDW EM  
 SSB 0  
 LB 0.30 Hz  
 GB 0  
 PC 1.00



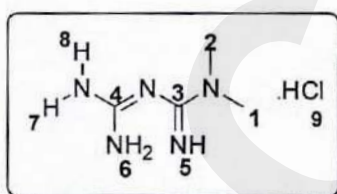
SVAK-MTFM-338-24-12  
D2O EXG DMSO-D6  
07-08-2024



e) <sup>13</sup>C NMR Spectra:

The Carbon NMR spectra of Metformin Hydrochloride was obtained in DMSO-D<sub>6</sub> by using Bruker ascend 400 MHz spectrometer. The number of Carbons are showing in the <sup>13</sup>C-NMR spectrum are in agreement with the chemical structure and are assigned as given in following table. <sup>13</sup>C NMR spectrum was attached.

Structure of the Compound:



➤ The <sup>13</sup>C NMR chemical shifts are reported on the  $\delta$  scale in ppm.

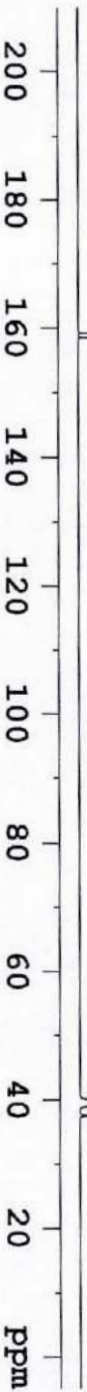
Position (type of Carbon)	$\delta$ (ppm)
1-C, 2-C	37.55
3-C, 4-C	158.50-159.18



SVAK-MTFM-338-24-12  
 13C DMSO-D6  
 06-08-2024

159.187  
 158.508

121  
 116  
 106  
 98  
 88  
 82  
 77



Current Data Parameters  
 NAME SVAK-MTFM-338-24-12  
 EXPNO 2  
 PROCNO 1

F2 - Acquisition Parameters

Date\_ 20240806  
 Time 18.43 h  
 INSTRUM Avance Neo Nandabay 400MHz  
 PROBHD Z163739\_0392 (   
 PULPROG zgpg30  
 TD 65536  
 SOLVENT DMSO  
 NS 512  
 DS 4  
 SMH 25906.736 Hz  
 FIDRES 0.790611 Hz  
 AQ 1.2648448 sec  
 RG 101  
 DW 19.300 usec  
 DE 6.50 usec  
 TE 298.5 K  
 D1 2.00000000 sec  
 D11 0.03000000 sec  
 TDO 1  
 SFO1 100.6655806 MHz  
 NUC1 13C  
 P0 2.67 usec  
 F1 8.00 usec  
 PLM1 98.37200165 W  
 SFO2 400.3016012 MHz  
 NUC2 1H  
 CPDPRG12 waltz65  
 PCPD2 90.00 usec  
 P1M2 23.41300011 W  
 P1M12 0.16499000 W  
 P1M13 0.09304900 W

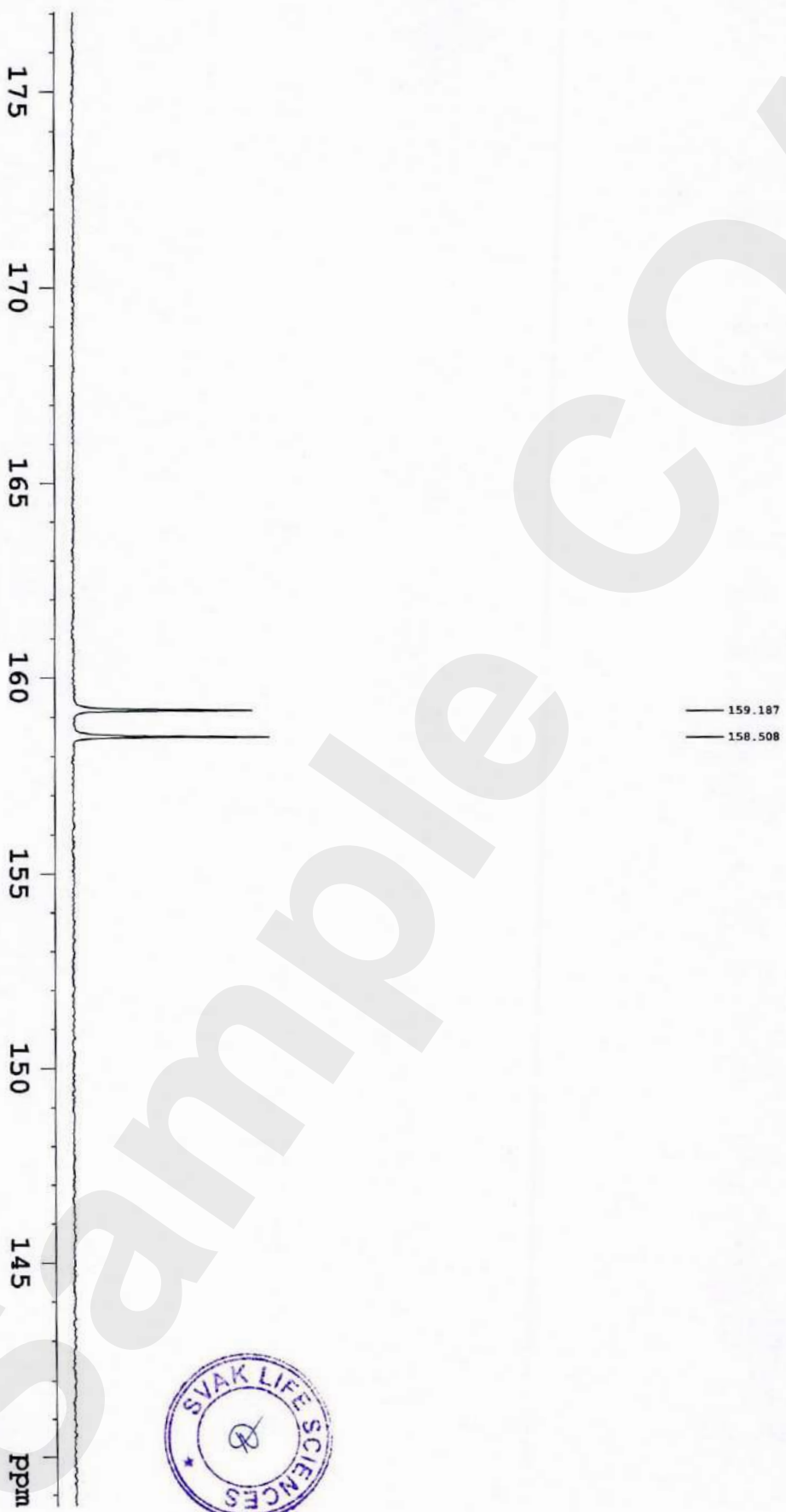
F2 - Processing parameters

SI 32768  
 SF 100.6555606 MHz  
 MDW EM  
 SSB 0  
 LB 3.00 Hz  
 GB 0  
 PC 1.40

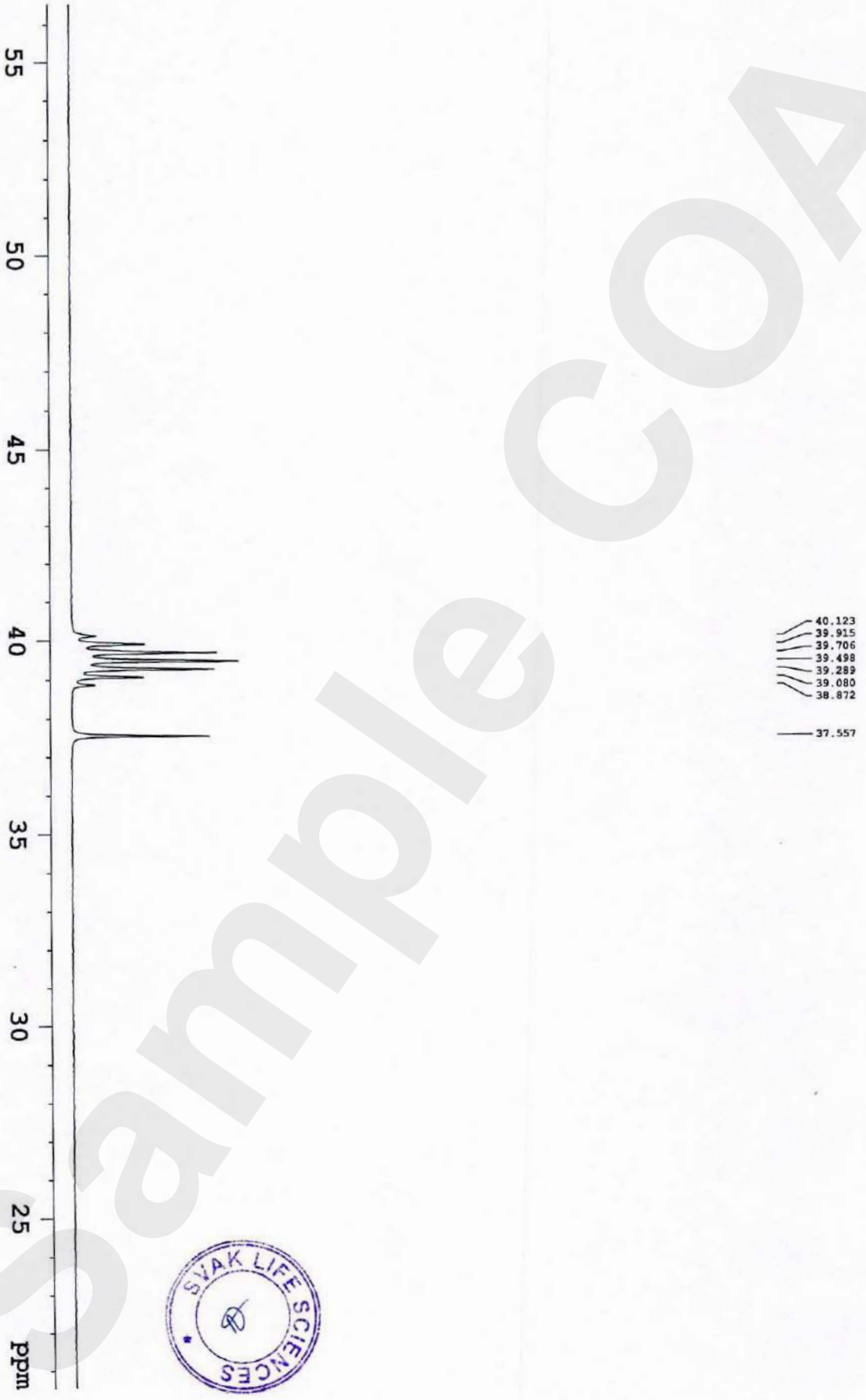




SVAK-MTEM-338-24-12  
13C DMSO-D6  
06-08-2024



SVAK-MTFM-338-24-12  
13C DMSO-D6  
06-08-2024





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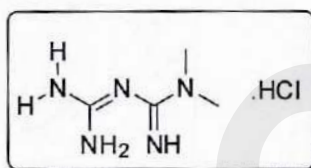
+91 99634 63333

info@svakls.com

f) TGA:

The Loss on drying for Metformin Hydrochloride was analyzed by Thermo gravimetric analysis. The result and report was attached.

Structure of the Compound:



Name of the Compound	LOD by TGA	Remarks
Metformin Hydrochloride SVAK-MTF-265-23-43	0.17%	TGA report was attached



Filename: C:\Program Files...\SVAK-MTFM-338-24-12.t6d  
Operator ID: SVAK-MTFM-338-24-12  
Sample ID: SVAK-MTFM-338-24-12  
Sample Weight: 20.156 mg  
Comment: SVAK-MTFM-338-24-12

PerkinElmer Thermal Analysis



- 1) Hold for 1.0 min at 30.00°C
- 2) Heat from 30.00°C to 850.00°C at 30.00°C/min

3) Hold for 1.0 min at 850.00°C

07-08-2024 11:05:21



Registration No(s): RLPLR 2421687

SAMPLE PARTICULAR DETAILS

\*Sample Name :

Metformin hydrochloride

\*Batch No./Lot No(s):  
(If multiple sample batches,  
attach annexure with this TRF)

SVAK-MTFM-338-24-12

Nature of Sample (put  mark):

RM/In-process/Intermediate/API/Excipient/Drug product/Others (if any)

\*Mfg. Date:

-

\*Exp. Date:

-

\*Retest Date:

-

Batch Size:

-

\*Sample Qty.:

1.5 gm

Packing Condition:

glass vial

\*Storage condition (put  mark):

CRT/Ambient

Freezer (-23 to -13°C)

Refrigerator (2-8°C)

Others (if any)

\*Sample Type (put  mark):

Hygroscopic

Light Sensitive

Non-Hazardous

Hazardous

MSDS Attached (if Hazardous)

Others (if any)

Sample Retention required for (Drug Product/Drug Substance) (put  mark)

Yes

No

Type of sample submission (put  mark):

By Person

By Courier

By Post.

Pls. Specify

TYPE OF ANALYSIS (put " mark) which is applicable

Other than Regulatory/ R&D (for informative purpose)

- Analytical Feasibility
- Method Development
- Stability
- Batch Analysis
- Others (If any)

\*Regulatory (Form-39/ DMF Filing/ ANDA Filing/Any Others)

- Validation  Verification  Transfer
- Batch Release (If Validation/Verification/Transfer completed at Revin)
- Stability (If Validation/Verification/Transfer completed at Revin)
- Others (If any)

If Method Validation/Verification/Transfer/Development are performed at Revin Labs please specify the Report Ref.No.

No

Yes

Ver. No.

\*COA Required (Put " mark)

No

Yes

\*Analytical Test Name; If multiple test(s) attach annexure along with this filled TRF.

RoI

\*Test to be carried as per USP/BP/EP/IP/JP/IS/MOA

STP/Document No:

RLPLR/OC/67P/005

Ver No.: 01

Special instructions (if any):

Notes/ Instructions:

1. \*The fields marked with (\*) are mandatory for Form -39 COA release.
2. For Regulatory release samples, retention will be applicable for (60 days +7 days) from the date of sample registration.
3. One (1) Year +15 days retention is applicable only for the Drug Product/Drug Substance which are released as per IP with Form-39 requirements.

\* REFER BACKSIDE OF THE TRF FOR NOTES/INSTRUCTIONS

I hereby declare that the above sample(s) is/are submitted with my knowledge on behalf of my company.

Customer (Sign & Date):

T. Laxmi  
6/8/24

ME/CR (Sign & Date):

P. Ravi  
6/8/24


SRO Personnel (Sign & Date):

K. Kamali  
06/08/2024



Please read for dispatch



	DEPARTMENT: QUALITY ASSURANCE
	RESIDUE ON IGNITION/SULPHATED ASH TEST DATA SHEET

1.0 SAMPLE PARTICULAR DETAILS:

Name of the Product/Material (Mention full name, if applicable)	:	Metformin hydrochloride
Registration No(s)	:	RLPL/24/1687
STP/Spec/GTP/Document No.	:	RLPL/RLHP/1005
Test to be performed	:	ROF
		Ver. No.: 01

2.0 INSTRUMENT DETAILS:

Name of the Equipment	Make/Model	Instrument ID No.	Calibration Due Date
Muffle Furnace	poor scientific	RLPL/QC/MF/016	04/11/2024
Semi Micro Balance	METTER Toledo	RLPL/QC/SMB/1193	06/09/2024

3.0 SOLVENTS/REAGENTS DETAILS:

S. No.	Name of the Solvents / Reagents	Make	Batch Number	Expiry/Use Before/Valid Up to
01	Sulphuric acid	Ranken	K001B23	02/2028
			NA	
			S. 07/08/2024	

Analyzed by (Sign & Date): S. A. 07/08/2024

Reviewed by (Sign & Date): RB 07/08/2024

Approvals	Prepared by	Reviewed by	Approved by
Name	Syed Kaleem	Ram Babu Jetti	Dr. Ch. Dharma Raju
Designation/Dept.	Asst Manager - QA	D.G.M - QC	Head - Quality
Signature/Date	[Signature] 24/01/2024	[Signature] 24/01/2024	[Signature] 24/01/2024

Format No. QA/014/F-16/04


Effective Date: 01/02/2024

Page No.1 of 5

TDS/RSI/24/20230  
 Issued by QA Pradeep  
 Sign & Date: 06/08/2024  
 Revin Labs Private Limited





	DEPARTMENT: QUALITY ASSURANCE
	RESIDUE ON IGNITION/SULPHATED ASH TEST DATA SHEET

**4.0 PROCEDURE:**

Heated a silica/platinum crucible to redness in a muffle furnace and cooled in a desiccator for 30minutes and weighed accurately defined quantity of sample in to the crucible and added specified quantity of sulphuric acid. Heated on a burner/Hot Plate till the white fumes are escaped and ignited at defined temperature in muffle furnace at specified time period. Cooled the crucible in desiccator for specified time and weighed (W<sub>3</sub>).

Ignited again as before as specified temperature for specified time period. Cooled the crucible in desiccator for defined period of time and weighed as (W<sub>4</sub>) and calculate the percentage of residue.

If "dry to constant weight" is mentioned, repeat the drying process until the two consecutive weights do not differ by more than 0.50 mg/gm.

**Muffle Furnace:**

Temperature have to maintained: 600°C

Up to time have to kept: 2:20 hrs

Amount of Sulphuric acid added : 1+1 ml

1 <sup>st</sup> BATCH, B. No: SVAK-MTFH-338-24-12		2 <sup>nd</sup> BATCH, B. No: NA	
Time	Temperature	Time	Temperature
10:40	600°C	NA S. 07/08/2024	
11:40	600°C		
12:40	600°C		
13:40	600°C		

Analyzed by (Sign & Date): *S. A*  
07/08/2024

Reviewed by (Sign & Date): *RBJ*  
07/08/2024

Approvals	Prepared by	Reviewed by	Approved by
Name	Syed Kaleem	Ram Babu Jetti	Dr. Ch. Dharma Raju
Designation/Dept.	Asst Manager - QA	D.G.M - QC	Head - Quality
Signature/Date	<i>Syed Kaleem</i> 24/01/2024	<i>Ram Babu Jetti</i> 24/01/2024	<i>Dr. Ch. Dharma Raju</i> 25/01/2024

TDS/RSI/24/ 20230

Issued by QA *Pradach*


Sign & Date: 06/08/2024

Revin Labs Private Limited





MASTER COPY

	DEPARTMENT: QUALITY ASSURANCE
	RESIDUE ON IGNITION/SULPHATED ASH TEST DATA SHEET

1 <sup>st</sup> BATCH, B. No: SVAK-HTFH-328-24-11		2 <sup>nd</sup> BATCH, B. No: NA	
Time	Temperature	Time	Temperature
14:20	600°C	/	/
14:50	600°C		
NA		NA	
S.A. 07/08/2024		S.A. 07/08/2024	

Analyzed by (Sign & Date): *S.A.*  
07/08/2024

Reviewed by (Sign & Date): *RB*  
07/08/2024

Approvals	Prepared by	Reviewed by	Approved by
Name	Syed Kaleem	Ram Babu Jetti	Dr. Ch. Dharma Raju
Designation/Dept.	Asst Manager - QA	D.G.M - QC	Head - Quality
Signature/Date	<i>Syeda Kaleem</i> 24/01/2024	<i>Ram Babu Jetti</i> 24/01/2024	<i>Dr. Ch. Dharma Raju</i> 25/01/2024

Format No. QA/014/F-16/04


Effective Date: 01/02/2024

Page No. 3 of 5

TDS/ RST/24/20230  
 Issued by QA *Pradipch*  
 Sign & Date: 06/08/2024  
 Revin Labs Private Limited





	DEPARTMENT: QUALITY ASSURANCE
	RESIDUE ON IGNITION/SULPHATED ASH TEST DATA SHEET

<p><b>1<sup>st</sup> Batch</b>                  Batch Number: SVAK-MFFM-338-24-1L</p> <p>Weight of Crucible + Sample (W<sub>2</sub>): 97.5763g                  Weight of empty Crucible (W<sub>1</sub>): 96.5667g                  Sample Weight (W<sub>2</sub>-W<sub>1</sub>): 1.0096g</p> <p>Ignition started at : 10:40                  1<sup>st</sup> Ignition completed at: 13:40 (hours)                  2<sup>nd</sup> Ignition completed at : 14:50 (hours)</p> <p><b>After 1<sup>st</sup> Ignition</b>                  Weighing Crucible + Residue (W<sub>3</sub>): 96.5675g                  After 1<sup>st</sup> Ignition                  Desiccator cooling time from 13:43 to 14:07</p> <p>% of ROI/ Sulphated ash = <math>\frac{W_3 - W_1}{W_2 - W_1} \times 100</math>                  = <math>\frac{0.0008}{1.0096} \times 100</math>                  % of ROI/Sulphated ash = 0.0791% = 0.08101%</p>	<p><b>2<sup>nd</sup> Batch</b>                  Batch Number:</p> <p>Weight of Crucible + Sample (W<sub>2</sub>):                  Weight of empty Crucible (W<sub>1</sub>):                  Sample Weight (W<sub>2</sub>-W<sub>1</sub>):</p> <p>Ignition started at :                  1<sup>st</sup> Ignition completed at: _____ (hours)                  2<sup>nd</sup> Ignition completed at : _____ (hours)</p> <p><b>After 1<sup>st</sup> Ignition</b>                  Weighing Crucible + Residue (W<sub>3</sub>):                  After 1<sup>st</sup> Ignition                  Desiccator cooling time from _____ to _____</p> <p>% of ROI/ Sulphated ash = <math>\frac{W_3 - W_1}{W_2 - W_1} \times 100</math>                  = _____ x 100                  % of ROI/Sulphated ash =</p>
--	--

Analyzed by (Sign & Date): *[Signature]* 07/08/2024

Reviewed by (Sign & Date): *[Signature]* 07/08/2024


Approvals	Prepared by	Reviewed by	Approved by
Name	Syed Kaleem	Ram Babu Jetti	Dr. Ch. Dharma Raju
Designation/Dept.	Asst Manager - QA	D.G.M - QC	Head - Quality
Signature/Date	<i>[Signature]</i> 24/10/2024	<i>[Signature]</i> 24/10/2024	<i>[Signature]</i> 25/10/2024

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 Issued by QA *[Signature]*  
 Sign & Date: 06/08/2024  
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	DEPARTMENT: QUALITY ASSURANCE
	RESIDUE ON IGNITION/SULPHATED ASH TEST DATA SHEET

<p><b>After 2<sup>nd</sup> Ignition</b>          Weighing Crucible + Residue(W<sub>4</sub>): 96.5674 g</p> <p>% Of ROI/Sulphated ash = <math>\frac{W_4 - W_1}{W_2 - W_1} \times 100</math></p> <p>= <math>\frac{0.0007}{1.0096} \times 100</math></p> <p>Difference between two consecutive weights          (W<sub>3</sub>-W<sub>4</sub>) = 0.0001 x          1000 = 0.1 mg (mg/gm)</p> <p>% of ROI/Sulphated ash = 0.0697, ≈ 0.077.1110</p>	<p><b>After 2<sup>nd</sup> Ignition</b>          Weighing Crucible + Residue(W<sub>4</sub>):</p> <p>% Of ROI/Sulphated ash = <math>\frac{W_4 - W_1}{W_2 - W_1} \times 100</math></p> <p>= _____ x 100</p> <p>Difference between two consecutive weights          (W<sub>3</sub>-W<sub>4</sub>) = _____ x          1000 = _____ (mg/gm)</p> <p>S. A 07/08/2024</p> <p>% of ROI/Sulphated ash =</p>
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Additional information (If any): NA

Specification: NA

Report: The sample Complies/Doesn't comply/results are for informative w.r.t its specification/analysis.

Analyzed by: S. A  
 Sign & Date: 07/08/2024

Reviewed by: [Signature]  
 Sign & Date: 07/08/2024

Approved by: [Signature]  
 Sign & Date: 07/08/2024

Approvals	Prepared by	Reviewed by	Approved by
Name	Syed Kaleem	Ram Babu Jetti	Dr. Ch. Dharma Raju
Designation/Dept.	Asst Manager - QA	D.G.M - QC	Head - Quality
Signature/Date	[Signature] 24/01/2024	[Signature] 24/01/2024	[Signature] 25/01/2024

Format No. QA/014/F-16/04

Effective Date: 01/02/2024


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	DEPARTMENT: QUALITY ASSURANCE
	ANALYTICAL WEIGHING BALANCE SLIP(S)

Registration No.	: RLPLR2421687
Product Name/Code	: Metformin hydrochloride
Test Parameter	: ROI

W1  
W2  
W2-W1

REVIN LABS  
Model: MS205DU  
S/N: C239874055  
ID: RLPL/QC/SMB/183  
Date: 07/08/2024  
Time: 10:14:38

Tare: 96.5667 g  
Gross: 97.5763 g  
Net: 1.0096 g

Date: 07/08/2024  
End: 10:15:34

W3

REVIN LABS  
Model: MS205DU  
S/N: C239874055  
ID: RLPL/QC/SMB/183  
Date: 07/08/2024  
Time: 14:09:45

96.5675 g

Signature: S.A. 07/08/2024

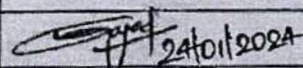
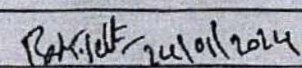
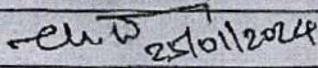
W4

REVIN LABS  
Model: MS205DU  
S/N: C239874055  
ID: RLPL/QC/SMB/183  
Date: 07/08/2024  
Time: 15:30:40

96.5674 g

Signature: S.A. 07/08/2024

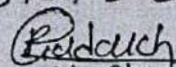
Signature: S.A. 07/08/2024

Approvals	Prepared by	Reviewed by	Approved by
Name	Syed Kaleem	Ram Babu Jetti	Dr. Ch. Dharma Raju
Designation/Dept.	Asst. Manager - QA	D.G.M - QC	Head Quality
Signature/Date	 24/01/2024	 24/01/2024	 25/01/2024

Format No. QA/014/F-54/00

Effective Date: 01/02/2024

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