

Certificate of Analysis

Rabeprazole Sodium.

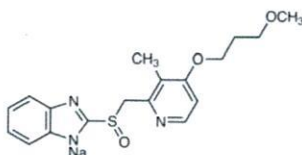
Product code:	BS14774.
Description:	Rabeprazole Sodium.
Synonym:	Rabeprazole Sodium Salt.
Pack:	1 gm.
CAS NO.:	117976-90-6.
Mol. Weight:	381.43 g/mol.
Mol. Formula:	C ₁₈ H ₂₀ N ₃ NaO ₃ S.
MDL Number:	MFCD02092688.
Melting point:	150 °C.
Boiling Point:	603.9 °C.
Density:	0.45 g/cm ³ .
Solubility:	Soluble in water, methanol.
Storage:	Store at 2-8 °C.
Batch No:	BS14774/02.
Manufacture Date:	02/05/2026.
Expiry Date:	01/05/2029.

Test	Specification	Measured Values
Appearance:	White to Light yellow to off white powder to crystal.	Off white powder.
Identification by NMR:	Confirms to the structure.	Confirms to the structure.
Identification by MASS:	Confirms to the structure.	Confirms to the structure.
Identification by IR:	Confirms to the structure.	Confirms to the structure.
Weight loss by TGA:	<5%.	4.597%.
ROI:	<1%.	0%.
Purity by HPLC:	≥95%.	99.43%.
Potency:	-	99.43% - 4.597% - 0% = 94.83%.

Please Note: - This material is only for laboratory purpose and not for human consumption.

Potency% = Purity by HPLC – Weight loss by TGA– ROI.


N.S. Mallika.
Quality Control.



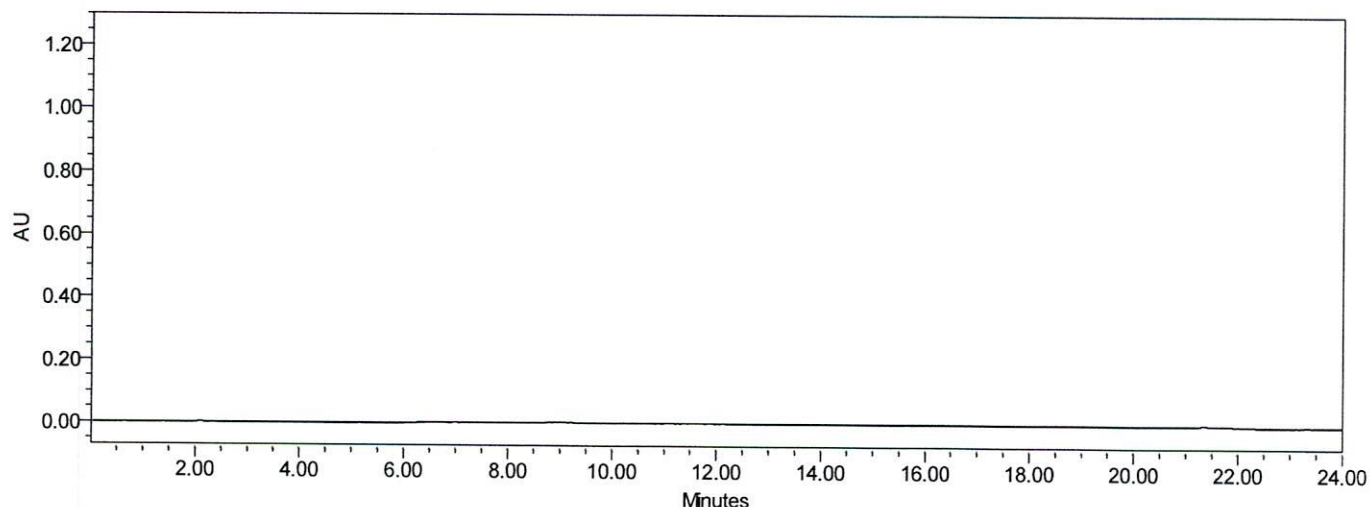

K.S. Rao.
Quality Assurance.

SAMPLE INFORMATION

Sample Name:	BLANK-2 AA	Acquired By:	Analyst
Sample Type:	Unknown	Sample Set Name:	11052026 HPLC2 MRNG SEQ
Vial:	45	Acq. Method Set:	HPLC PURITY 24 MIN
Injection #:	1	Processing Method:	LC PQ
Injection Volume:	6.00 ul	Channel Name:	260.0nm
Run Time:	24.0 Minutes	Proc. Chnl. Descr.:	PDA 260.0 nm
Date Acquired:	5/11/2026 16:01:17 IST		
Date Processed:	5/11/2026 20:53:24 IST		

BUFFERS:

MP:A:10MM AA IN 1000ML WATER.
 MP:B:ACN:H2O (90:10)
 CLOUMN: INERTSIL C18 (150*4.6*5um)
 FLOW:1.0ML/MIN
 GRADIENT PRO: 0/10,3/10,10/100,19/100,19.5/10,24/10



1

Reported by User: Analyst (Analyst)
 Report Method: HPLC REPORT_ 21
 Report Method ID 3765
 Page: 1 of 1

Project Name: MAY-2026
 Date Printed:
 5/11/2026
 21:02:09 Asia/Calcutta

Agar
 11/05/2026

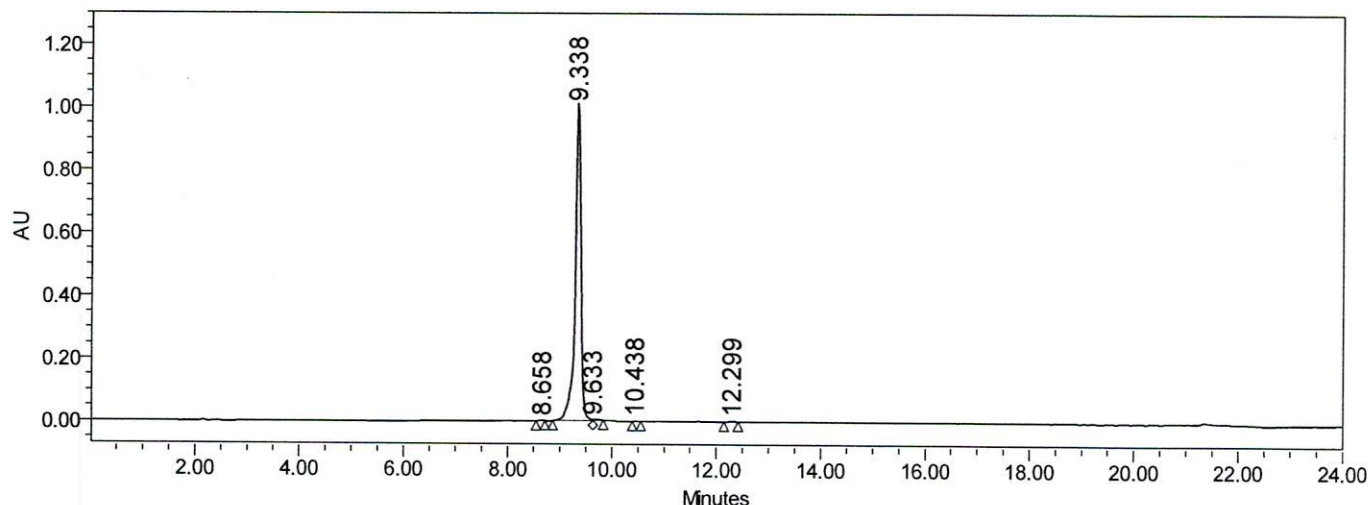
Agar
 11/05/2026

SAMPLE INFORMATION

Sample Name:	BS14774-02	Acquired By:	Analyst
Sample Type:	Unknown	Sample Set Name:	11052026 HPLC2 MRNG SEQ
Vial:	48	Acq. Method Set:	HPLC PURITY 24 MIN
Injection #:	1	Processing Method:	LC PQ
Injection Volume:	5.00 ul	Channel Name:	260.0nm@19
Run Time:	24.0 Minutes	Proc. Chnl. Descr.:	PDA 260.0 nm
Date Acquired: 5/11/2026 19:45:09 IST			
Date Processed: 5/11/2026 20:52:50 IST			

BUFFERS:

MP:A:10MM AA IN 1000ML WATER.
 MP:B:ACN:H2O (90:10)
 COLUMN: INERTSIL C18 (150*4.6*5um)
 FLOW:1.0ML/MIN
 GRADIENT PRO: 0/10,3/10,10/100,19/100,19.5/10,24/10



	RT	Area	% Area	Height
1	8.658	5332	0.07	977
2	9.338	7825820	99.43	1008862
3	9.633	20524	0.26	2448
4	10.438	3727	0.05	629
5	12.299	15661	0.20	2157

Reported by User: Analyst (Analyst)
 Report Method: HPLC REPORT_21
 Report Method ID 3765
 Page: 1 of 1

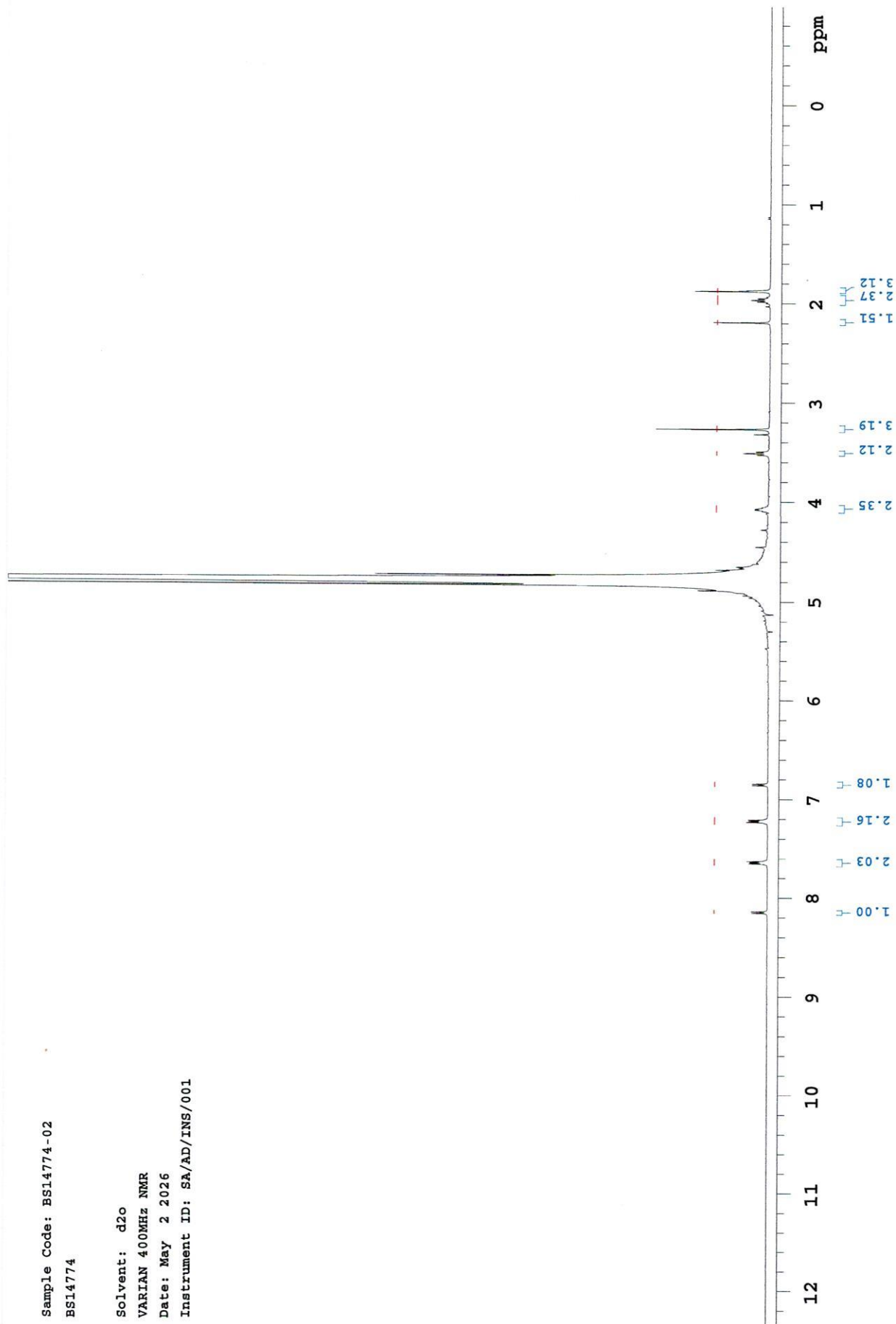
Project Name: MAY-2026
 Date Printed:
 5/11/2026
 21:01:52 Asia/Calcutta

Arv
02/05/2026

Arv
02/05/2026

Sample Code: BS14774-02
BS14774

Solvent: d2o
VARIAN 400MHz NMR
Date: May 2 2026
Instrument ID: SA/AD/INS/001



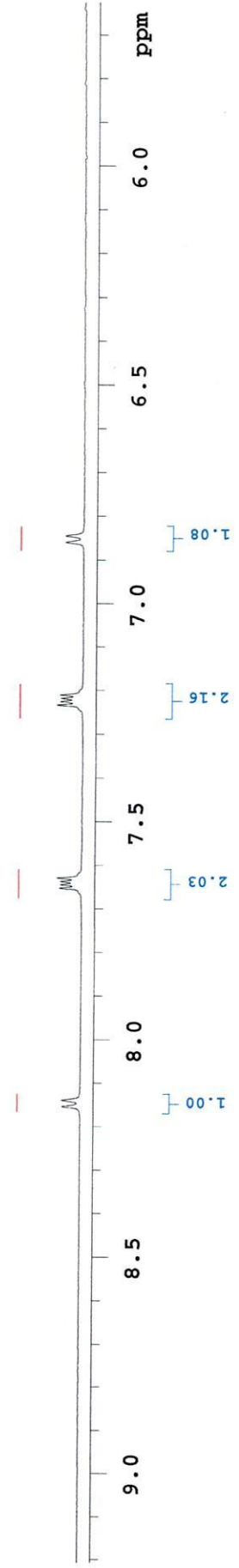
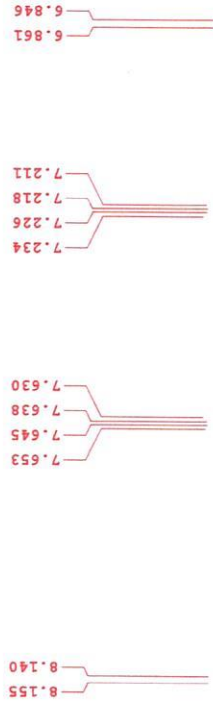
Plotname: BS14774-02_PROTON_20260502_01_plot01

ABW
02/05/2026

02/05/2026

Sample Code: BS14774-02
BS14774

Solvent: d2o
VARIAN 400MHz NMR
Date: May 2 2026
Instrument ID: SA/AD/INS/001



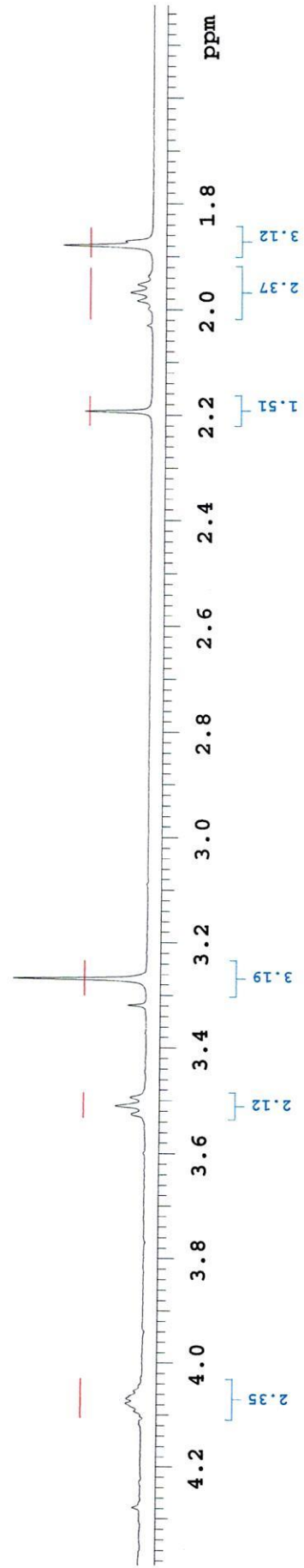
Plotname: BS14774-02_PROTON_20260502_01_plot02

Agar
02/05/2026

02/05/2026

Sample Code: BS14774-02
BS14774

Solvent: d2o
VARIAN 400MHz NMR
Date: May 2 2026
Instrument ID: SA/AD/INS/001



Plotname: BS14774-02_PROTON_20260502_01_plot03

ASW
02/05/2026

02/05/2026

BS14774

expl **PROTON**

SAMPLE			PRESATURATION		
date	May 2	2026	satmode	n	n
solvent		d2o	wet		
file	/home/SPARK/d-		SPECIAL		
ata/2026/May/BS147~	temp		not used		
74-02_20260502_01/~	gain		26		
BS14774-02_PROTON_~	spin		20		
20260502_01.fid	hst		0.008		
ACQUISITION	pw90		13.700		
sw	7183.9	alfa	10.000		
at	4.000		FLAGS		
np	57472	il		n	
	4000	in		n	
bs	2	dp		y	
d1	1.000	hs		nn	
nt	128		PROCESSING		
ct	26	lb		0.80	
TRANSMITTER	fn		not used		
tn	H1		DISPLAY		
sfrq	399.689	sp		-735.4	
tof	799.4	wp		7183.7	
tpwr	59	rfl		2650.1	
pw	6.850	rfp		1914.5	
DECOUPLER	rp			168.7	
dn	Cl3	lp		0	
dof	0		PLOT		
dm	nnn	wc		250	
decwave	W40_GATEB-0~	sc		0	
	12	vs		1008	
dpwr	35	th		2	
dmf	29412	ai	cdc	ph	

INDEX	FREQUENCY	PPM	HEIGHT	INDEX	FREQUENCY	PPM	HEIGHT
1	3259.3	8.155	2.9	35	876.6	2.193	10.8
2	3253.6	8.140	2.9	36	792.7	1.983	2.5
3	3058.9	7.653	3.5	37	786.5	1.968	3.6
4	3055.6	7.645	3.3	38	780.4	1.953	2.5
5	3052.8	7.638	3.4	39	751.2	1.880	14.2
6	3049.5	7.630	3.9	40	747.9	1.871	4.5
7	2891.2	7.234	4.1				
8	2888.1	7.226	3.5				
9	2885.1	7.218	3.5				
10	2882.0	7.211	3.6				
11	2742.1	6.861	2.9				
12	2736.2	6.846	2.9				
13	1994.5	4.990	2.6				
14	1982.9	4.961	3.9				
15	1974.6	4.940	4.9				
16	1966.7	4.921	4.8				
17	1954.6	4.890	13.5				
18	1934.4	4.840	168.7				
19	1914.5	4.790	10648.7				
20	1894.3	4.740	74.0				
21	1874.8	4.691	8.5				
22	1872.2	4.684	10.0				
23	1864.3	4.664	5.7				
24	1859.5	4.652	6.3				
25	1843.5	4.612	2.5				
26	1839.1	4.601	2.4				
27	1778.6	4.450	2.6				
28	1629.9	4.078	2.9				
29	1626.4	4.069	2.8				
30	1409.2	3.526	2.4				
31	1403.0	3.510	4.9				
32	1396.7	3.494	2.6				
33	1326.5	3.319	3.0				
34	1306.8	3.270	21.4				

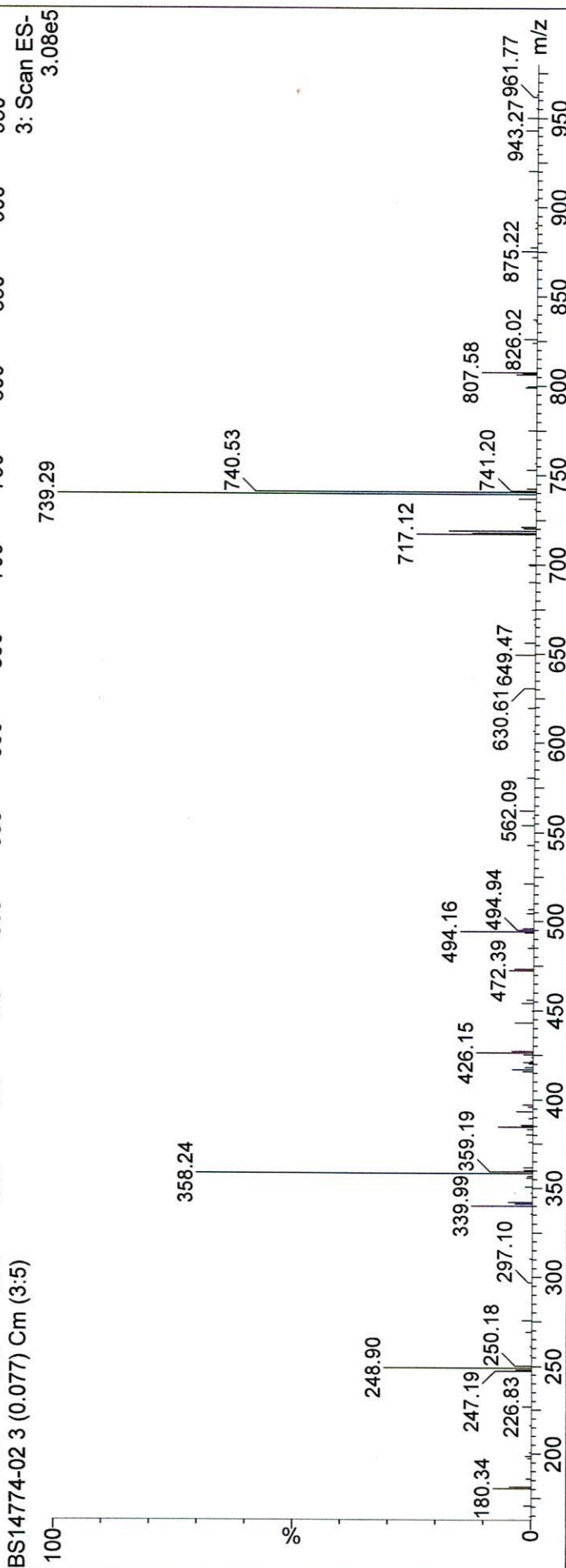
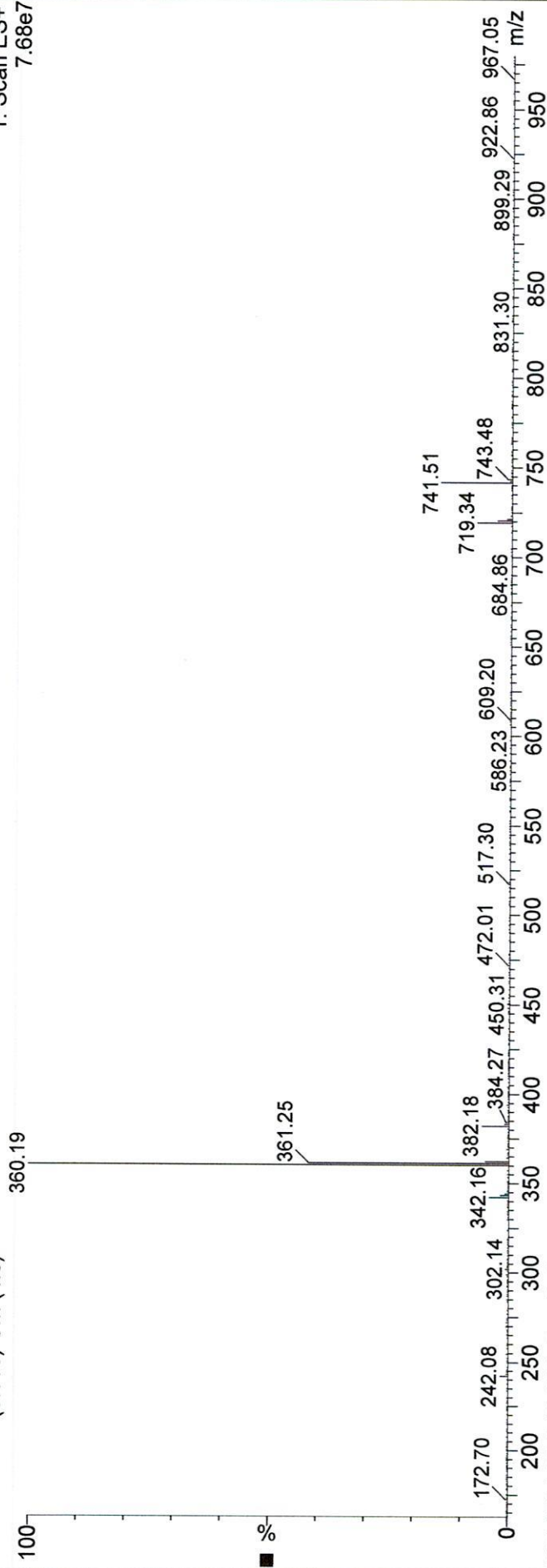
Plotname: BS14774-02_PROTON_20260502_01_plot04

Abu 02/05/2026

22/5/2020

SAMPLE NAME: BS14774-02
INSTRUMENT ID: SA/AD/INS/042
BS14774-02 4 (0.086) Cm (4:6)

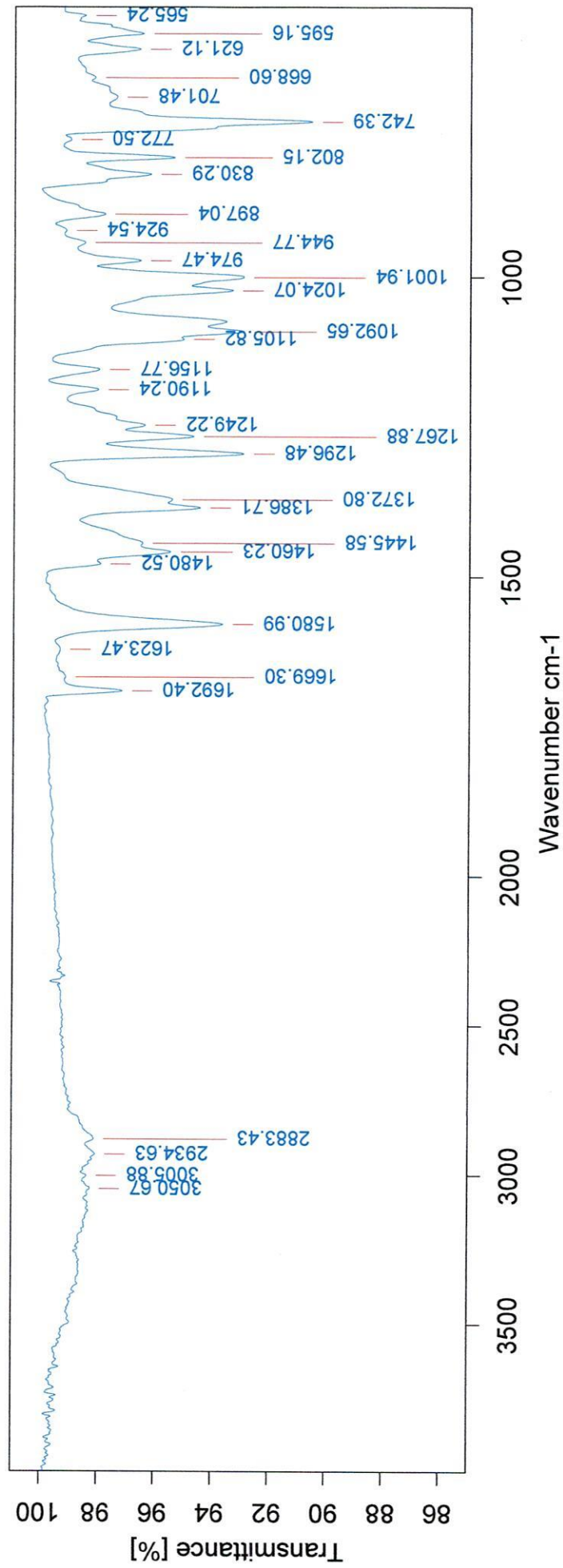
Vial Position: 2:B,3
02-May-2026 20:34:58
1: Scan ES+
7.68e7



Abu 02/05/2026

02/05/2026

INFRARED SPECTRUM



Path/File Name: D:\2026\MAY-2026\BS14774-02.0

Sample Name: BS14774-02

Lot No./Batch No: BS14774-02

Date & Time: 5/13/2026, 7:19:19 PM

Experiment: MAY-2026.XPM

Resolution: 2

Sample Scans: 16

Frequency Range: 4000 to 550

Afr
13/05/2026

5/13/2026 7:22:27 PM

13/05/2026

Peak Picking Method:	Values Standard
Searched for minima:	Yes
Number of peaks:	36
Sensitivity > [%]:	20.000000
From:	4278.909000
to:	494.463229
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
1692.4040	0.972	0.026	11.4376	24.816387
1692.4040	0.972	0.026	11.4376	24.816387
1580.9897	0.937	0.062	20.5234	65.555855
1580.9897	0.937	0.062	20.5234	65.555855
1460.2261	0.955	0.038	46.7788	33.801437
1460.2261	0.955	0.038	46.7788	33.801437
1386.7150	0.945	0.053	37.1214	55.679256
1386.7150	0.945	0.053	37.1214	55.679256
1296.4829	0.929	0.069	16.6542	72.415718
1296.4829	0.929	0.069	16.6542	72.415718
1267.8848	0.947	0.033	13.2599	32.564087
1267.8848	0.947	0.033	13.2599	32.564087
1092.6462	0.929	0.071	48.4116	73.708801
1092.6462	0.929	0.071	48.4116	73.708801
1001.9368	0.930	0.053	39.6315	49.218796
1001.9368	0.930	0.053	39.6315	49.218796
830.2940	0.962	0.029	20.2610	24.160168
830.2940	0.962	0.029	20.2610	24.160168
802.1461	0.954	0.041	11.4673	41.310791
802.1461	0.954	0.041	11.4673	41.310791
742.3879	0.906	0.088	20.9353	86.813400
742.3879	0.906	0.088	20.9353	86.813400
595.1593	0.965	0.023	17.2689	24.039141
595.1593	0.965	0.023	17.2689	24.039141
2934.6257	0.981	0.018	629.2273	367.966309
2934.6257	0.981	0.018	629.2273	367.966309
2883.4284	0.981	0.003	26.3285	49.597500
2883.4284	0.981	0.003	26.3285	49.597500
3050.6686	0.983	0.000	7.2294	2.255408
3050.6686	0.983	0.000	7.2294	2.255408
3005.8768	0.984	0.002	14.6344	30.800394
3005.8768	0.984	0.002	14.6344	30.800394
1669.3022	0.992	0.001	33.7694	1.962094
1669.3022	0.992	0.001	33.7694	1.962094
1623.4684	0.994	0.002	17.3415	2.479220
1623.4684	0.994	0.002	17.3415	2.479220
1480.5169	0.980	0.004	21.4666	2.881021
1480.5169	0.980	0.004	21.4666	2.881021
1445.5820	0.965	0.003	42.3531	1.205002
1445.5820	0.965	0.003	42.3531	1.205002
1372.7960	0.954	0.005	24.6898	2.947441
1372.7960	0.954	0.005	24.6898	2.947441

D:\2026\MAY-2026\BS14774-02.0 BS14774-02 BS14774-02

Agv 13/05/2026

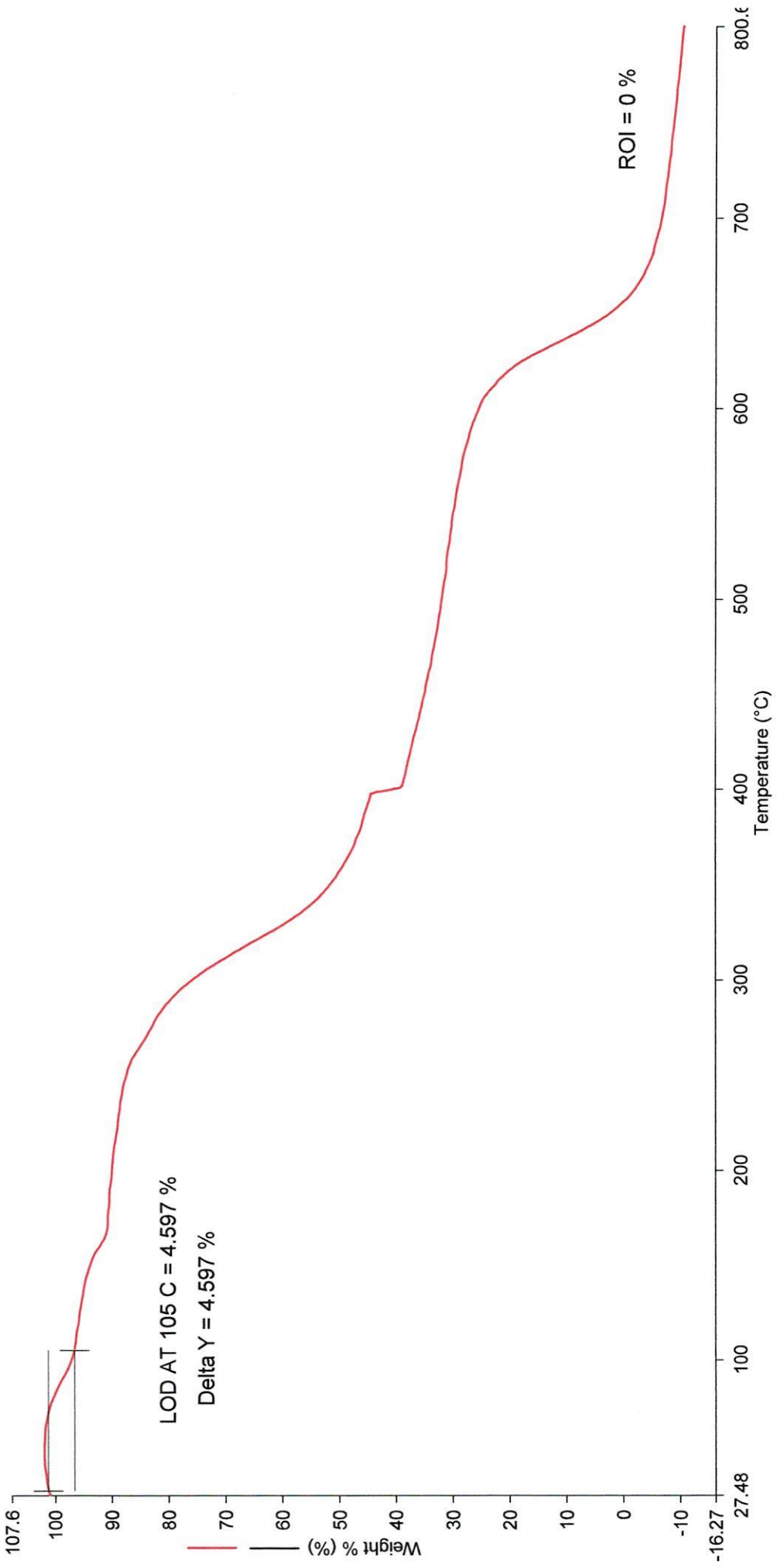
13/05/2026

Peak Picking Values

Wavenumber	Abs. intensity	Rel. intensity	Width	Found if threshold < Shoulder
1249.2204	0.964	0.010	62.8167	10.255932
1190.2433	0.981	0.014	14.1673	27.252216
1156.7683	0.980	0.017	14.5355	24.157515
1105.8189	0.951	0.003	64.6778	1.447047
1076.1439	0.935	0.016	53.3020	10.050468
1024.0750	0.933	0.020	37.6400	24.840309
974.4692	0.966	0.017	10.2335	23.508820
944.7672	0.985	0.005	61.2288	4.037418
924.5384	0.992	0.002	31.7684	2.079833
897.0441	0.978	0.019	18.5076	45.810524
772.5021	0.990	0.002	8.4880	2.415314
701.4800	0.974	0.005	66.0952	3.415443
668.5967	0.982	0.002	119.1159	1.834717
621.1220	0.966	0.020	13.1429	67.202644
565.2355	0.985	0.004	49.2061	8.387323

Filename: D:\2026\MAY-2026\BRIT\BS14774-02.t6d
Data Collected: 5/4/2026 10:11:21 AM
Operator ID: pushpa
Sample ID: BS14774/02
Sample Weight: 0.880 mg
Comment: BS14774/02

SA/AD/INS/022



- 1) Hold for 1.0 min at 30.00°C
- 2) Heat from 30.00°C to 800.00°C at 20.00°C/min

3) Hold for 1.0 min at 800.00°C

5/4/2026 10:16:38 AM

ASR 05/05/2026

05/05/2026