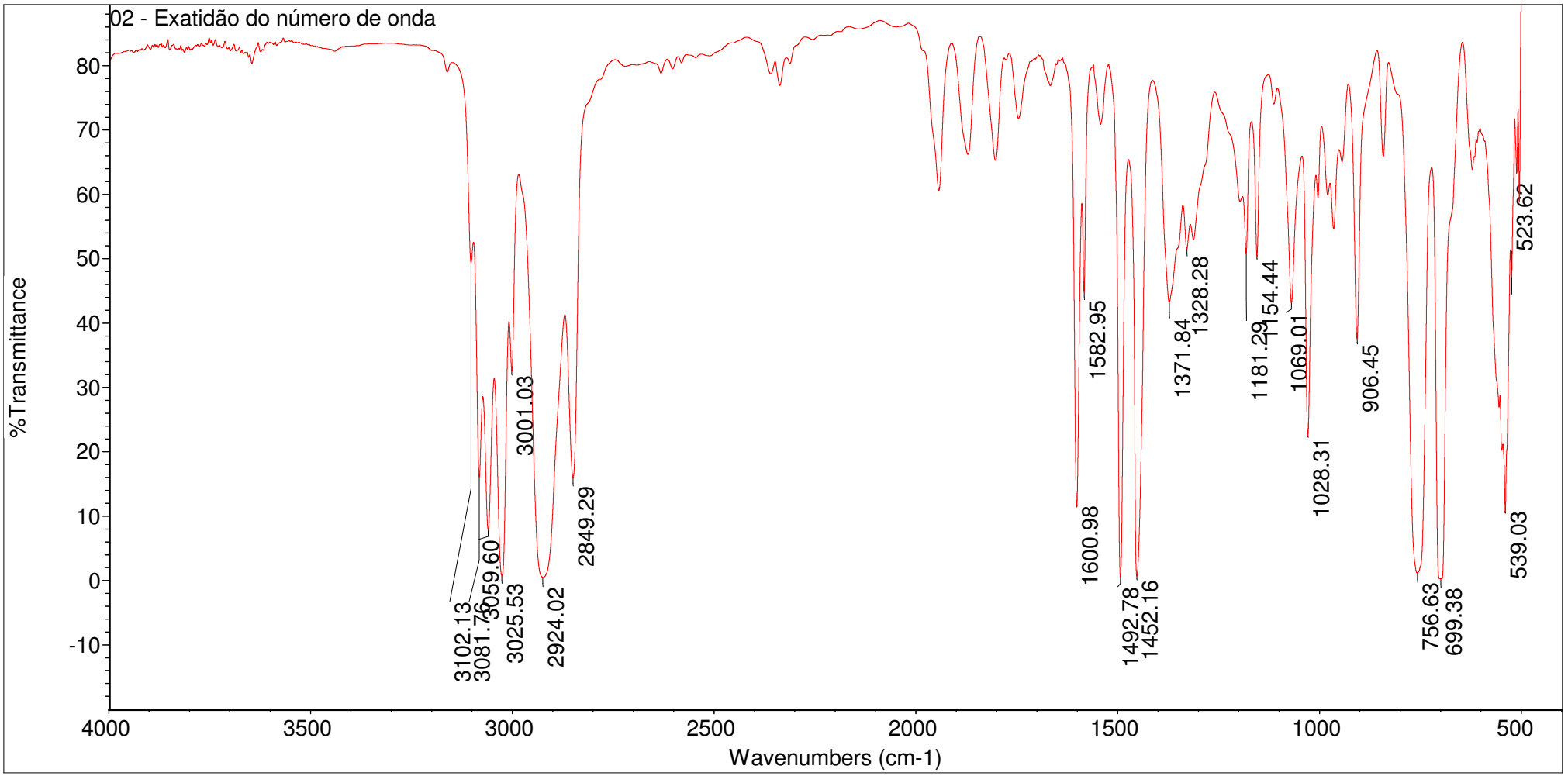
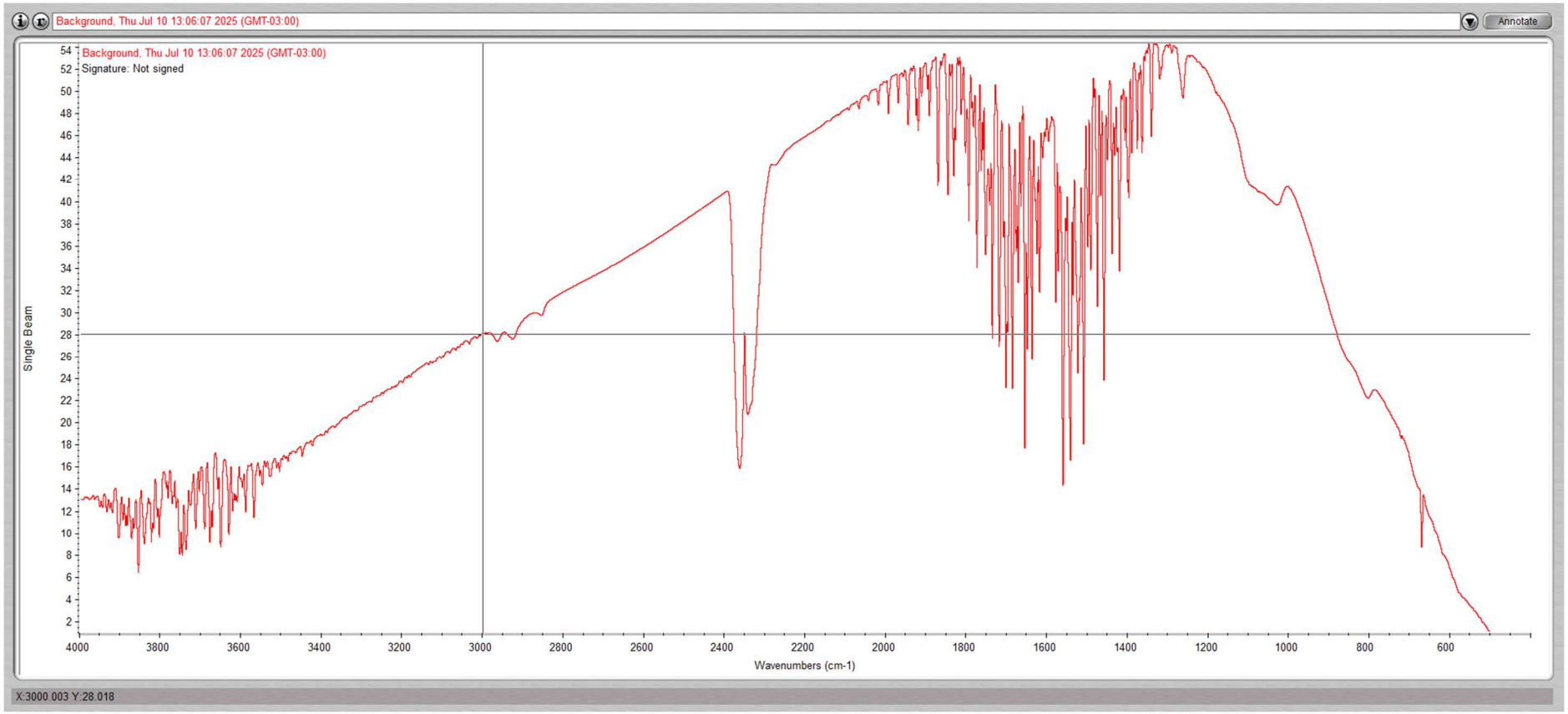


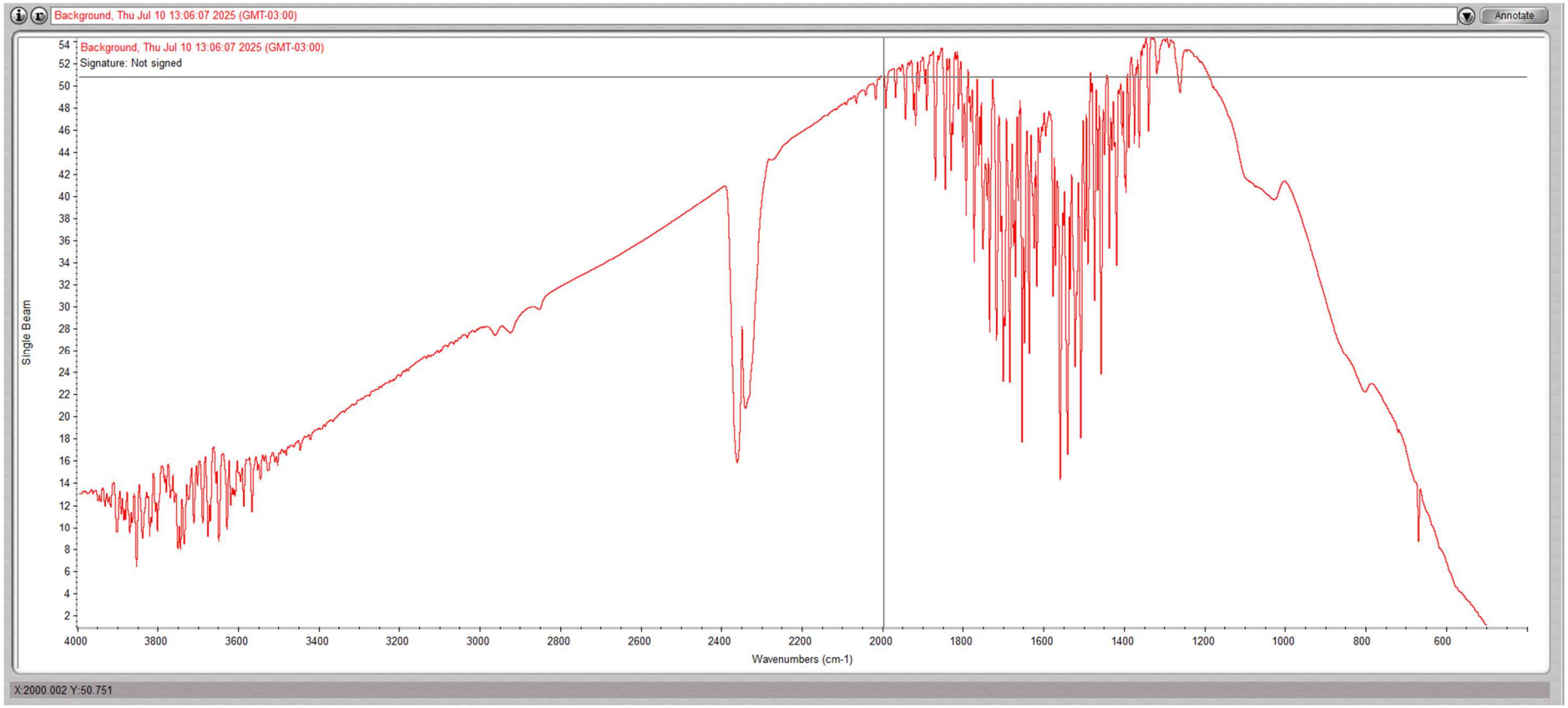
Thu Jul 10 13:24:49 2025 (GMT-03:00)
FIND PEAKS:

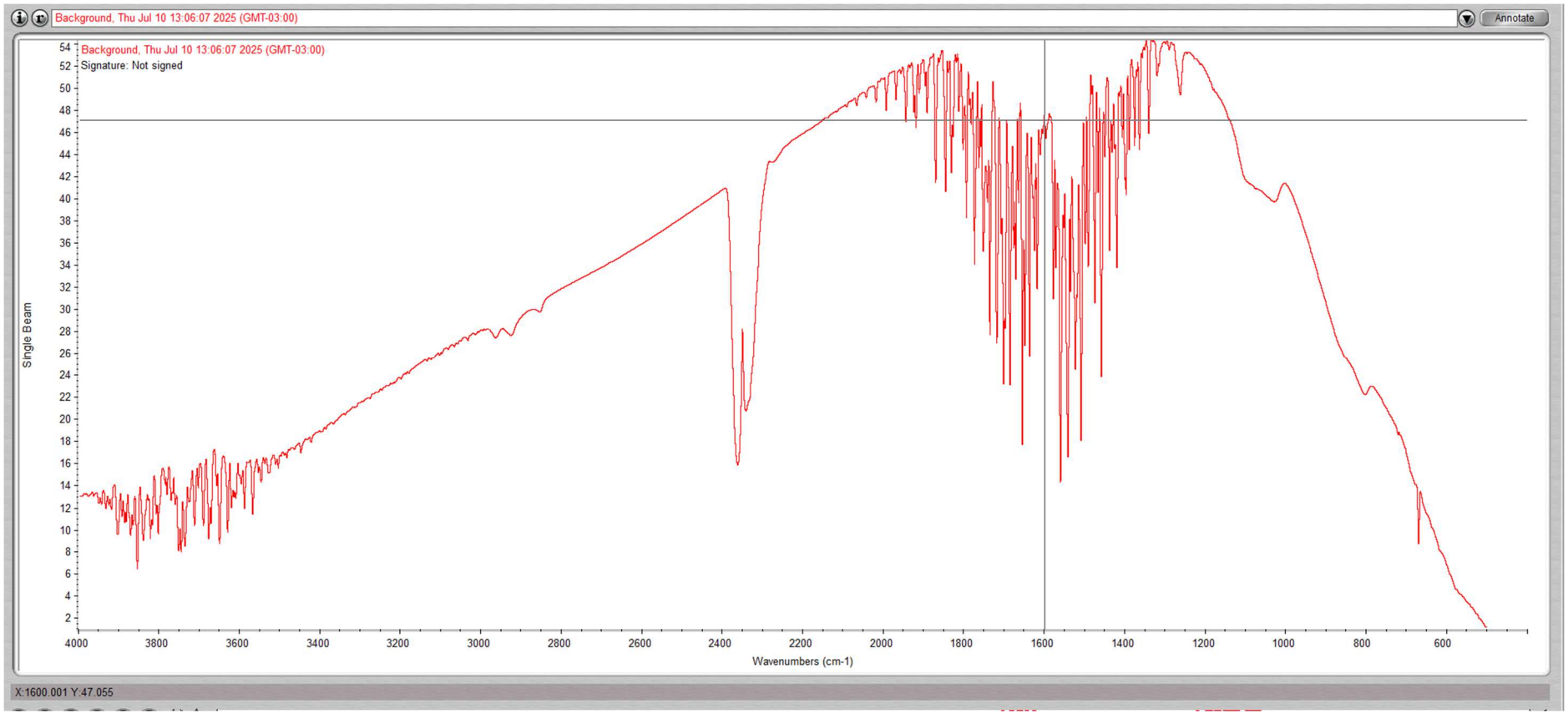
Spectrum: 02 - Exatidão do número de onda
Region: 4000.00 400.00
Absolute threshold: 52.482
Sensitivity: 50
Peak list:

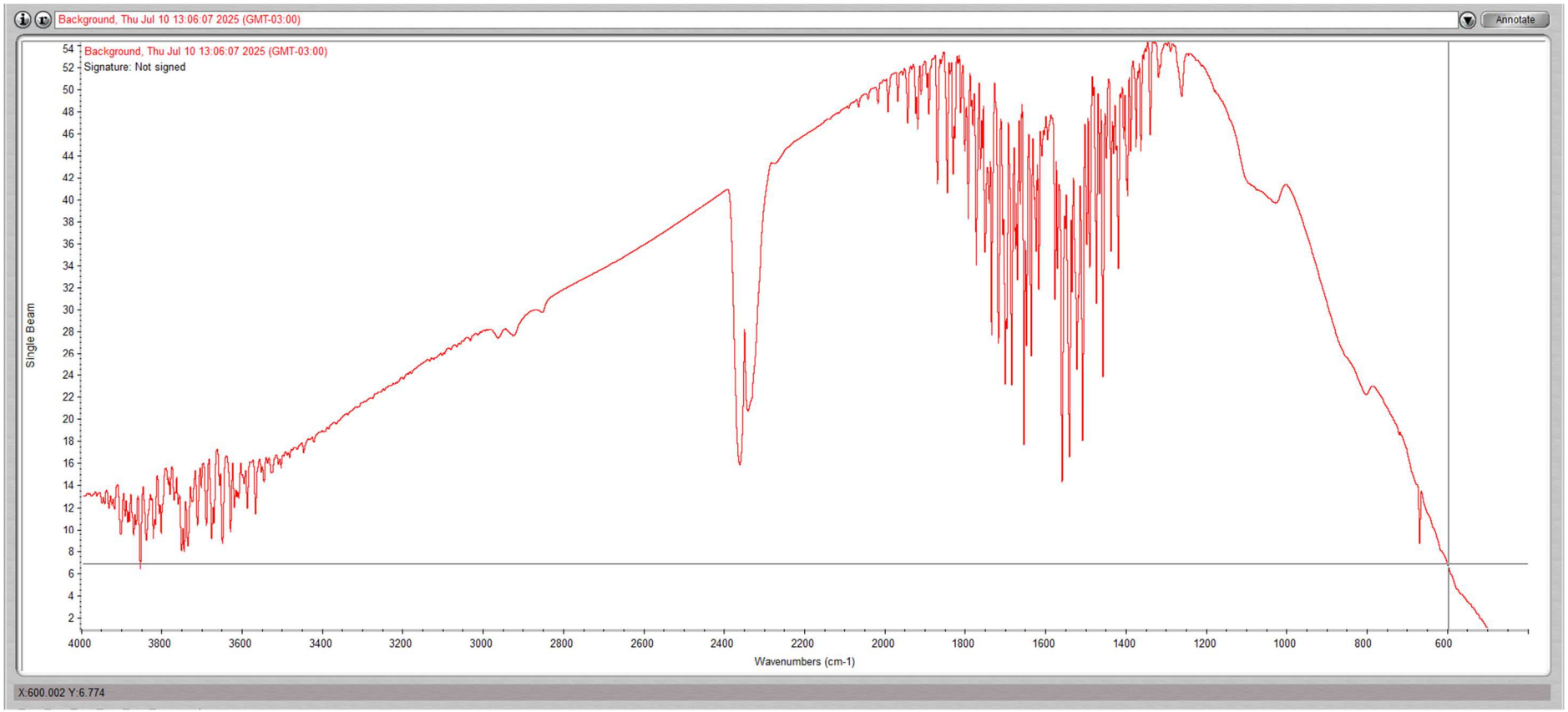
Position:	523.62	Intensity:	46.699
Position:	539.03	Intensity:	9.950
Position:	699.38	Intensity:	0.197
Position:	756.63	Intensity:	1.054
Position:	906.45	Intensity:	37.561
Position:	1028.31	Intensity:	22.247
Position:	1069.01	Intensity:	43.053
Position:	1154.44	Intensity:	50.262

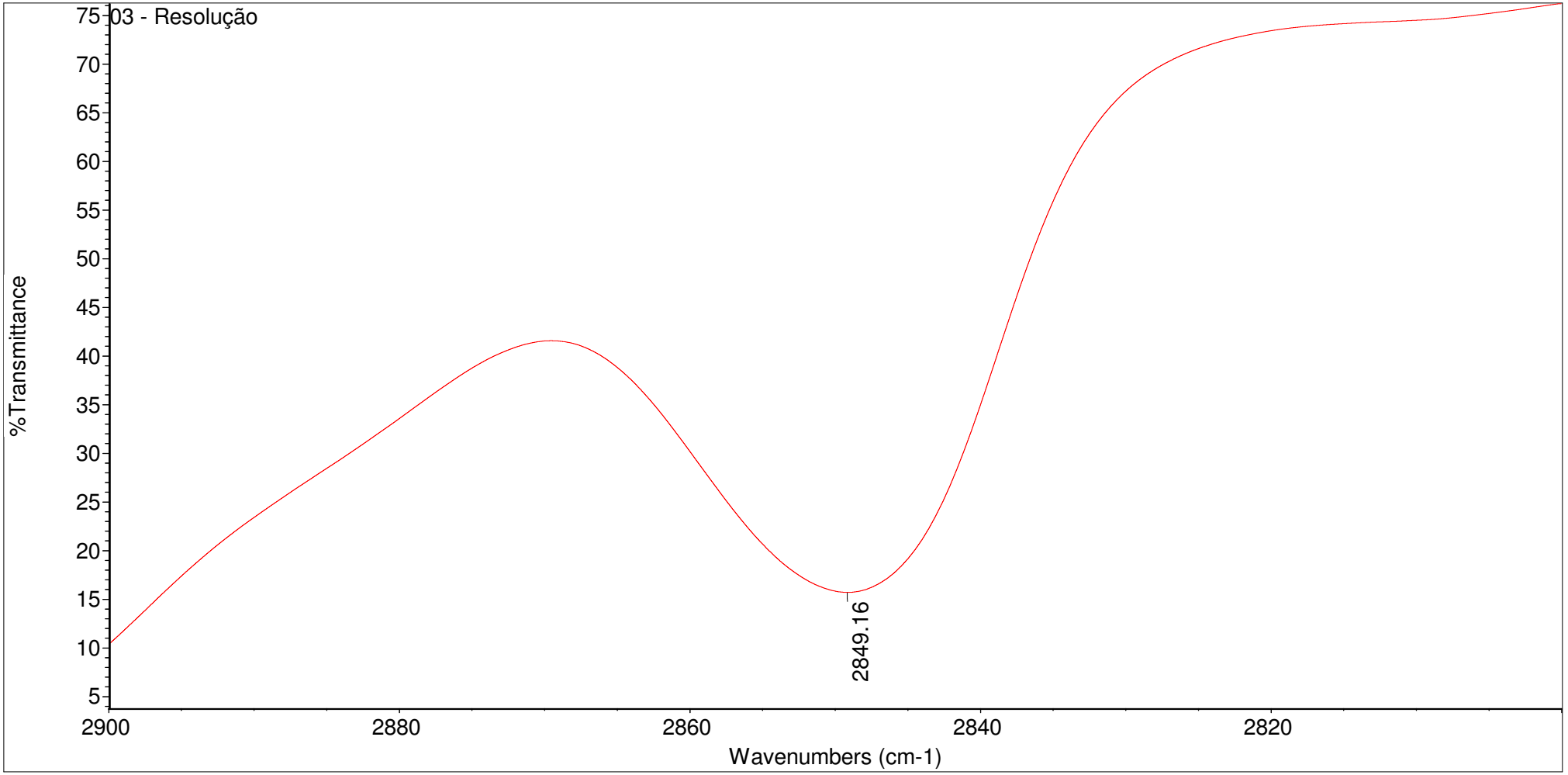
Position:	1181.29	Intensity:	50.654
Position:	1328.28	Intensity:	51.465
Position:	1371.84	Intensity:	43.214
Position:	1452.16	Intensity:	0.577
Position:	1492.78	Intensity:	0.356
Position:	1582.95	Intensity:	44.512
Position:	1600.98	Intensity:	11.320
Position:	2849.29	Intensity:	15.869
Position:	2924.02	Intensity:	0.415
Position:	3001.03	Intensity:	32.405
Position:	3025.53	Intensity:	0.699
Position:	3059.60	Intensity:	7.717
Position:	3081.76	Intensity:	15.941
Position:	3102.13	Intensity:	49.323


Background, Thu Jul 10 13:06:07 2025 (GMT-03:00)
Annotate
Background, Thu Jul 10 13:06:07 2025 (GMT-03:00)
Signature: Not signed
Single Beam
Wavenumbers (cm-1)
X:3000.003 Y:28.018


Background, Thu Jul 10 13:06:07 2025 (GMT-03:00)
Annotate
Background, Thu Jul 10 13:06:07 2025 (GMT-03:00)
Signature: Not signed
Single Beam
54
52
50
48
46
44
42
40
38
36
34
32
30
28
26
24
22
20
18
16
14
12
10
8
6
4
2
4000
3800
3600
3400
3200
3000
2800
2600
2400
2200
2000
1800
1600
1400
1200
1000
800
600
Wavenumbers (cm-1)
X:2000.002 Y:50.751

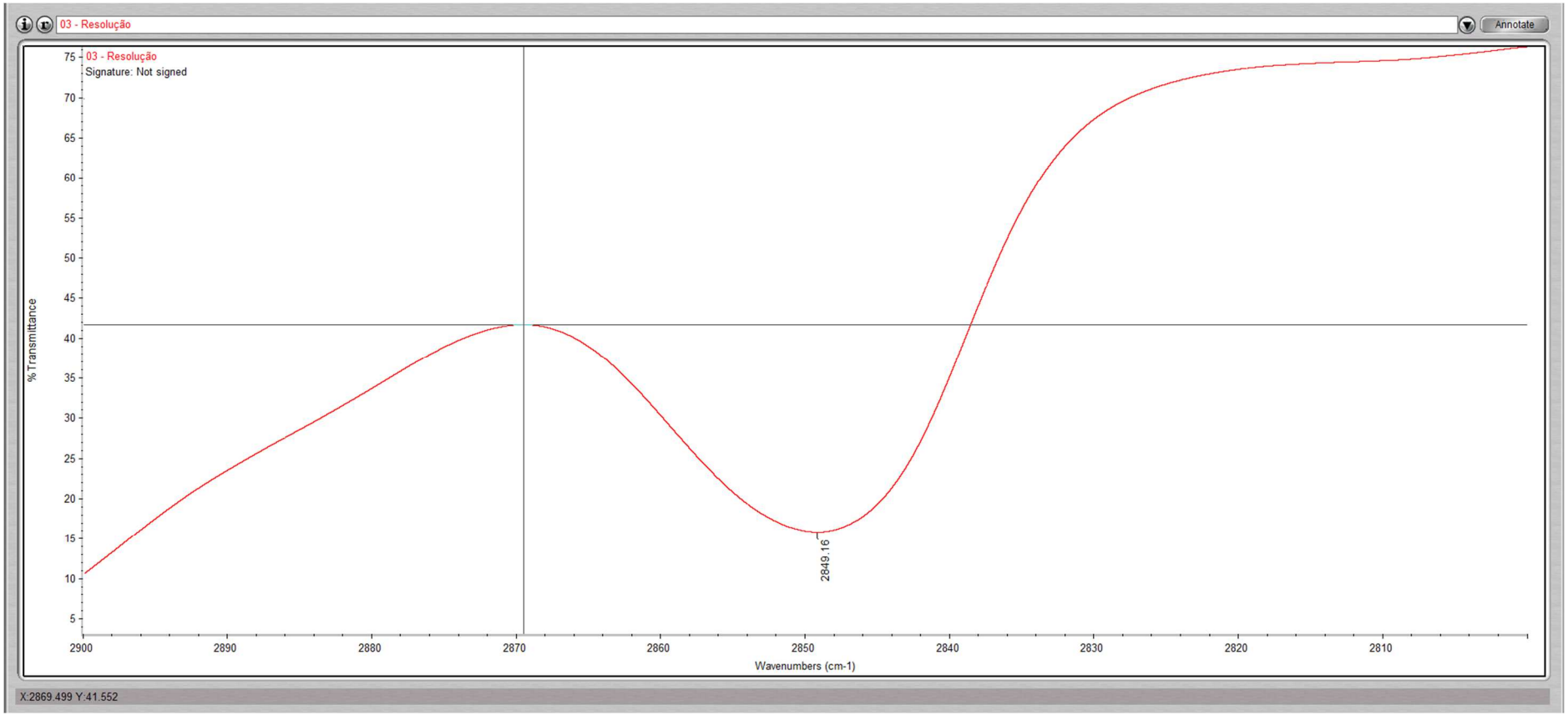

Background, Thu Jul 10 13:06:07 2025 (GMT-03:00)
Annotate
Background, Thu Jul 10 13:06:07 2025 (GMT-03:00)
Signature: Not signed
Single Beam
Wavenumbers (cm-1)
X:1600.001 Y:47.055

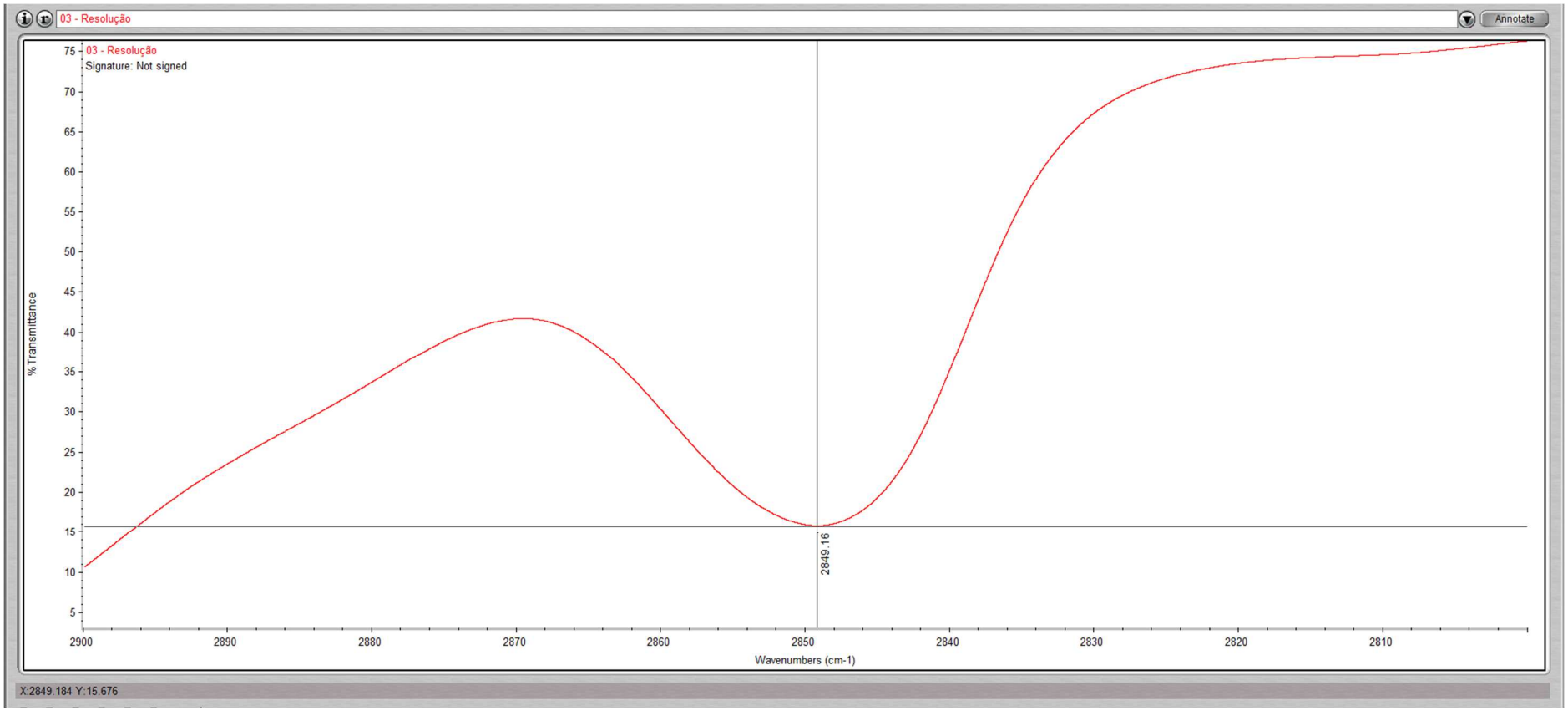

Background, Thu Jul 10 13:06:07 2025 (GMT-03:00)
Annotate
Background, Thu Jul 10 13:06:07 2025 (GMT-03:00)
Signature: Not signed
Single Beam
54
52
50
48
46
44
42
40
38
36
34
32
30
28
26
24
22
20
18
16
14
12
10
8
6
4
2
4000
3800
3600
3400
3200
3000
2800
2600
2400
2200
2000
1800
1600
1400
1200
1000
800
600
Wavenumbers (cm-1)
X:600.002 Y:6.774

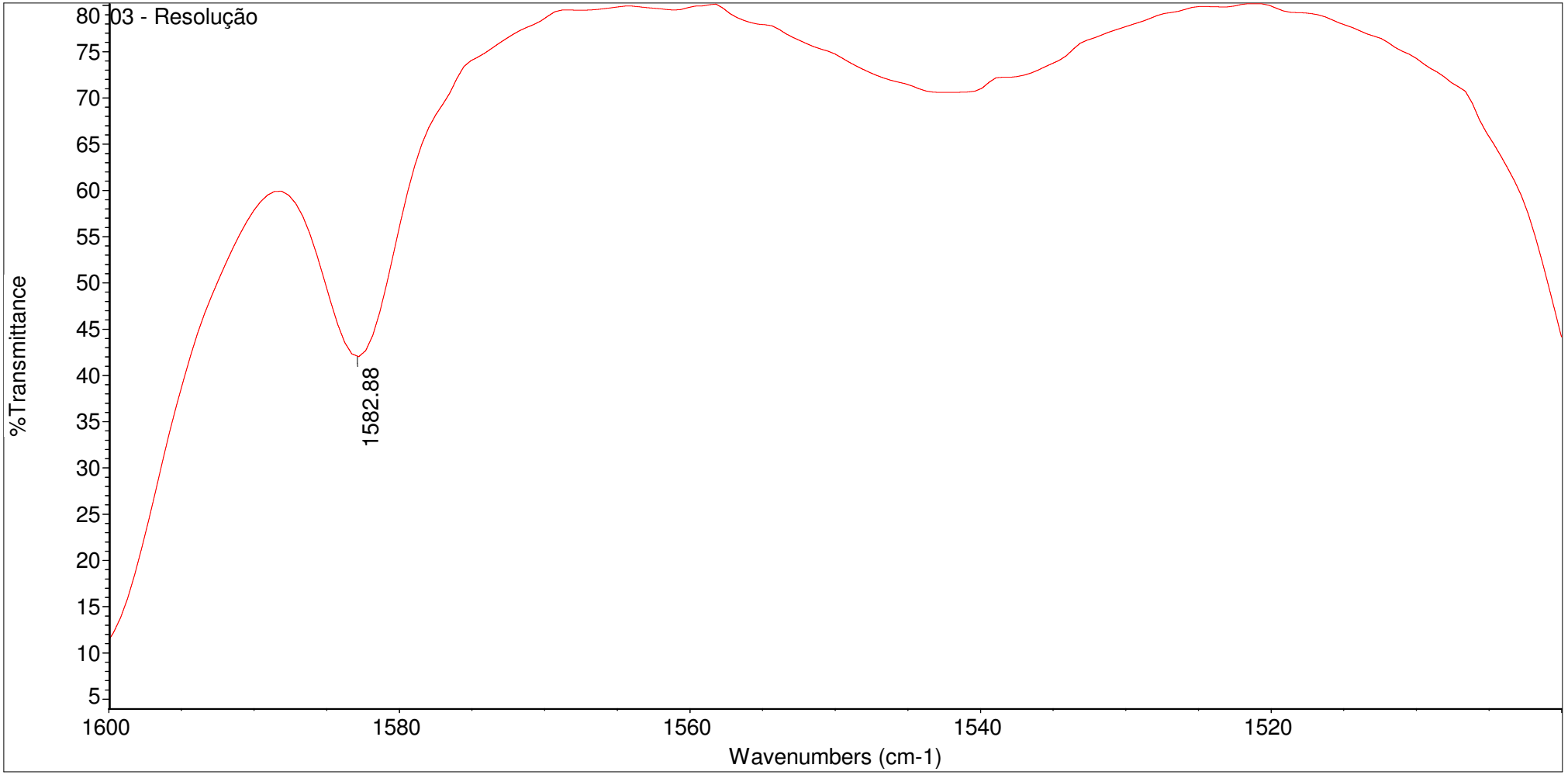


Thu Jul 10 13:32:30 2025 (GMT-03:00)
FIND PEAKS:

Spectrum:	03 - Resolução			
Region:	2900.00	2800.00		
Absolute threshold:	43.317			
Sensitivity:	50			
Peak list:				
	Position:	2849.16	Intensity:	15.671

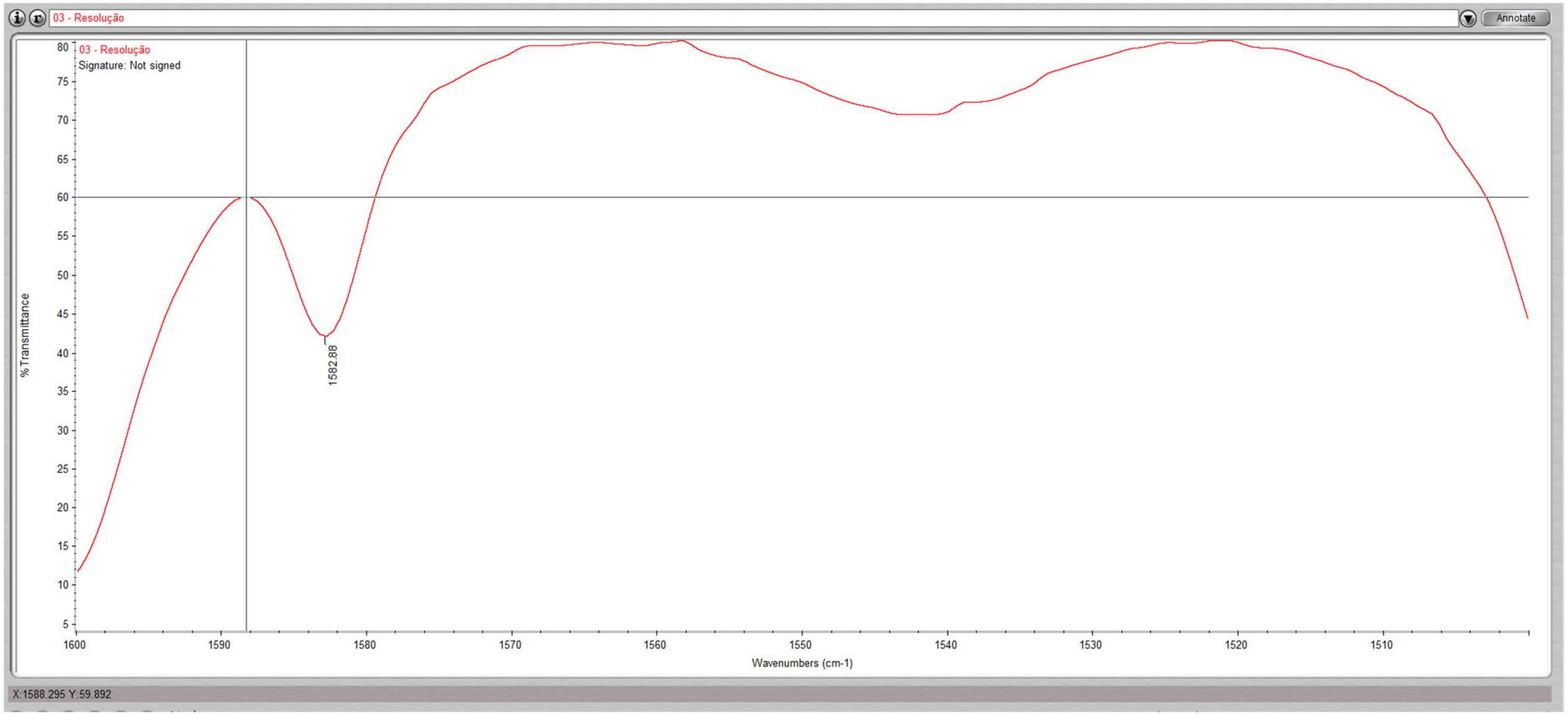

03 - Resolução
Annotate
03 - Resolução
Signature: Not signed
% Transmittance
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5
2900
2890
2880
2870
2860
2850
2840
2830
2820
2810
2849.16
Wavenumbers (cm-1)
X:2869.499 Y:41.552

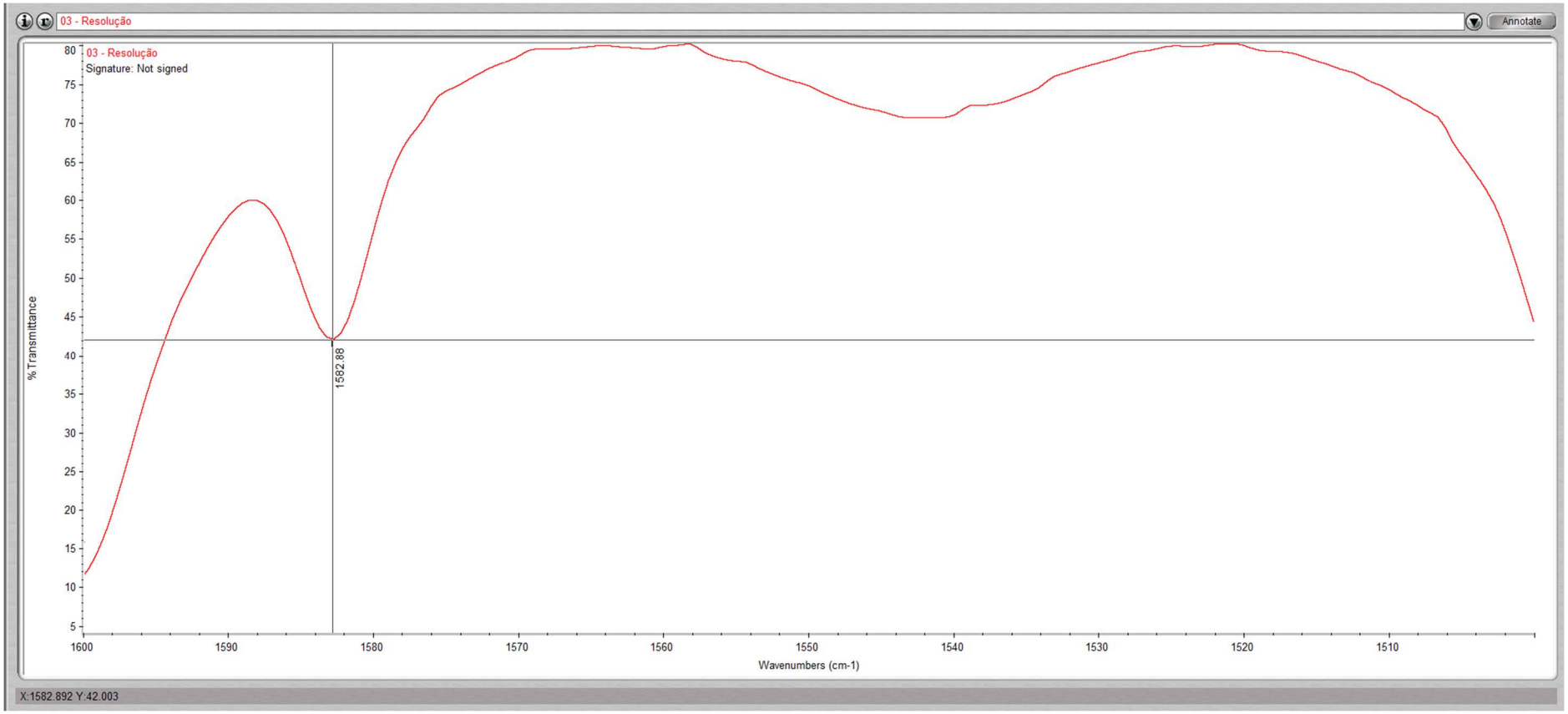

03 - Resolução
Annotate
03 - Resolução
Signature: Not signed
%Transmittance
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5
2900
2890
2880
2870
2860
2850
2840
2830
2820
2810
2849.16
Wavenumbers (cm-1)
X:2849.184 Y:15.676

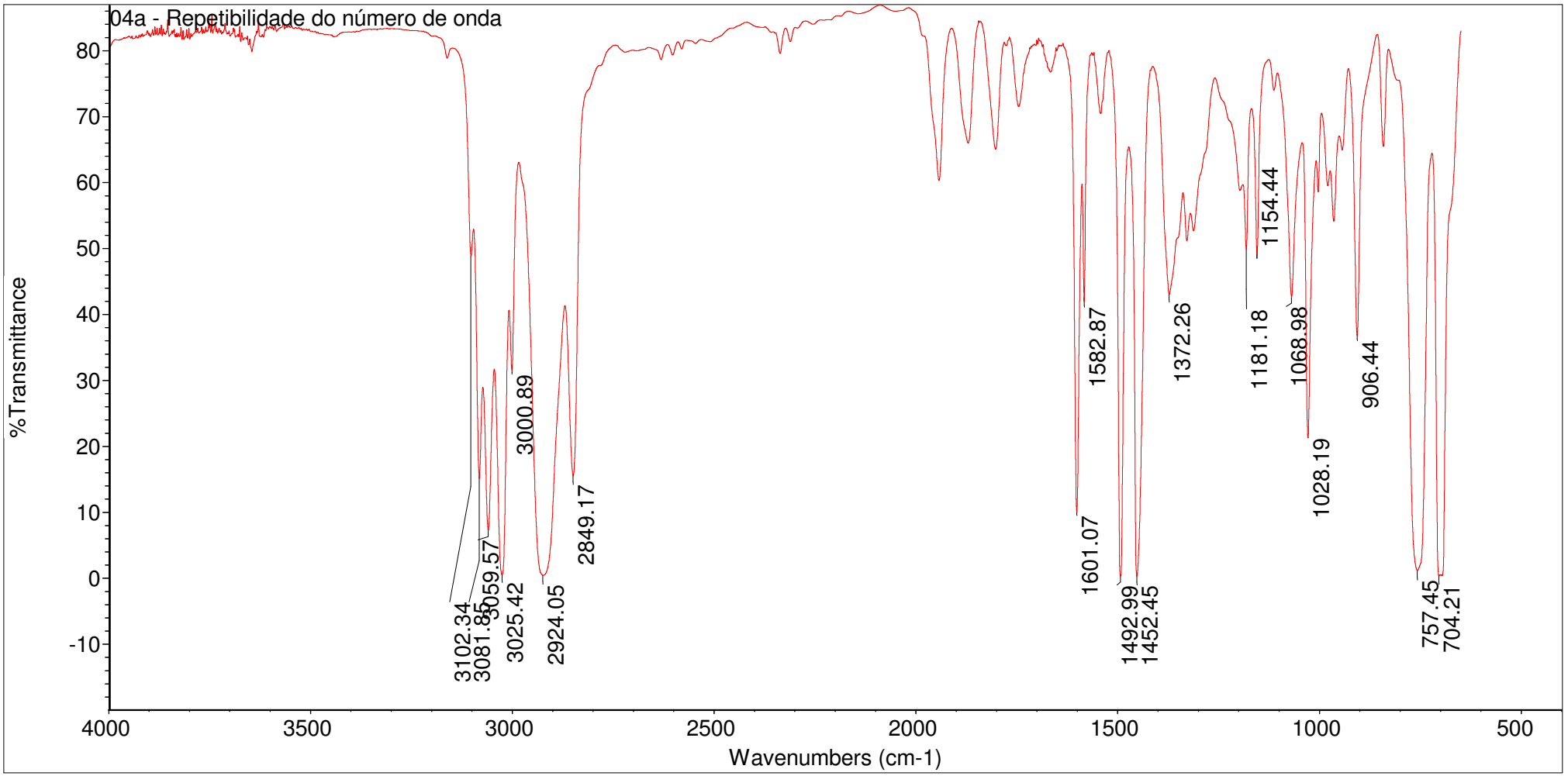


Thu Jul 10 13:34:51 2025 (GMT-03:00)
FIND PEAKS:

Spectrum:	03 - Resolução		
Region:	1600.00	1500.00	
Absolute threshold:	45.588		
Sensitivity:	50		
Peak list:			
	Position:	1582.88	Intensity: 41.987


03 - Resolução
Annotate
03 - Resolução
Signature: Not signed
% Transmittance
1582.88
Wavenumbers (cm-1)
X:1588.295 Y:59.892


03 - Resolução
Annotate
03 - Resolução
Signature: Not signed
% Transmittance
1582.88
Wavenumbers (cm-1)
X:1582.892 Y:42.003

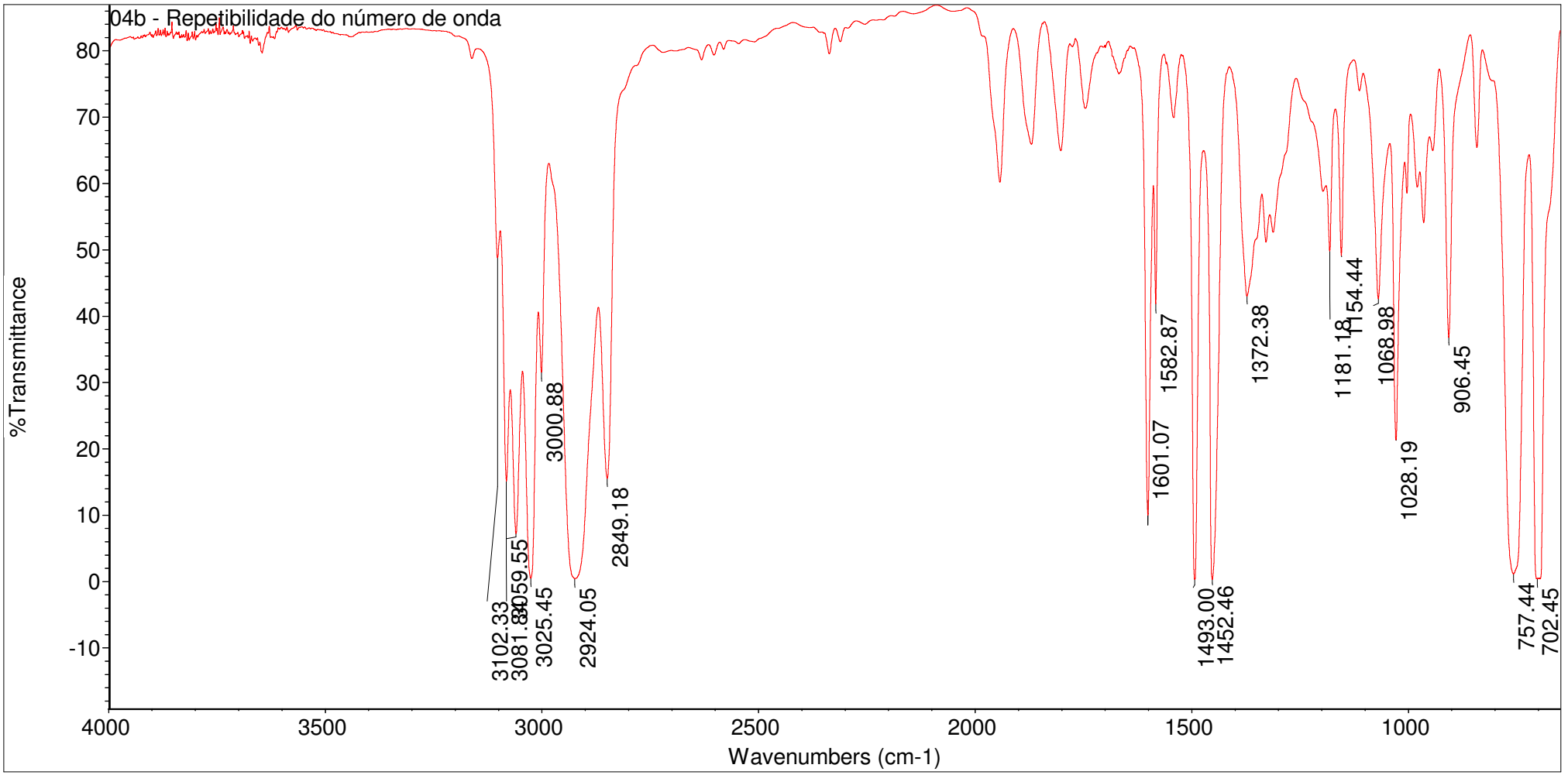


Thu Jul 10 13:41:26 2025 (GMT-03:00)
FIND PEAKS:

Spectrum: 04a - Repetibilidade do número de onda
Region: 4000.00 400.00
Absolute threshold: 49.938
Sensitivity: 50
Peak list:

Position:	704.21	Intensity:	0.363
Position:	757.45	Intensity:	1.099
Position:	906.44	Intensity:	36.791
Position:	1028.19	Intensity:	21.343
Position:	1068.98	Intensity:	42.595
Position:	1154.44	Intensity:	49.109
Position:	1181.18	Intensity:	49.781
Position:	1372.26	Intensity:	42.992

Position:	1452.45	Intensity:	0.258
Position:	1492.99	Intensity:	0.273
Position:	1582.87	Intensity:	41.852
Position:	1601.07	Intensity:	9.978
Position:	2849.17	Intensity:	15.484
Position:	2924.05	Intensity:	0.400
Position:	3000.89	Intensity:	31.516
Position:	3025.42	Intensity:	0.476
Position:	3059.57	Intensity:	7.195
Position:	3081.85	Intensity:	15.102
Position:	3102.34	Intensity:	48.835

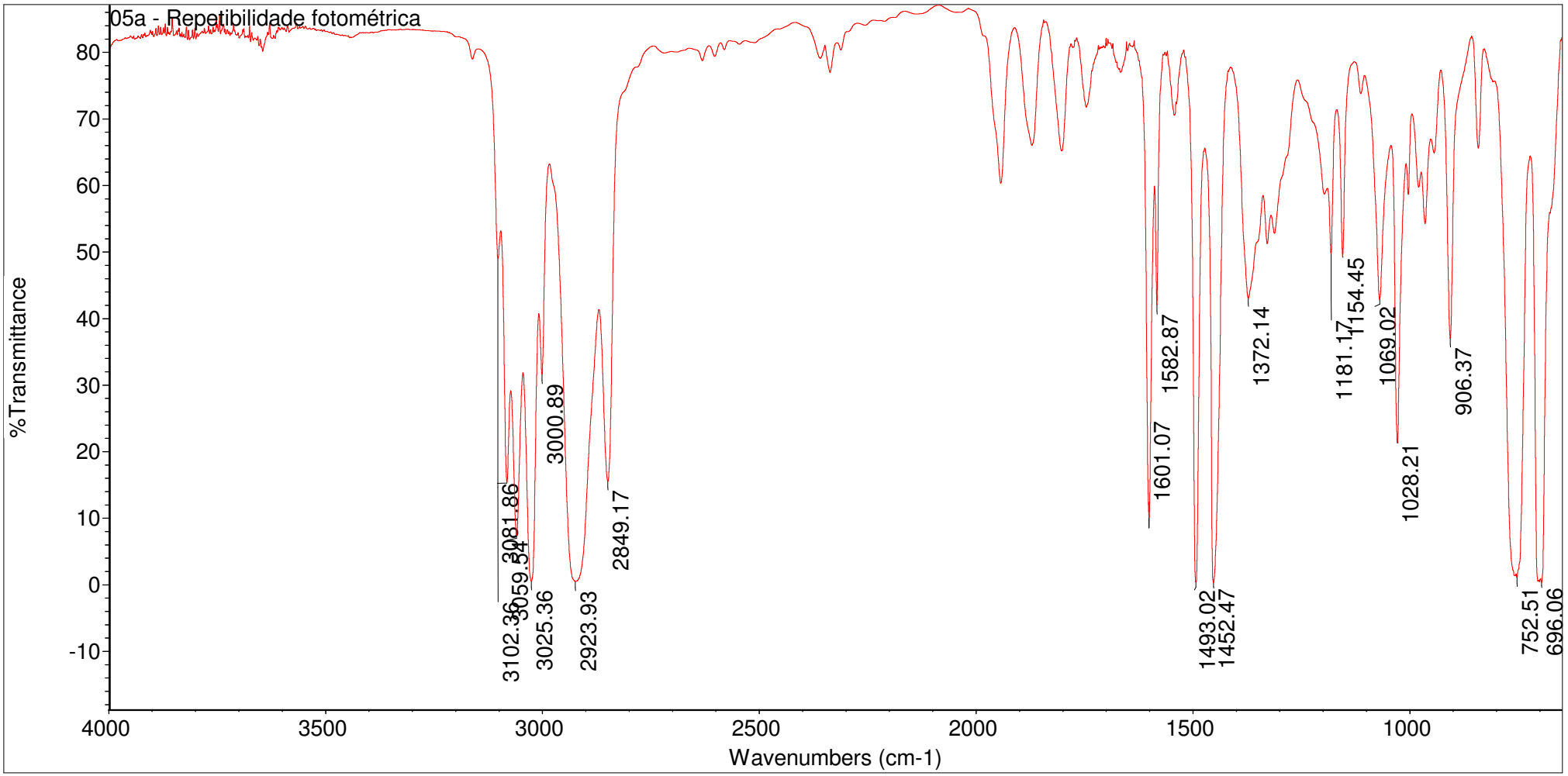


Thu Jul 10 13:44:49 2025 (GMT-03:00)
FIND PEAKS:

Spectrum: 04b - Repetibilidade do número de onda
Region: 4000.12 649.89
Absolute threshold: 51.091
Sensitivity: 50
Peak list:

Position:	702.45	Intensity:	0.350
Position:	757.44	Intensity:	1.095
Position:	906.45	Intensity:	36.766
Position:	1028.19	Intensity:	21.314
Position:	1068.98	Intensity:	42.574
Position:	1154.44	Intensity:	49.075
Position:	1181.18	Intensity:	49.773
Position:	1372.38	Intensity:	42.976

Position:	1452.46	Intensity:	0.253
Position:	1493.00	Intensity:	0.276
Position:	1582.87	Intensity:	41.823
Position:	1601.07	Intensity:	9.953
Position:	2849.18	Intensity:	15.497
Position:	2924.05	Intensity:	0.397
Position:	3000.88	Intensity:	31.505
Position:	3025.45	Intensity:	0.470
Position:	3059.55	Intensity:	7.194
Position:	3081.84	Intensity:	15.077
Position:	3102.33	Intensity:	48.793

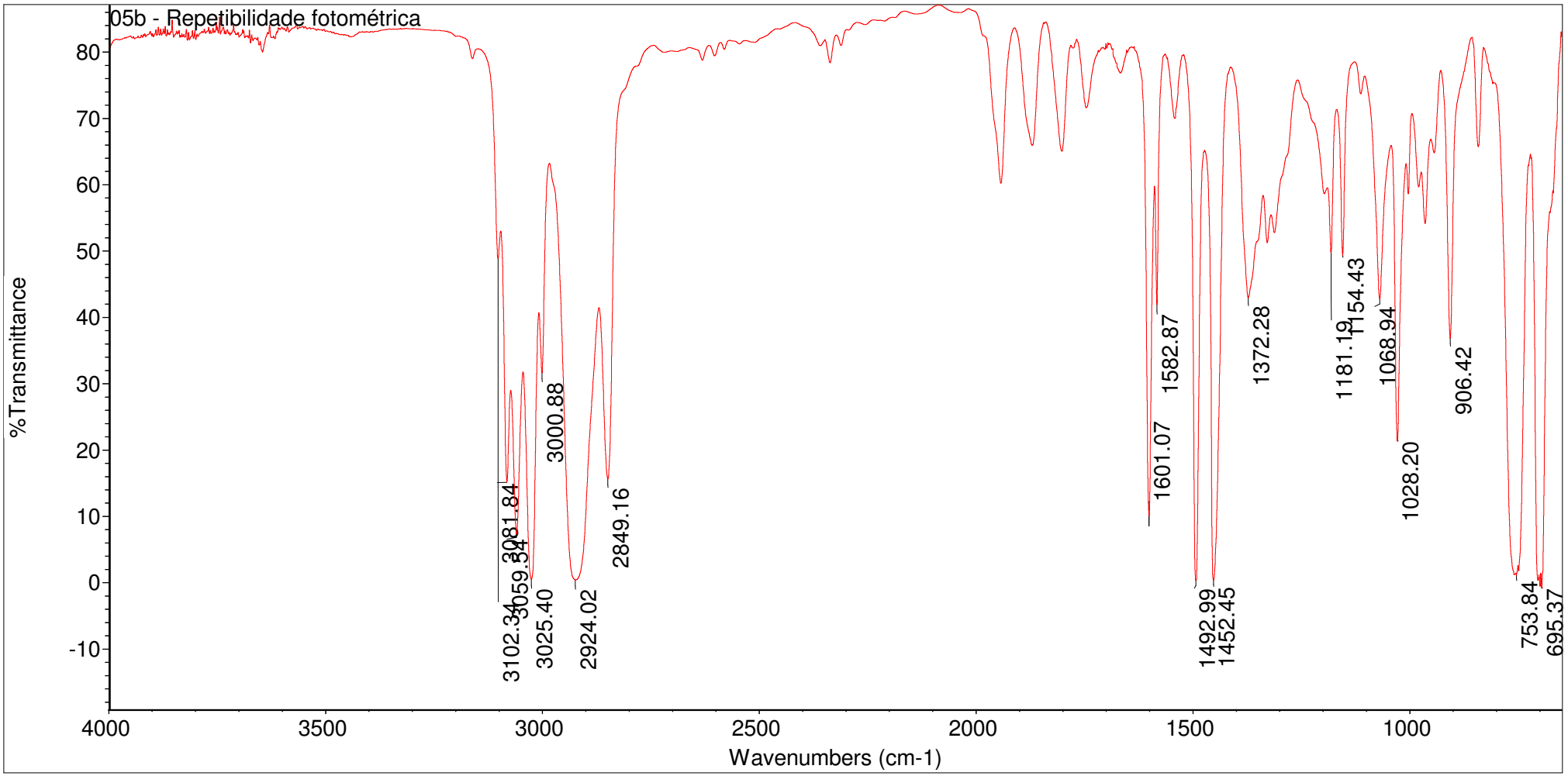


Thu Jul 10 13:48:02 2025 (GMT-03:00)
FIND PEAKS:

Spectrum: 05a - Repetibilidade fotométrica
Region: 4000.12 649.89
Absolute threshold: 50.956
Sensitivity: 50
Peak list:

Position:	696.06	Intensity:	0.251
Position:	752.51	Intensity:	1.065
Position:	906.37	Intensity:	37.010
Position:	1028.21	Intensity:	21.320
Position:	1069.02	Intensity:	42.769
Position:	1154.45	Intensity:	49.244
Position:	1181.17	Intensity:	49.727
Position:	1372.14	Intensity:	43.002

Position:	1452.47	Intensity:	0.259
Position:	1493.02	Intensity:	0.369
Position:	1582.87	Intensity:	42.021
Position:	1601.07	Intensity:	10.060
Position:	2849.17	Intensity:	15.478
Position:	2923.93	Intensity:	0.473
Position:	3000.89	Intensity:	31.590
Position:	3025.36	Intensity:	0.486
Position:	3059.54	Intensity:	7.379
Position:	3081.86	Intensity:	15.258
Position:	3102.36	Intensity:	49.040

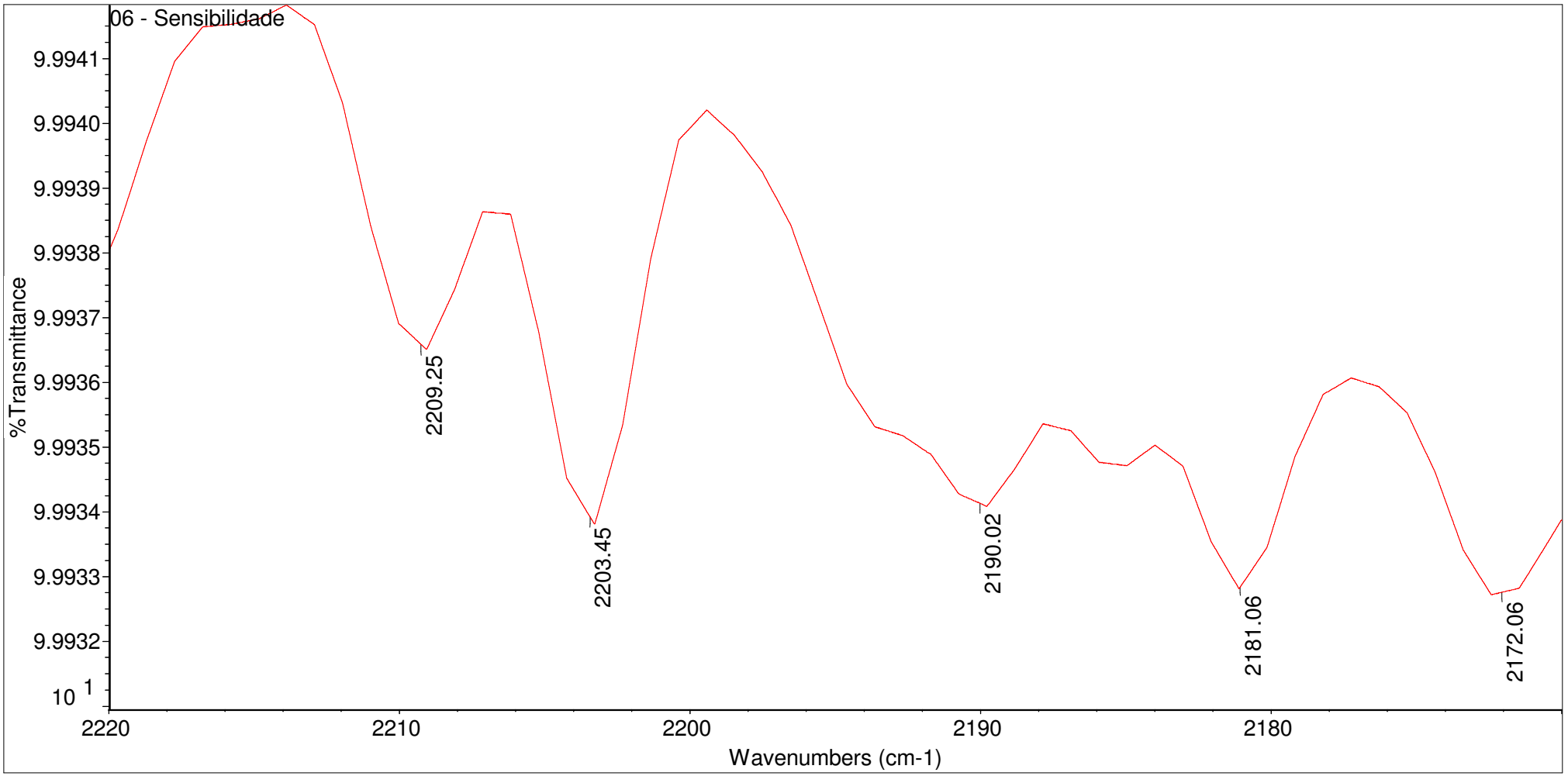


Thu Jul 10 13:50:46 2025 (GMT-03:00)
FIND PEAKS:

Spectrum: 05b - Repetibilidade fotométrica
Region: 4000.12 649.89
Absolute threshold: 50.851
Sensitivity: 50
Peak list:

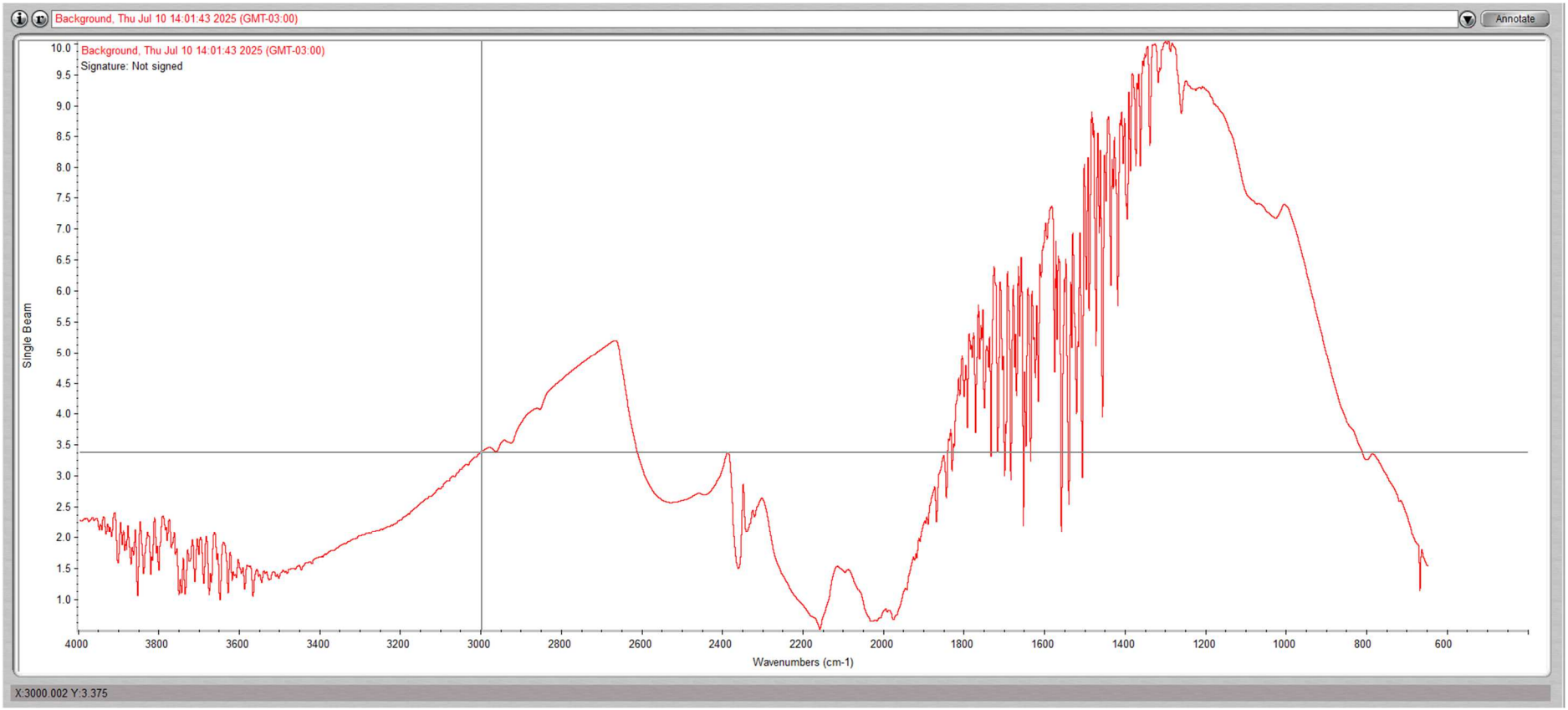
Position:	695.37	Intensity:	-0.865
Position:	753.84	Intensity:	1.044
Position:	906.42	Intensity:	36.827
Position:	1028.20	Intensity:	21.330
Position:	1068.94	Intensity:	42.735
Position:	1154.43	Intensity:	49.230
Position:	1181.19	Intensity:	49.720
Position:	1372.28	Intensity:	42.930

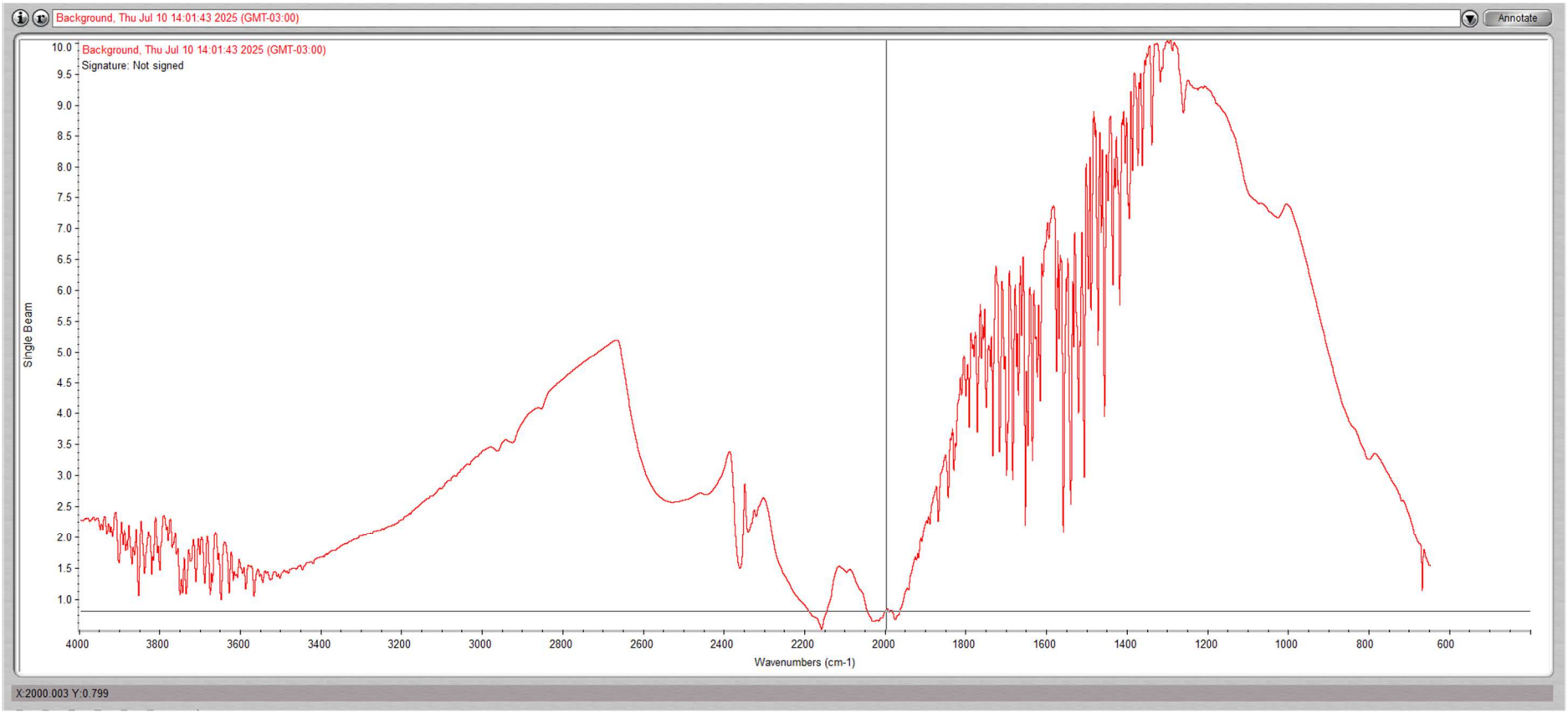
Position:	1452.45	Intensity:	0.269
Position:	1492.99	Intensity:	0.301
Position:	1582.87	Intensity:	41.912
Position:	1601.07	Intensity:	9.999
Position:	2849.16	Intensity:	15.592
Position:	2924.02	Intensity:	0.371
Position:	3000.88	Intensity:	31.600
Position:	3025.40	Intensity:	0.484
Position:	3059.54	Intensity:	7.259
Position:	3081.84	Intensity:	15.122
Position:	3102.34	Intensity:	48.884

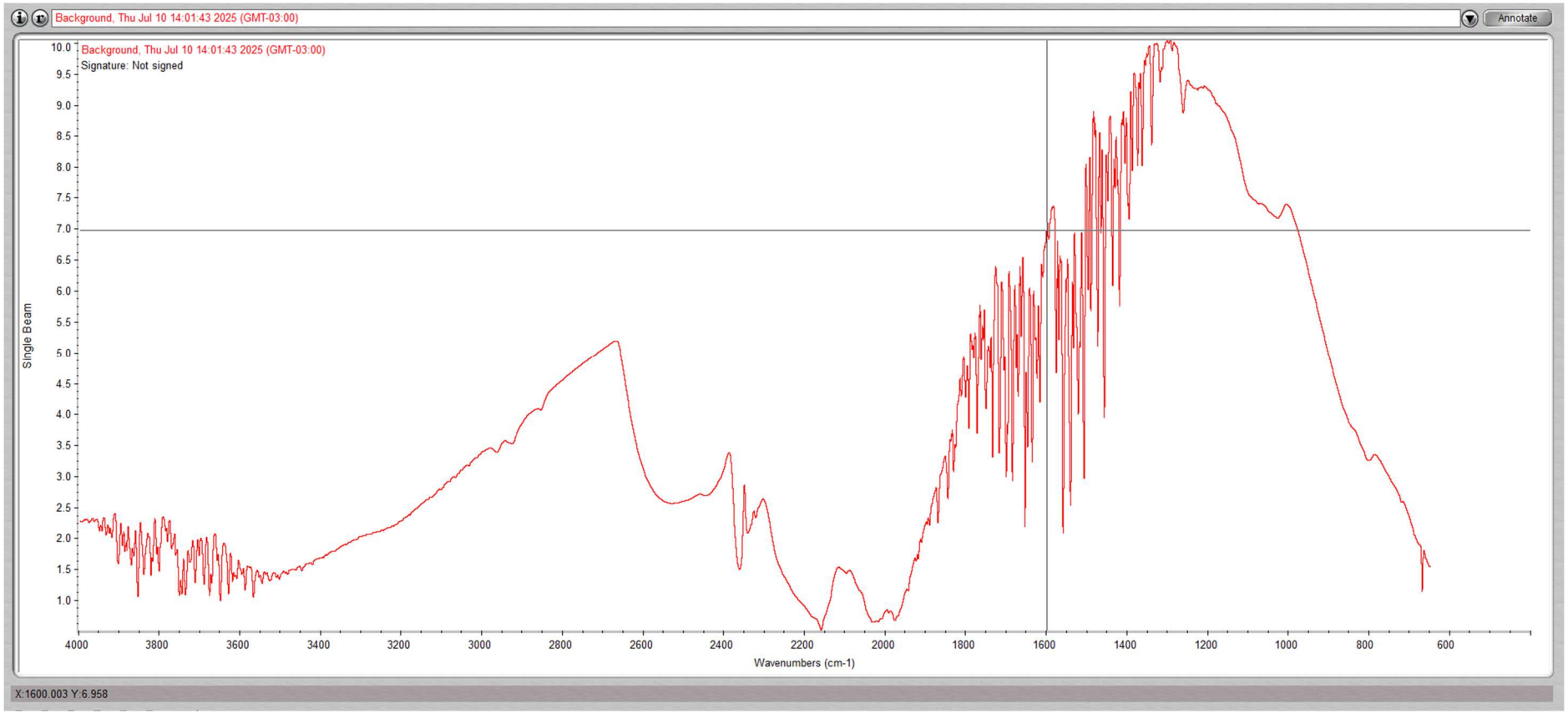


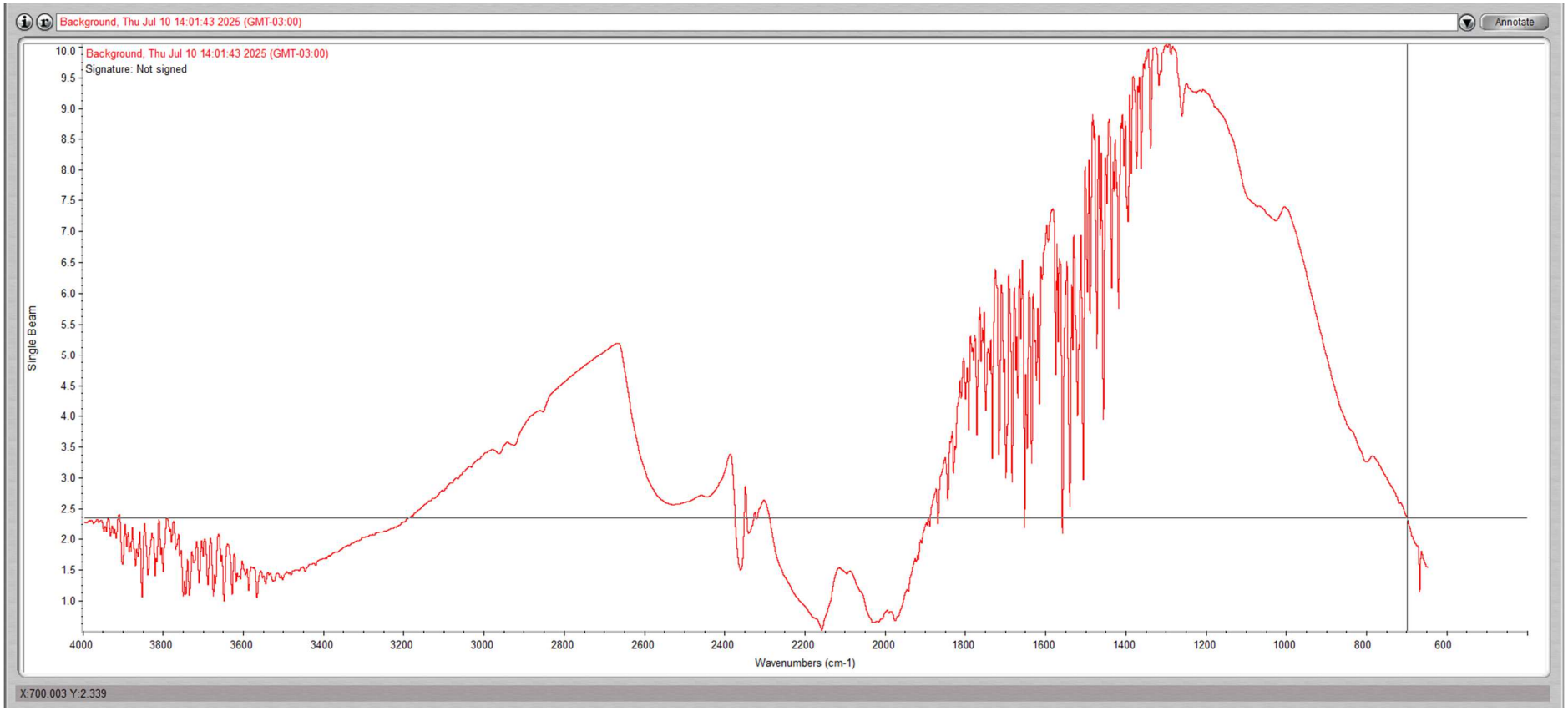
Thu Jul 10 13:57:48 2025 (GMT-03:00)
FIND PEAKS:

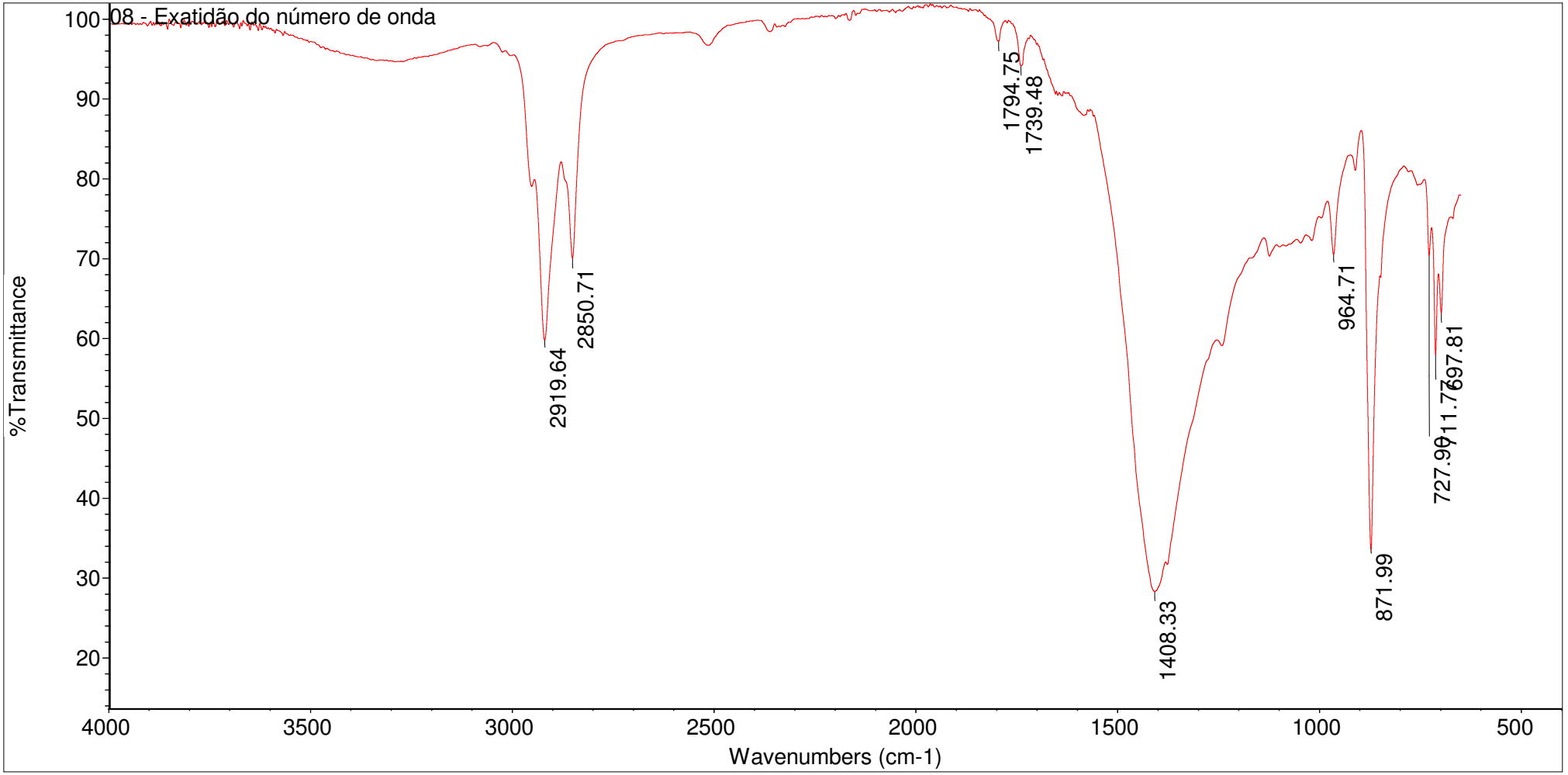
Spectrum:	06 - Sensibilidade			
Region:	2220.00	2170.00		
Absolute threshold:	99.9373			
Sensitivity:	50			
Peak list:				
	Position:	2172.06	Intensity:	99.933
	Position:	2181.06	Intensity:	99.933
	Position:	2190.02	Intensity:	99.934
	Position:	2203.45	Intensity:	99.934
	Position:	2209.25	Intensity:	99.936


Background, Thu Jul 10 14:01:43 2025 (GMT-03:00)
Annotate
Background, Thu Jul 10 14:01:43 2025 (GMT-03:00)
Signature: Not signed
Single Beam
10.0
9.5
9.0
8.5
8.0
7.5
7.0
6.5
6.0
5.5
5.0
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
4000
3800
3600
3400
3200
3000
2800
2600
2400
2200
2000
1800
1600
1400
1200
1000
800
600
Wavenumbers (cm-1)
X:3000.002 Y:3.375


Background, Thu Jul 10 14:01:43 2025 (GMT-03:00)
Annotate
Background, Thu Jul 10 14:01:43 2025 (GMT-03:00)
Signature: Not signed
Single Beam
10.0
9.5
9.0
8.5
8.0
7.5
7.0
6.5
6.0
5.5
5.0
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
4000
3800
3600
3400
3200
3000
2800
2600
2400
2200
2000
1800
1600
1400
1200
1000
800
600
Wavenumbers (cm-1)
X:2000.003 Y:0.799


Background, Thu Jul 10 14:01:43 2025 (GMT-03:00)
Annotate
Background, Thu Jul 10 14:01:43 2025 (GMT-03:00)
Signature: Not signed
Single Beam
Wavenumbers (cm-1)
X:1600.003 Y:6.958


Background, Thu Jul 10 14:01:43 2025 (GMT-03:00)
Annotate
Background, Thu Jul 10 14:01:43 2025 (GMT-03:00)
Signature: Not signed
Single Beam
10.0
9.5
9.0
8.5
8.0
7.5
7.0
6.5
6.0
5.5
5.0
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
4000
3800
3600
3400
3200
3000
2800
2600
2400
2200
2000
1800
1600
1400
1200
1000
800
600
Wavenumbers (cm-1)
X:700.003 Y:2.339

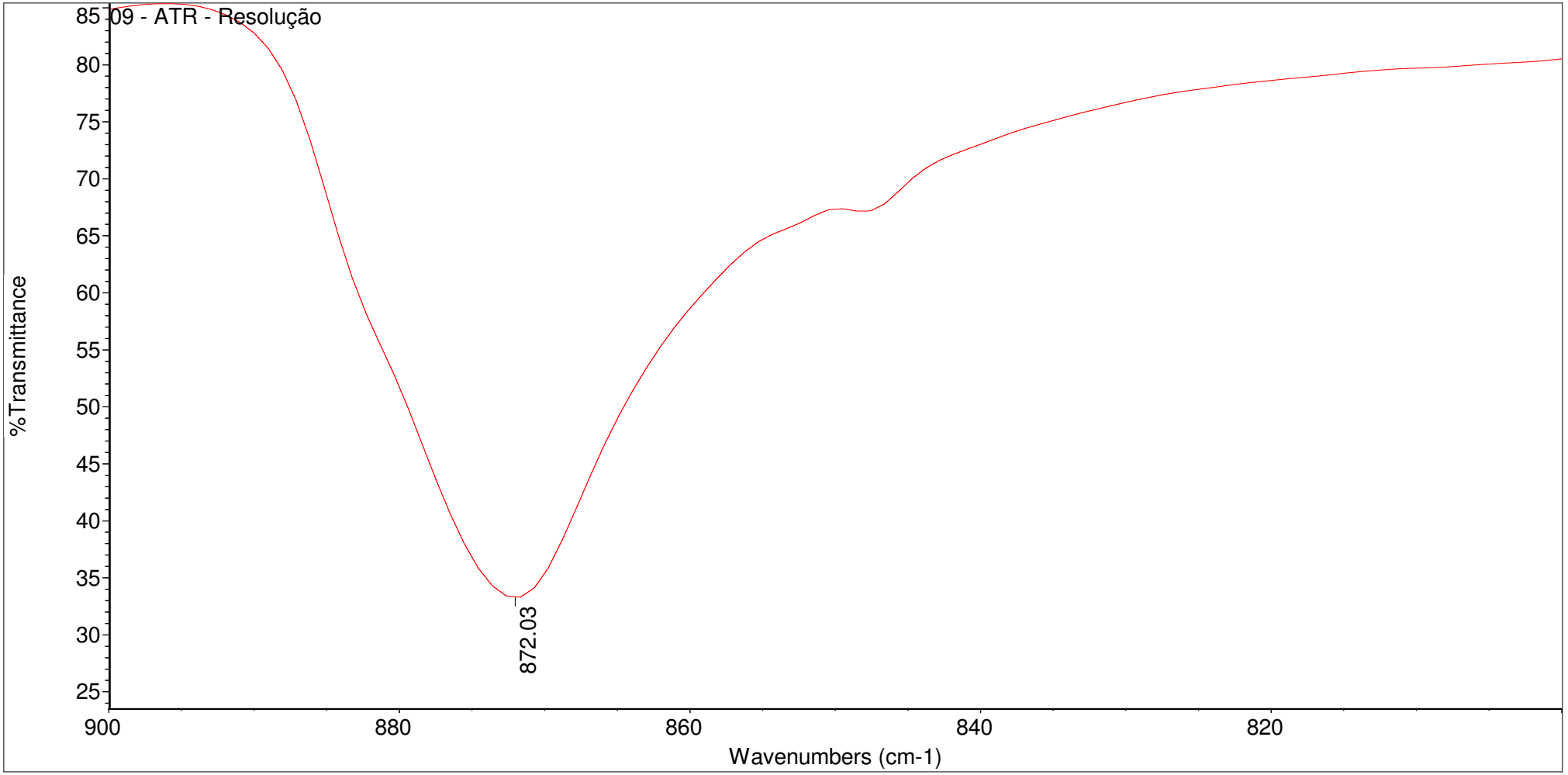


Thu Jul 10 15:05:10 2025 (GMT-03:00)
FIND PEAKS:

Spectrum: 08 - Exatidão do número de onda
Region: 4000.00 400.00
Absolute threshold: 98.156
Sensitivity: 50
Peak list:

Position:	697.81	Intensity:	63.088
Position:	711.77	Intensity:	57.762
Position:	727.90	Intensity:	70.367
Position:	871.99	Intensity:	33.414
Position:	964.71	Intensity:	70.462
Position:	1408.33	Intensity:	28.264
Position:	1739.48	Intensity:	94.108
Position:	1794.75	Intensity:	97.219

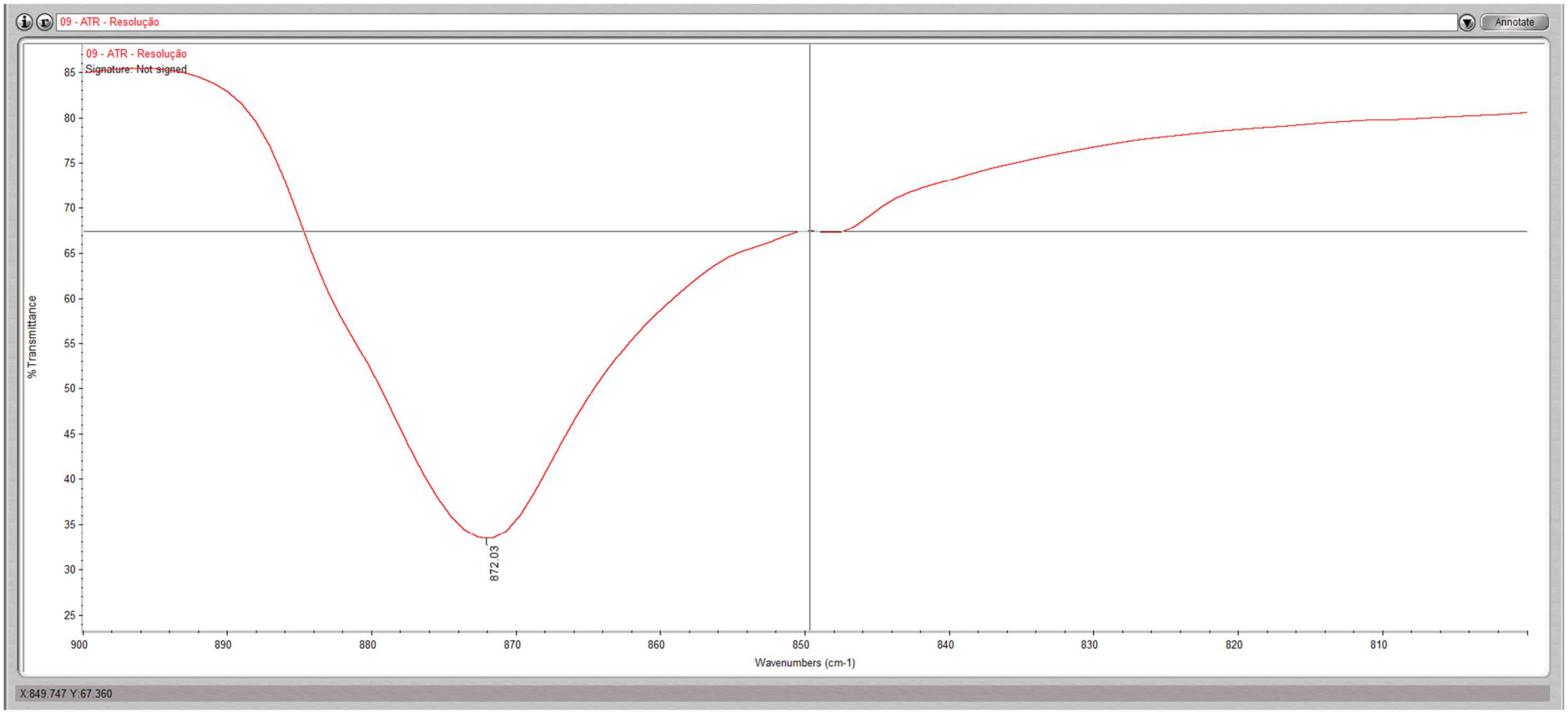
Position:	2850.71	Intensity:	70.015
Position:	2919.64	Intensity:	59.732

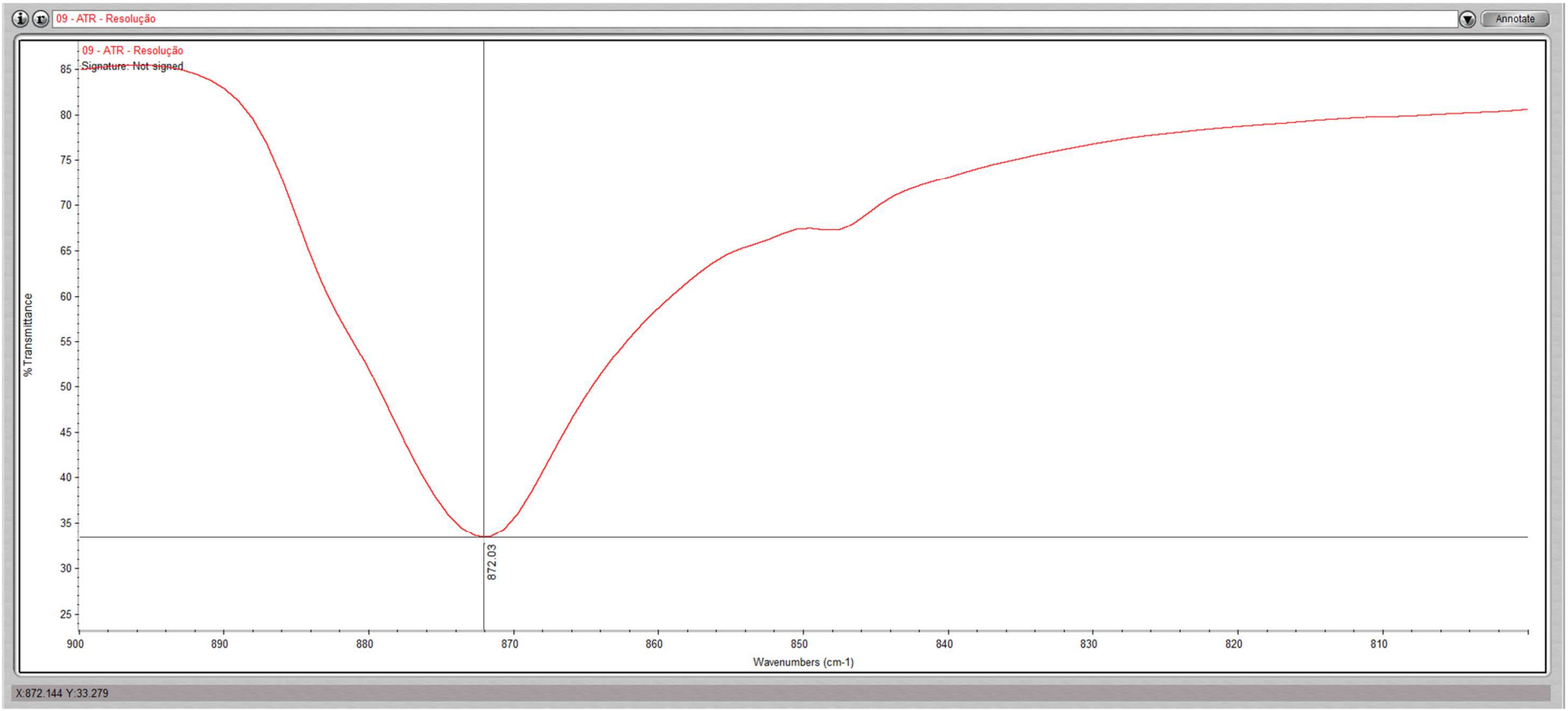


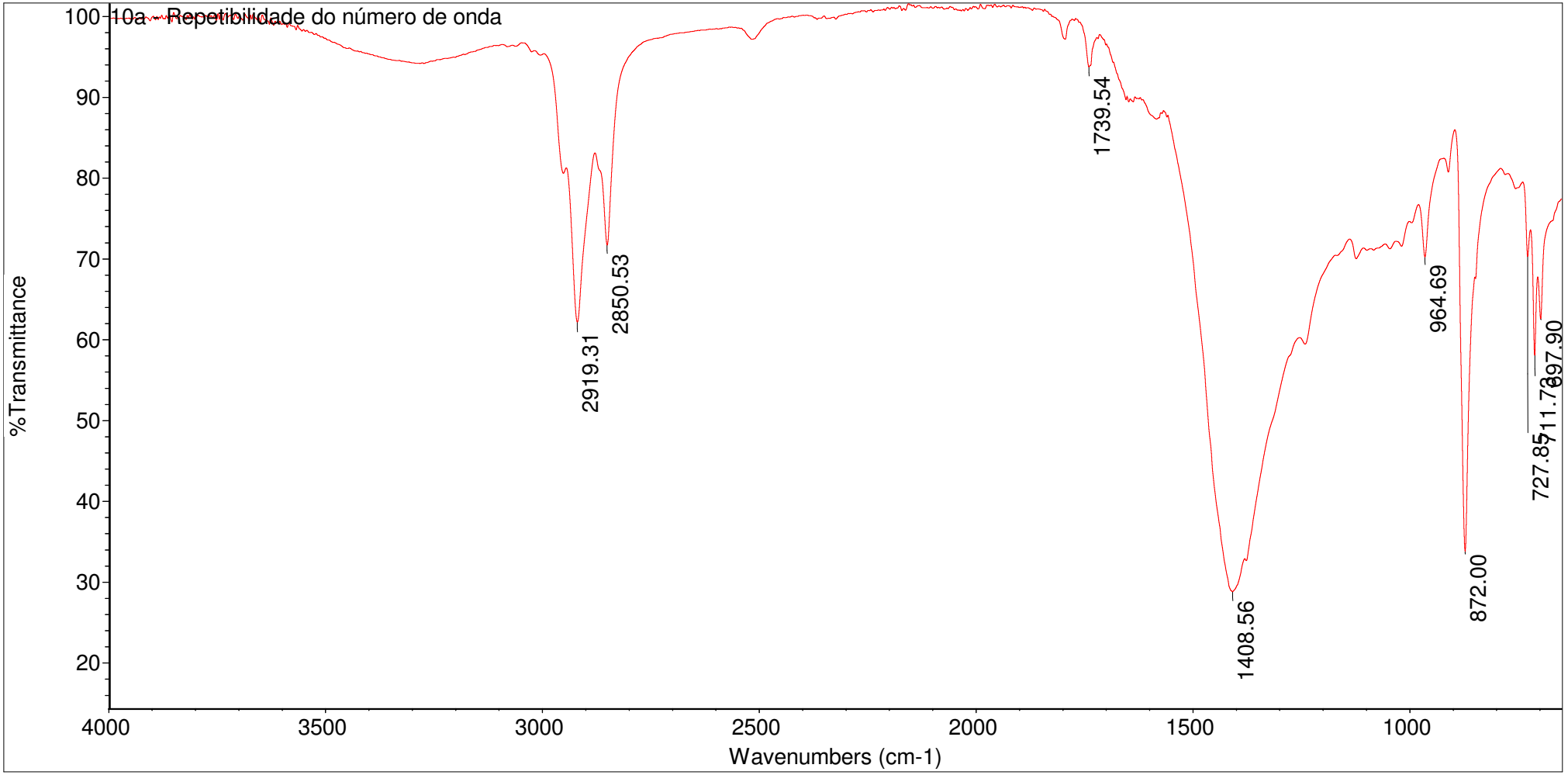
Thu Jul 10 15:08:17 2025 (GMT-03:00)
FIND PEAKS:

Spectrum:	09 - ATR - Resolução	
Region:	900.00	800.00
Absolute threshold:	59.318	
Sensitivity:	50	
Peak list:		

Position:	872.03	Intensity:	33.212


09 - ATR - Resolução
Annotate
09 - ATR - Resolução
Signature: Not signed
% Transmittance
85
80
75
70
65
60
55
50
45
40
35
30
25
872.03
900
890
880
870
860
850
840
830
820
810
Wavenumbers (cm-1)
X:849.747 Y:67.360


09 - ATR - Resolução
Annotate
09 - ATR - Resolução
Signature: Not signed
% Transmittance
85
80
75
70
65
60
55
50
45
40
35
30
25
872.03
900
890
880
870
860
850
840
830
820
810
Wavenumbers (cm-1)
X:872.144 Y:33.279

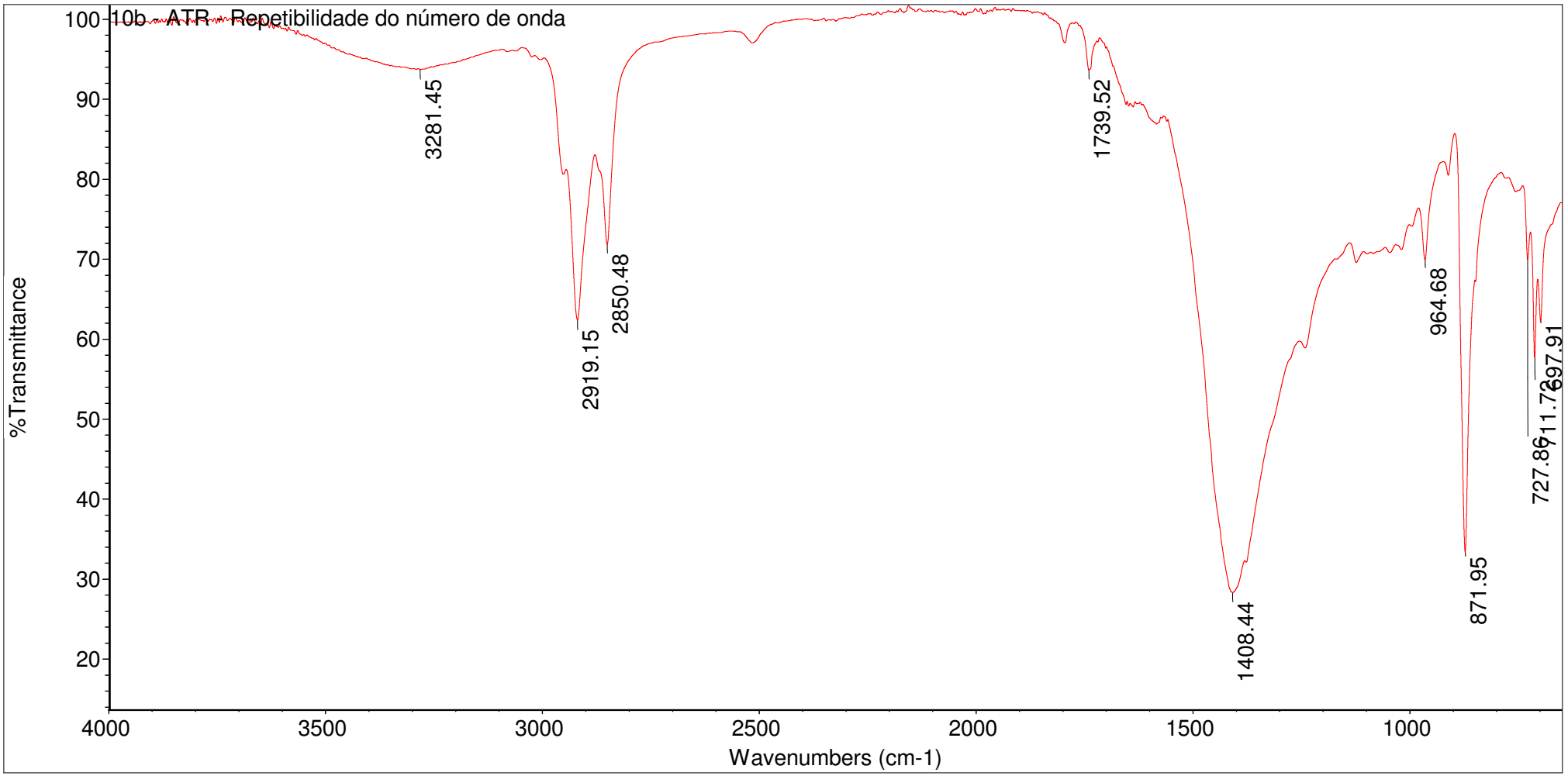


Thu Jul 10 15:17:16 2025 (GMT-03:00)
FIND PEAKS:

Spectrum: 10a - Repetibilidade do número de onda
Region: 4000.00 650.00
Absolute threshold: 95.007
Sensitivity: 50
Peak list:

Position:	697.90	Intensity:	62.497
Position:	711.73	Intensity:	57.965
Position:	727.85	Intensity:	70.233
Position:	872.00	Intensity:	33.722
Position:	964.69	Intensity:	70.191
Position:	1408.56	Intensity:	28.793
Position:	1739.54	Intensity:	93.744
Position:	2850.53	Intensity:	71.659

Position: 2919.31 Intensity: 62.153

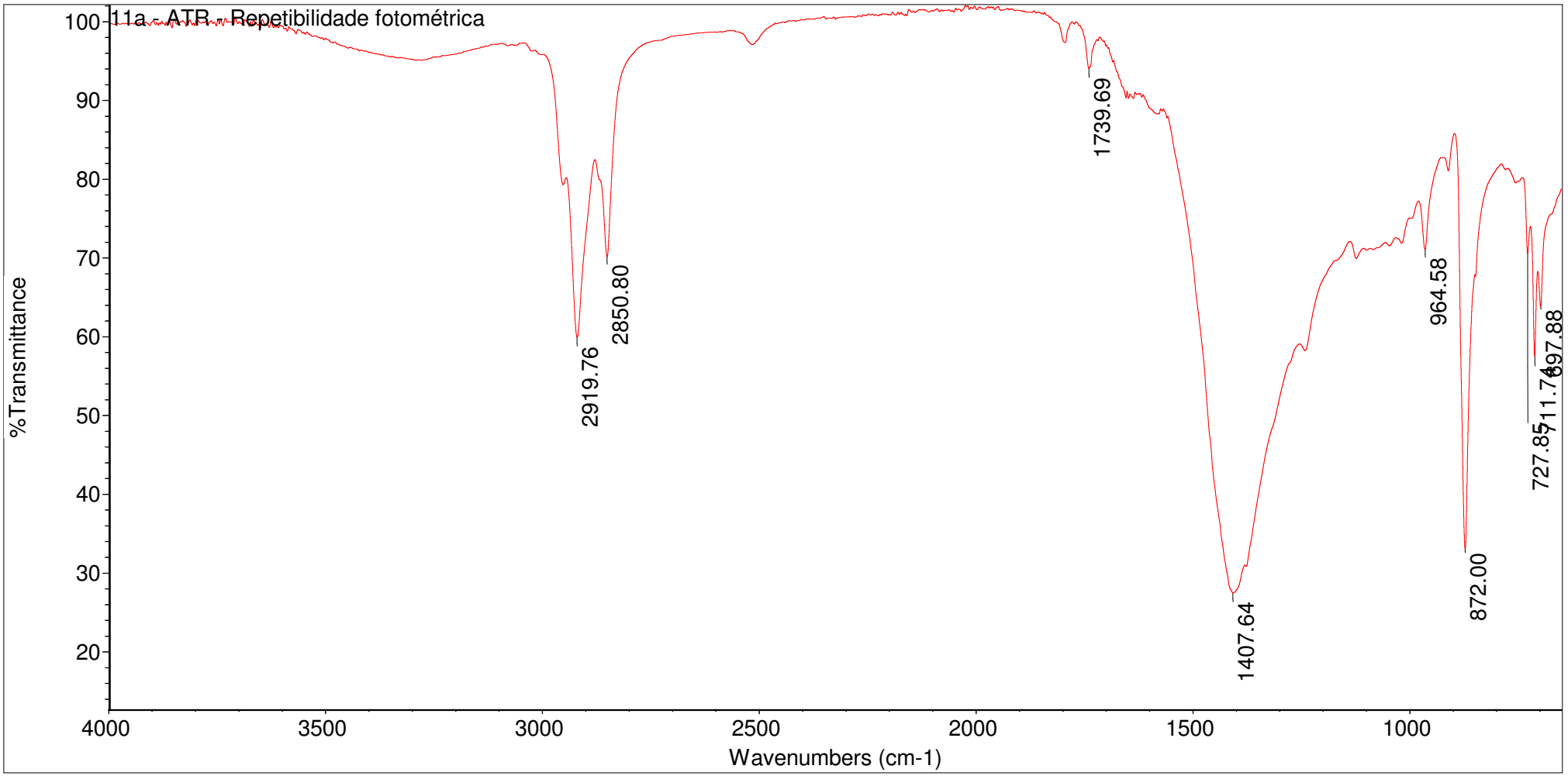


Thu Jul 10 15:20:14 2025 (GMT-03:00)
FIND PEAKS:

Spectrum: 10b - ATR - Repetibilidade do número de onda
Region: 4000.00 650.00
Absolute threshold: 94.330
Sensitivity: 50
Peak list:

Position:	697.91	Intensity:	62.131
Position:	711.72	Intensity:	57.565
Position:	727.86	Intensity:	69.898
Position:	871.95	Intensity:	33.244
Position:	964.68	Intensity:	69.859
Position:	1408.44	Intensity:	28.257
Position:	1739.52	Intensity:	93.609
Position:	2850.48	Intensity:	71.773

Position:	2919.15	Intensity:	62.386
Position:	3281.45	Intensity:	93.679

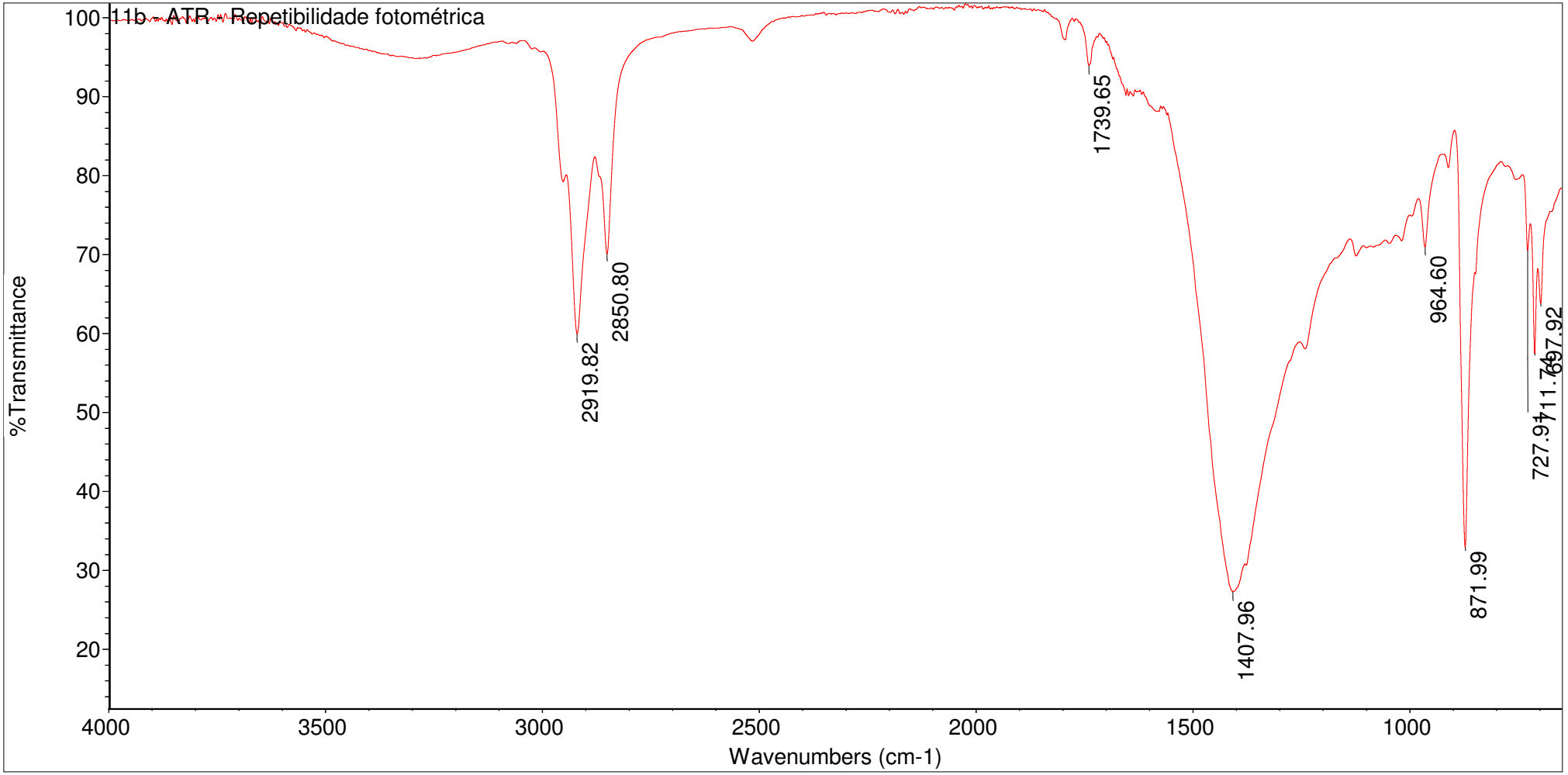


Thu Jul 10 15:22:31 2025 (GMT-03:00)
FIND PEAKS:

Spectrum: 11a - ATR - Repetibilidade fotométrica
Region: 4000.00 650.00
Absolute threshold: 95.113
Sensitivity: 50
Peak list:

Position:	697.88	Intensity:	63.746
Position:	711.74	Intensity:	57.436
Position:	727.85	Intensity:	70.493
Position:	872.00	Intensity:	32.894
Position:	964.58	Intensity:	71.025
Position:	1407.64	Intensity:	27.463
Position:	1739.69	Intensity:	94.022
Position:	2850.80	Intensity:	70.087

Position: 2919.76 Intensity: 59.890

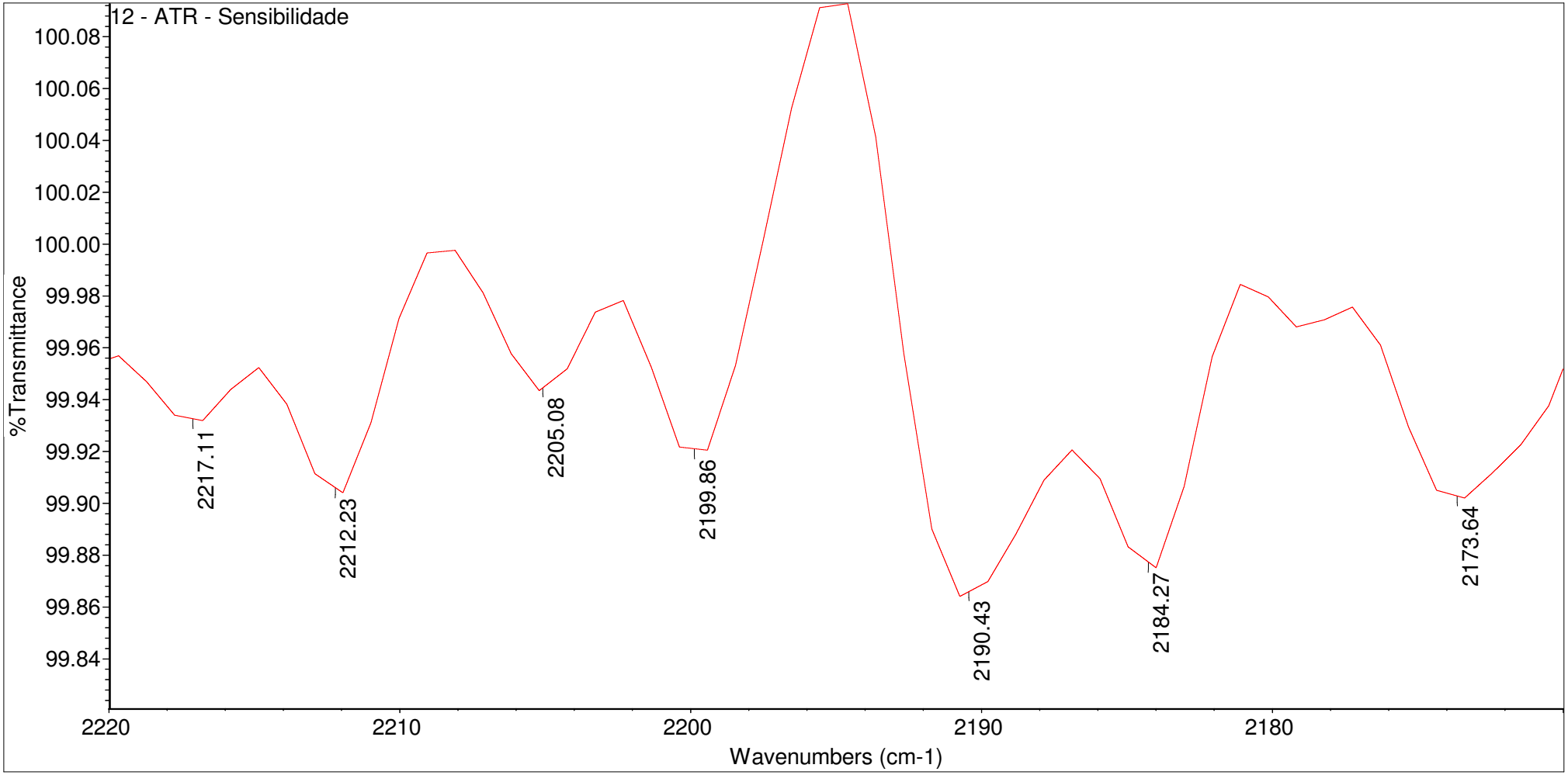


Thu Jul 10 15:24:16 2025 (GMT-03:00)
FIND PEAKS:

Spectrum: 11b - ATR - Repetibilidade fotométrica
Region: 4000.00 650.00
Absolute threshold: 95.389
Sensitivity: 50
Peak list:

Position:	697.92	Intensity:	63.738
Position:	711.74	Intensity:	57.312
Position:	727.91	Intensity:	70.438
Position:	871.99	Intensity:	32.799
Position:	964.60	Intensity:	70.915
Position:	1407.96	Intensity:	27.265
Position:	1739.65	Intensity:	93.933
Position:	2850.80	Intensity:	70.056

Position: 2919.82 Intensity: 59.941



Thu Jul 10 15:47:28 2025 (GMT-03:00)
FIND PEAKS:

Spectrum:	12 - ATR - Sensibilidade			
Region:	2220.00	2170.00		
Absolute threshold:	99.978			
Sensitivity:	50			
Peak list:				
	Position:	2173.64	Intensity:	99.901
	Position:	2184.27	Intensity:	99.873
	Position:	2190.43	Intensity:	99.862
	Position:	2199.86	Intensity:	99.917
	Position:	2205.08	Intensity:	99.943
	Position:	2212.23	Intensity:	99.903
	Position:	2217.11	Intensity:	99.931