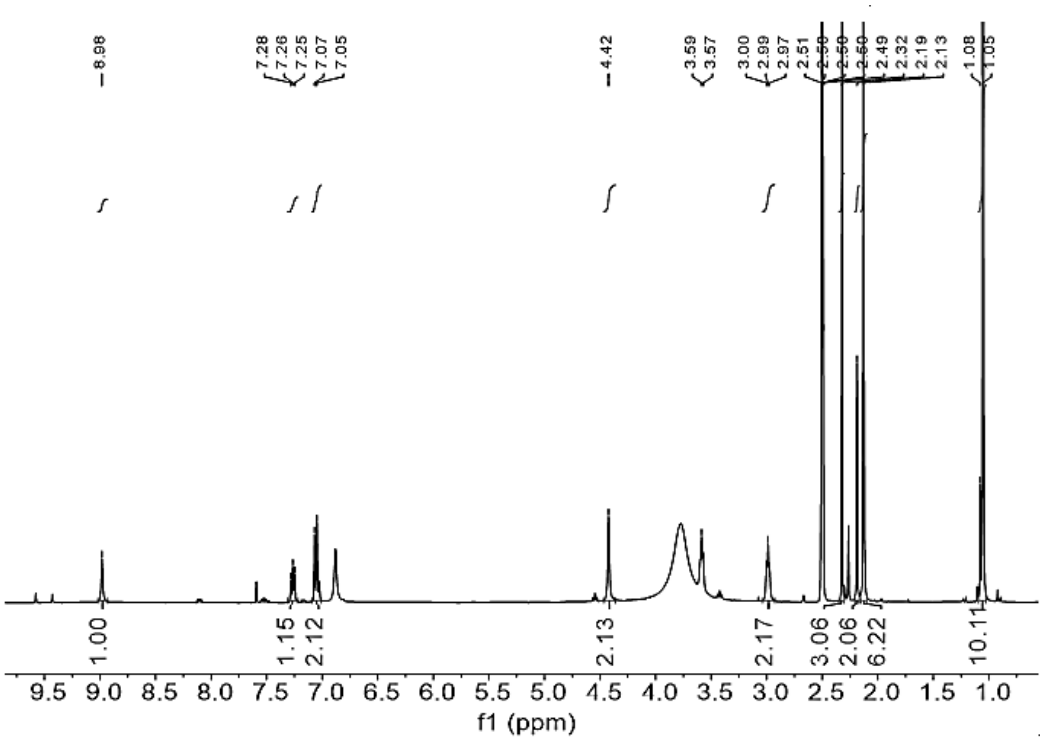

8.98
7.28
7.26
7.25
7.07
7.05
4.42
3.59
3.57
3.00
2.99
2.97
2.51
2.50
2.50
2.50
2.49
2.32
2.19
2.13
1.08
1.05
1.00
1.15
2.12
2.13
2.17
3.06
2.06
6.22
10.11
9.5 9.0 8.5 8.0 7.5 7.0 6.5 6.0 5.5 5.0 4.5 4.0 3.5 3.0 2.5 2.0 1.5 1.0
f1 (ppm)

FIG. 1

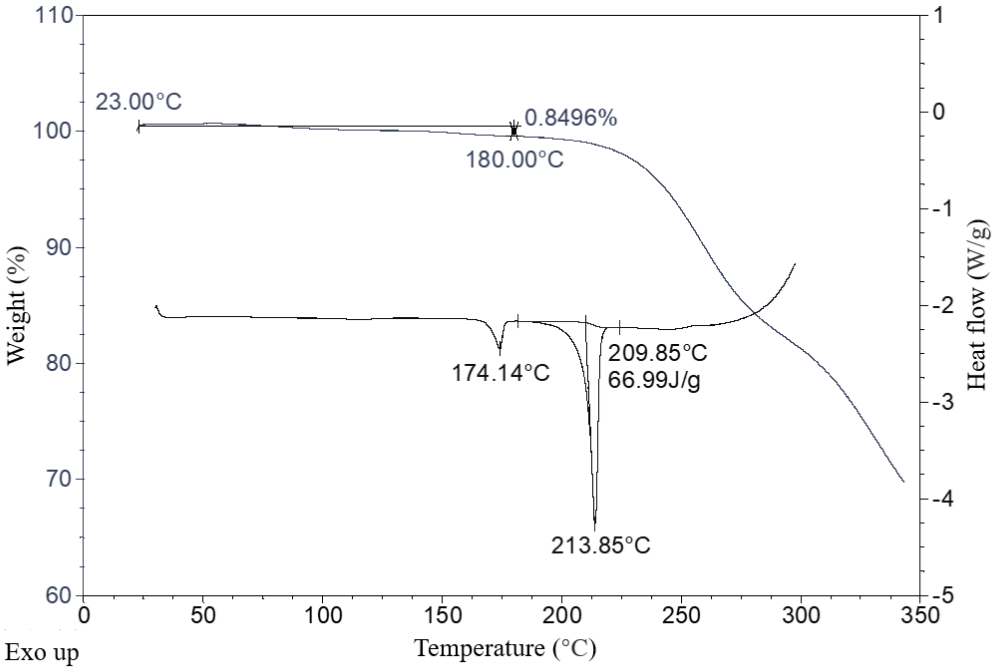

23.00°C
0.8496%
180.00°C
174.14°C
209.85°C
66.99J/g
213.85°C
Weight (%)
Heat flow (W/g)
Temperature (°C)
Exo up
110
100
90
80
70
60
1
0
-1
-2
-3
-4
-5
0
50
100
150
200
250
300
350

FIG. 2

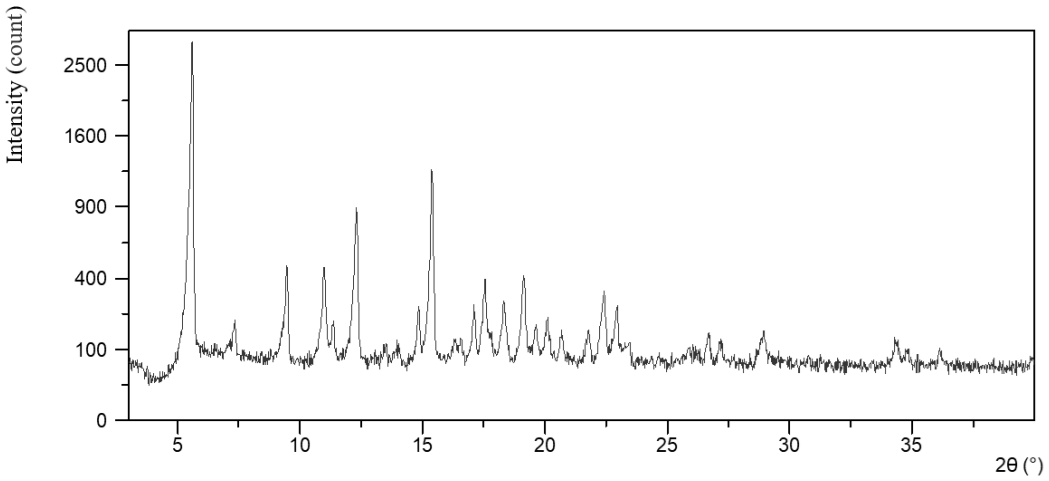

Intensity (count)
2500
1600
900
400
100
0
5
10
15
20
25
30
35
2θ (°)

FIG. 3

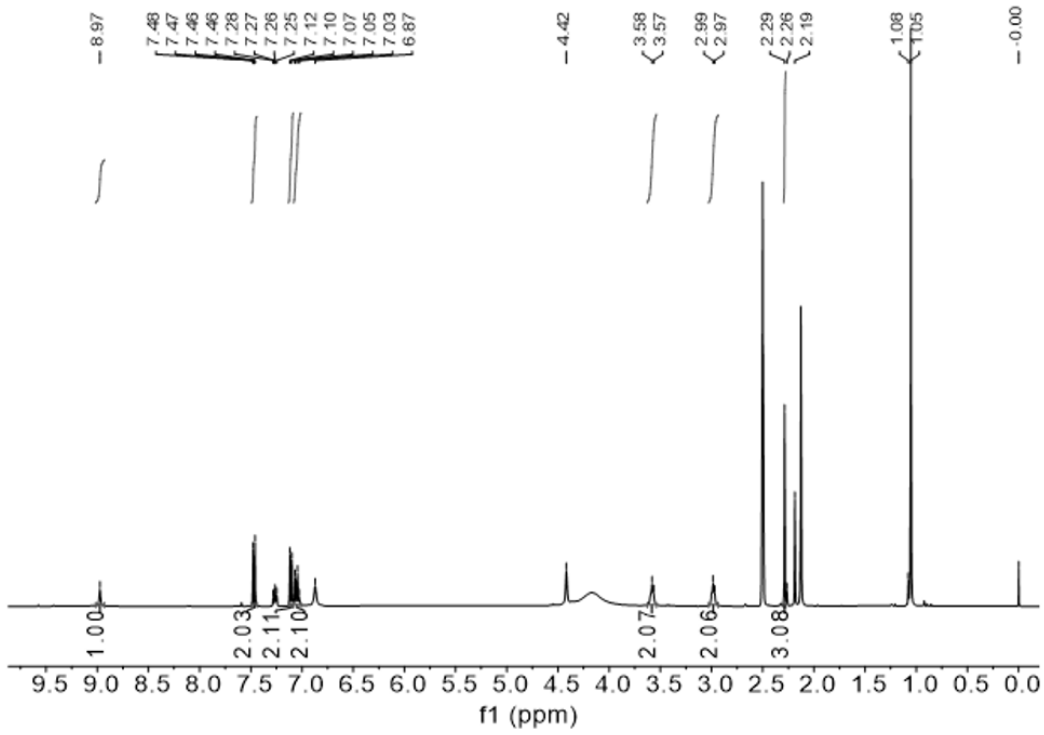

8.97
7.48
7.47
7.46
7.46
7.28
7.27
7.26
7.25
7.12
7.10
7.07
7.05
7.03
6.87
4.42
3.58
3.57
2.99
2.97
2.29
2.26
2.19
1.08
1.05
0.00
1.00
2.03
2.11
2.10
2.07
2.06
3.08
9.5 9.0 8.5 8.0 7.5 7.0 6.5 6.0 5.5 5.0 4.5 4.0 3.5 3.0 2.5 2.0 1.5 1.0 0.5 0.0
f1 (ppm)

FIG. 4

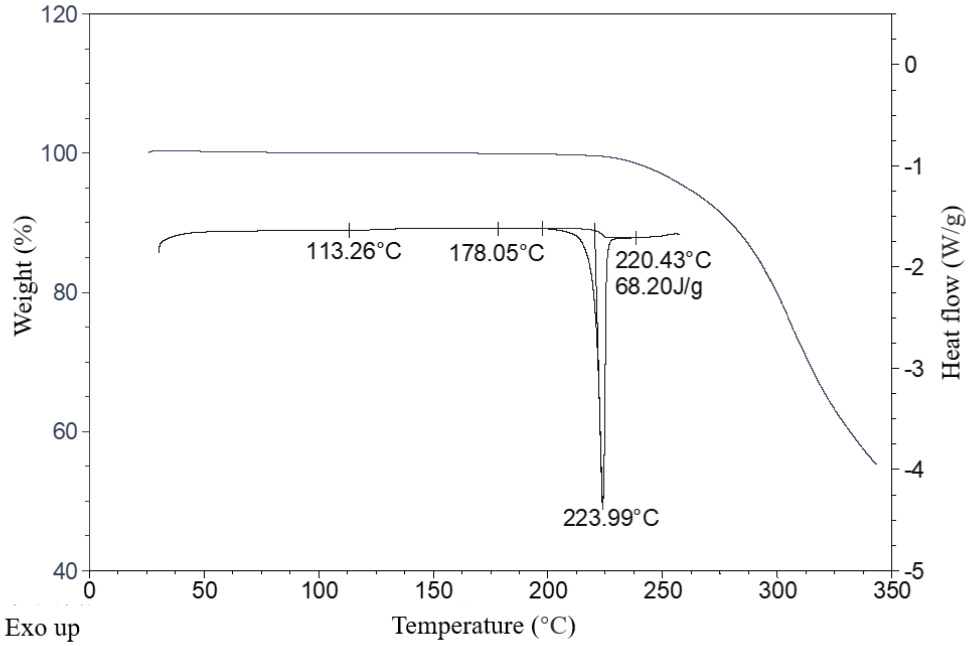

120
100
80
60
40
Weight (%)
0
-1
-2
-3
-4
-5
Heat flow (W/g)
113.26°C
178.05°C
220.43°C
68.20J/g
223.99°C
0
50
100
150
200
250
300
350
Exo up
Temperature (°C)

FIG. 5

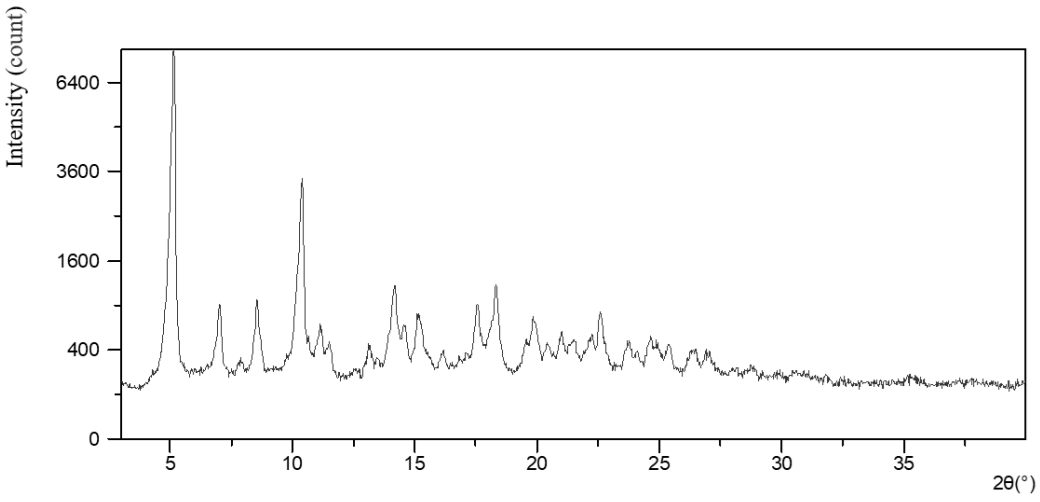

Intensity (count)
6400
3600
1600
400
0
5
10
15
20
25
30
35
2θ(°)

FIG. 6

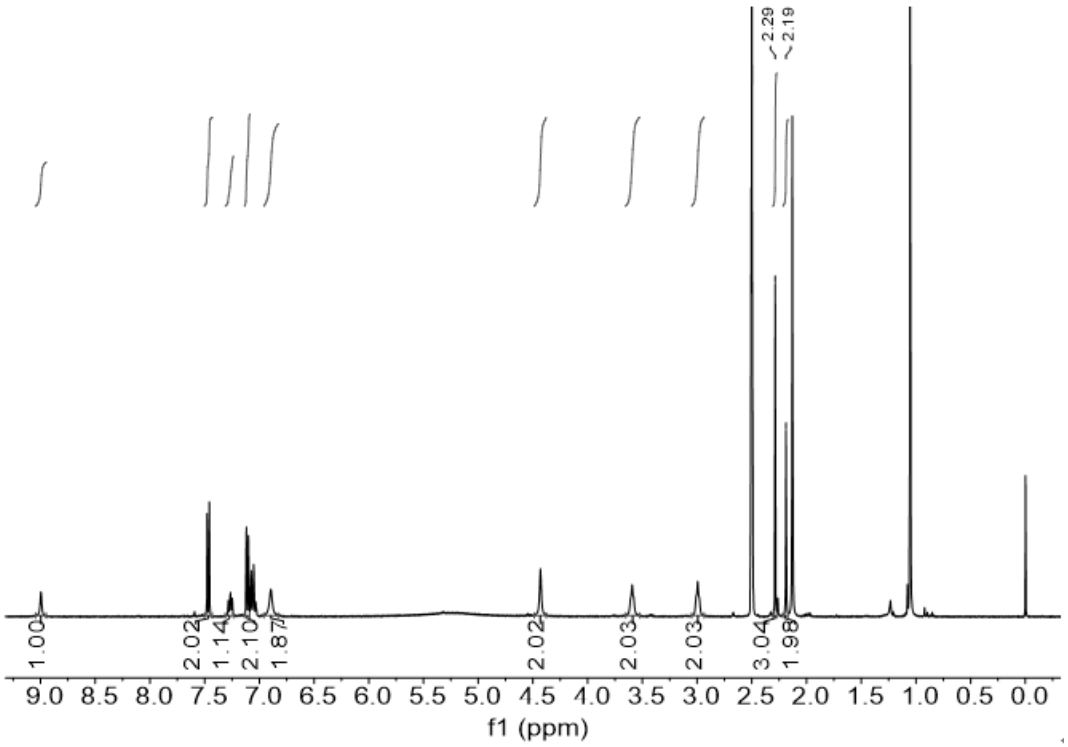

2.29
2.19
1.00
2.02
1.14
2.10
1.87
2.02
2.03
2.03
3.04
1.98
9.0 8.5 8.0 7.5 7.0 6.5 6.0 5.5 5.0 4.5 4.0 3.5 3.0 2.5 2.0 1.5 1.0 0.5 0.0
f1 (ppm)

FIG. 7

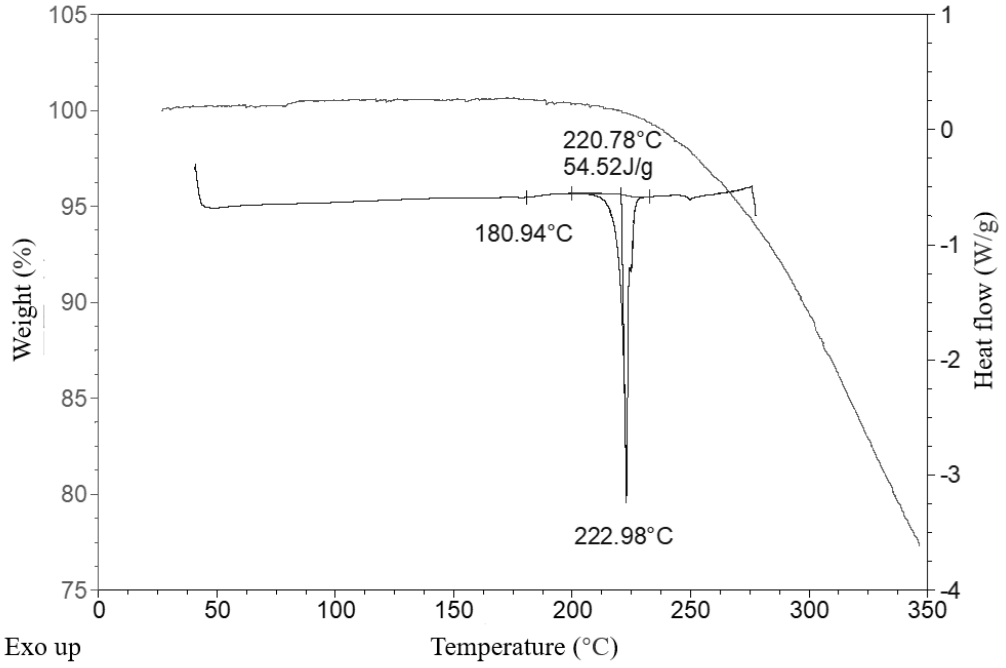

105
100
95
90
85
80
75
Weight (%)
1
0
-1
-2
-3
-4
Heat flow (W/g)
220.78°C
54.52J/g
180.94°C
222.98°C
0
50
100
150
200
250
300
350
Exo up
Temperature (°C)

FIG. 8

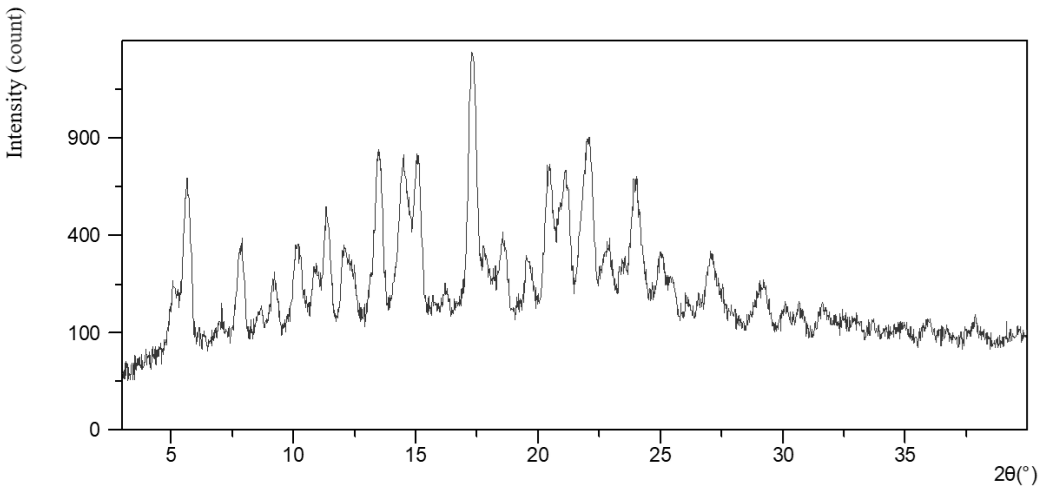

Intensity (count)
900
400
100
0
5
10
15
20
25
30
35
2θ(°)

FIG. 9

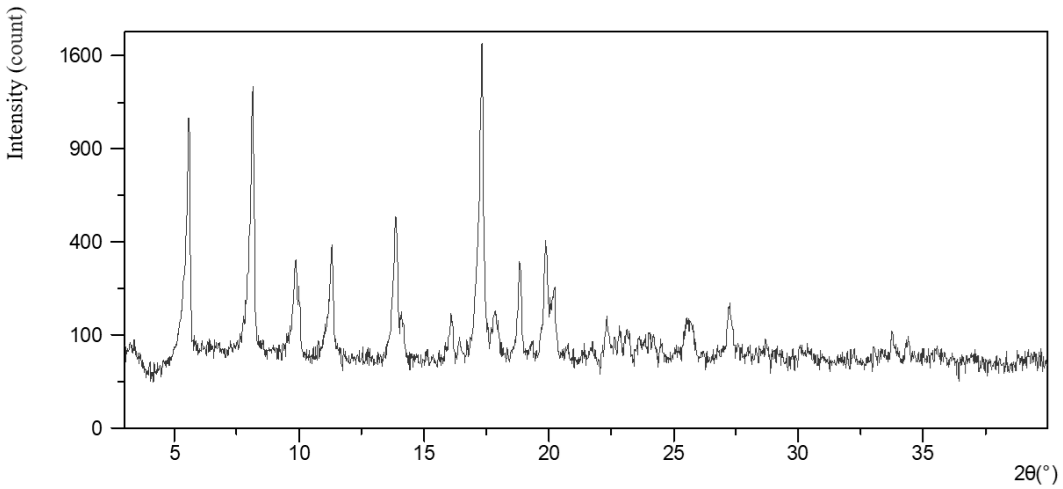

Intensity (count)
1600
900
400
100
0
5
10
15
20
25
30
35
2θ(°)

FIG. 10

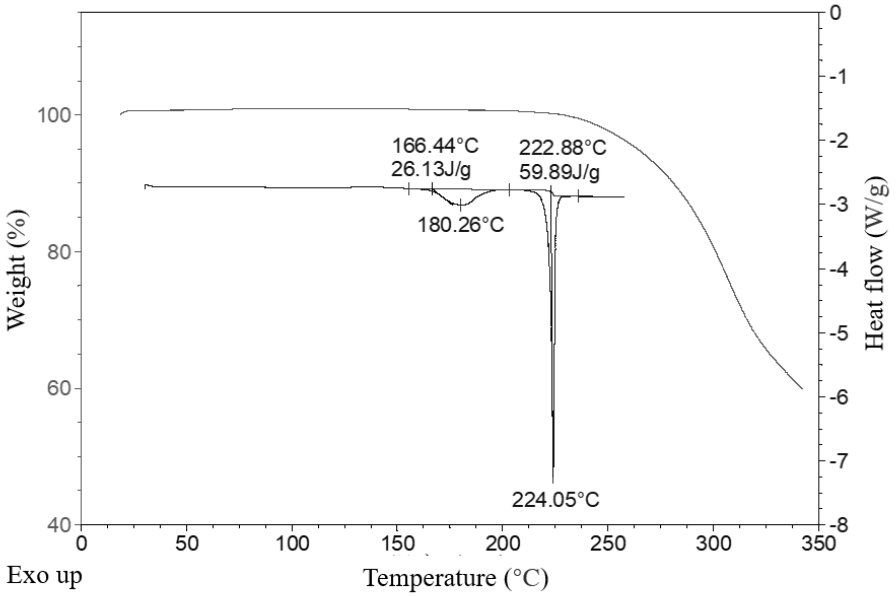

166.44°C
26.13J/g
222.88°C
59.89J/g
180.26°C
224.05°C
Weight (%)
Heat flow (W/g)
Temperature (°C)
Exo up

FIG. 11

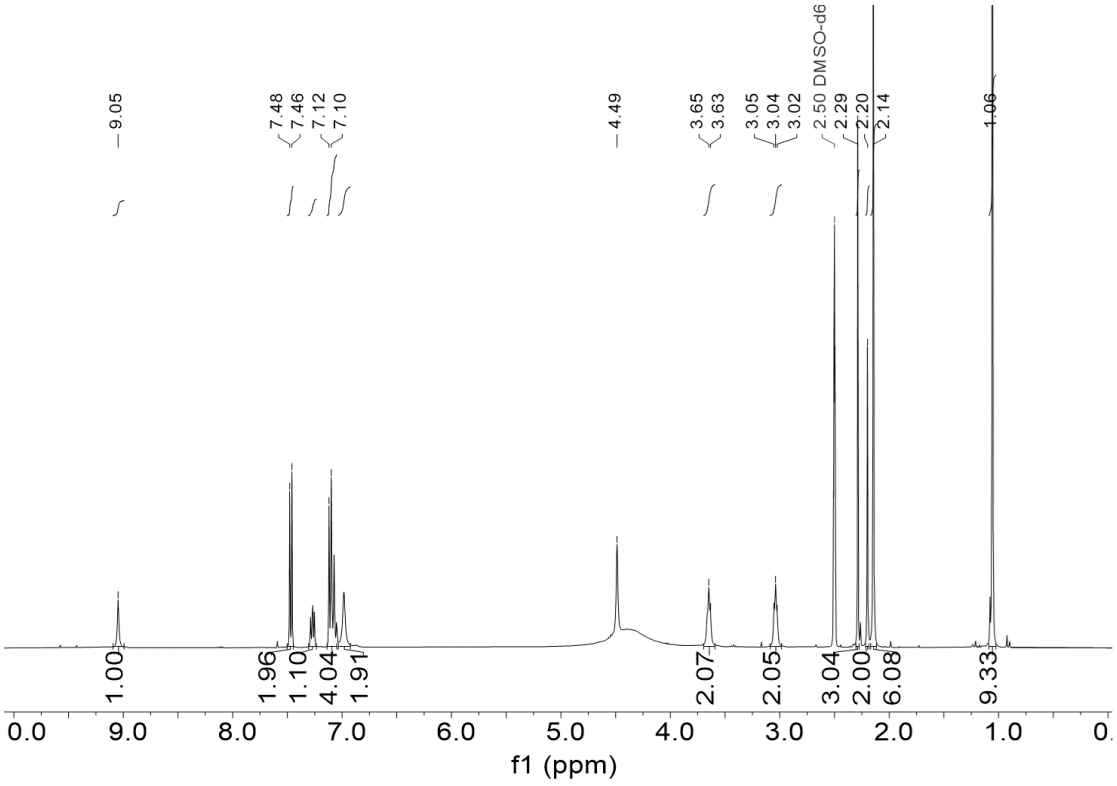

9.05
7.48
7.46
7.12
7.10
4.49
3.65
3.63
3.05
3.04
3.02
2.50 DMSO-d6
2.29
2.20
2.14
1.06
1.00
1.96
1.10
4.04
1.91
2.07
2.05
3.04
2.00
6.08
9.33
f1 (ppm)

FIG. 12

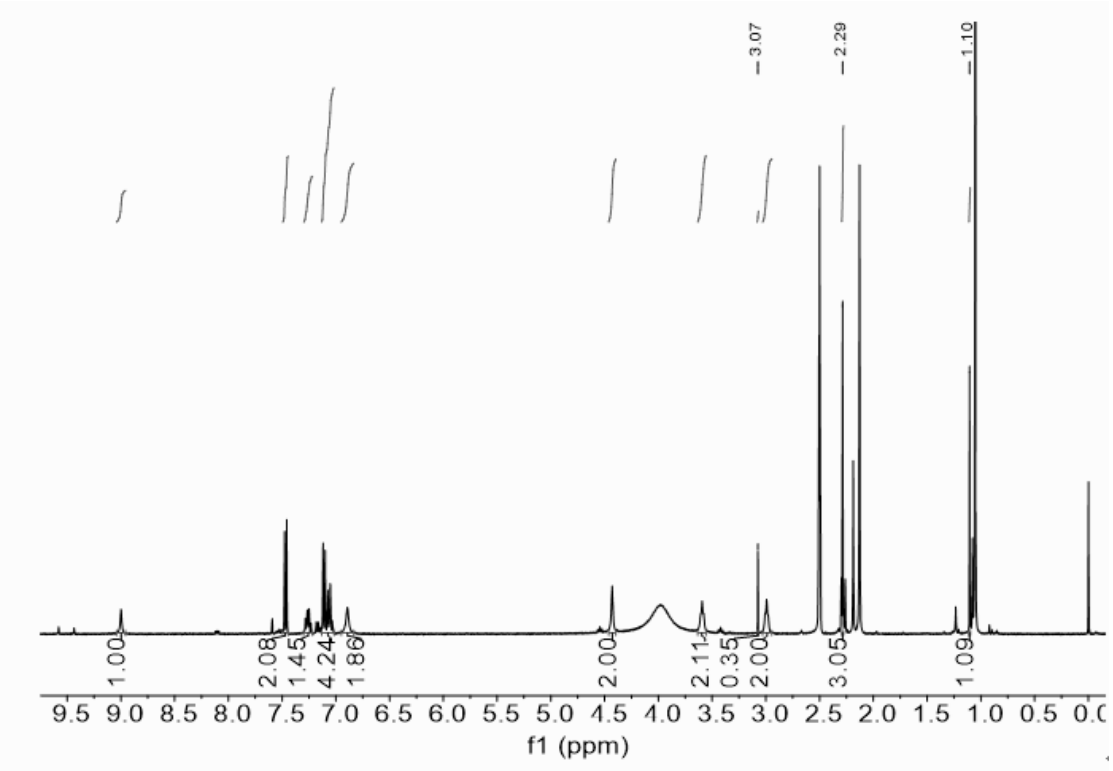

3.07
2.29
1.10
1.00
2.08
1.45
4.24
1.86
2.00
2.11
0.35
2.00
3.05
1.09
9.5 9.0 8.5 8.0 7.5 7.0 6.5 6.0 5.5 5.0 4.5 4.0 3.5 3.0 2.5 2.0 1.5 1.0 0.5 0.0
f1 (ppm)

FIG. 13

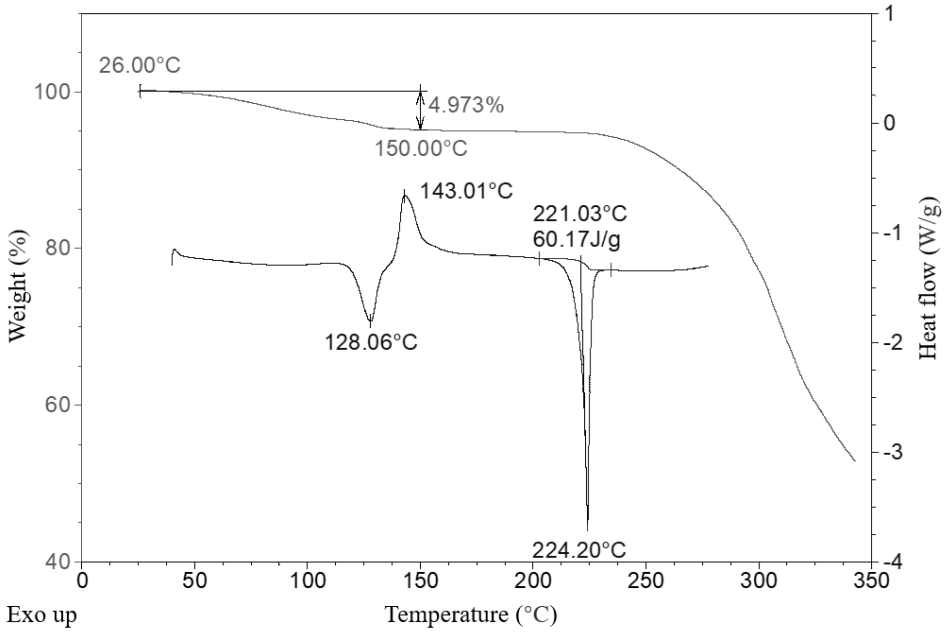

26.00°C
4.973%
150.00°C
143.01°C
221.03°C
60.17J/g
128.06°C
224.20°C
Weight (%)
Heat flow (W/g)
Exo up
Temperature (°C)

FIG. 14

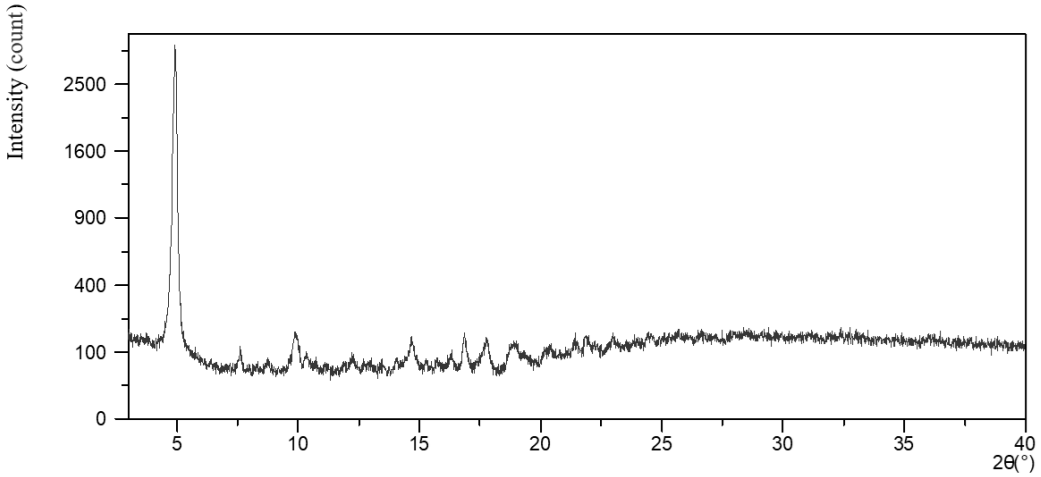

Intensity (count)
2500
1600
900
400
100
0
5
10
15
20
25
30
35
40
2θ(°)

FIG. 15

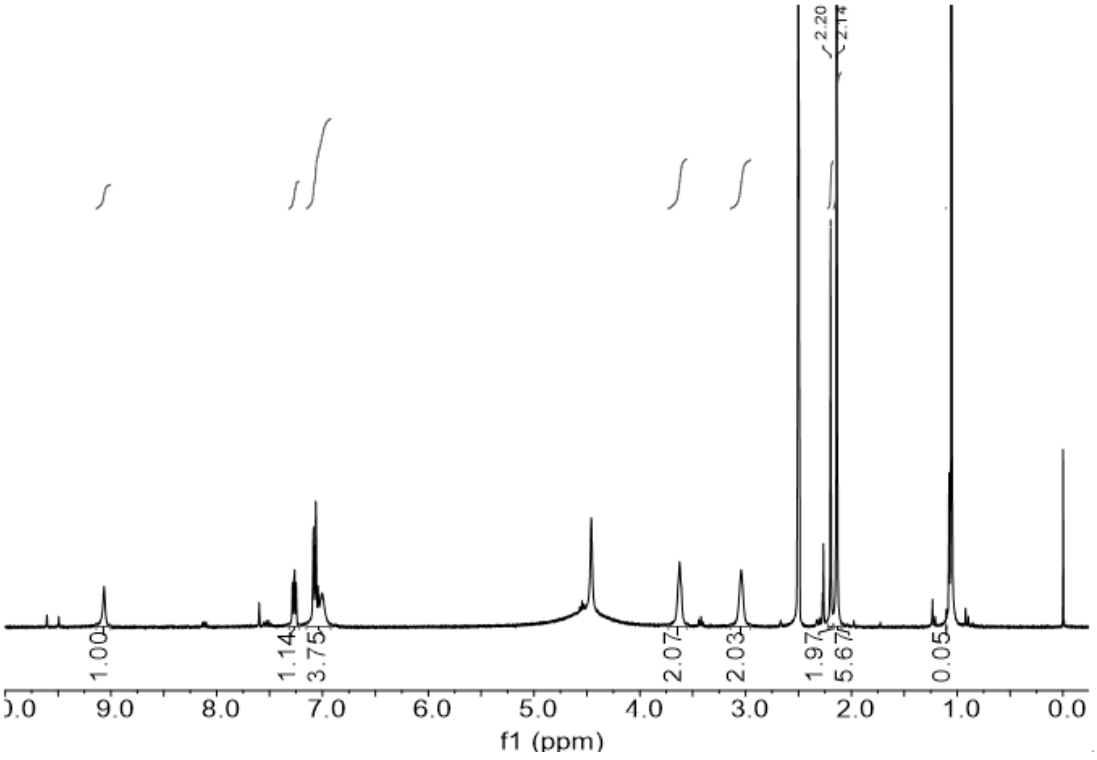

2.20
2.14
1.00
1.14
3.75
2.07
2.03
1.97
5.67
0.05
9.0
8.0
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
f1 (ppm)

FIG. 16

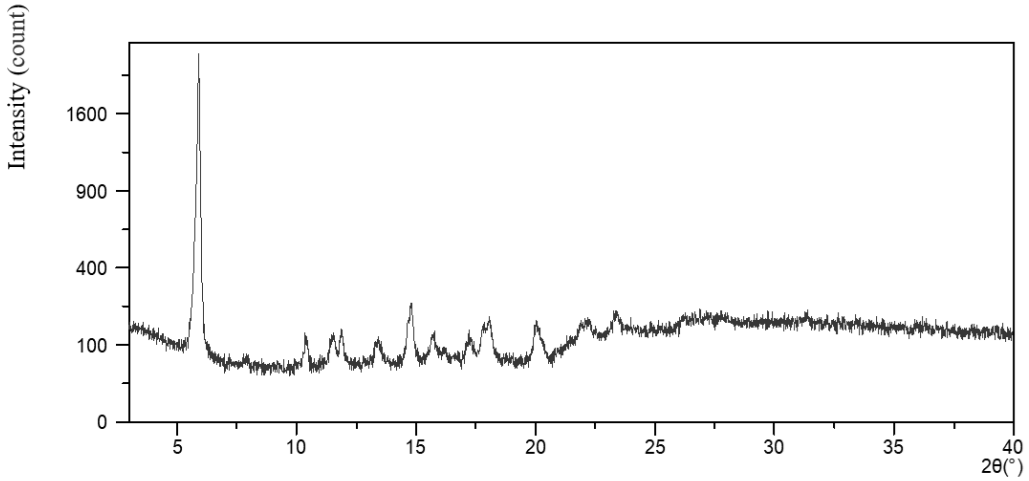

Intensity (count)
1600
900
400
100
0
5
10
15
20
25
30
35
40
2θ(°)

FIG. 17

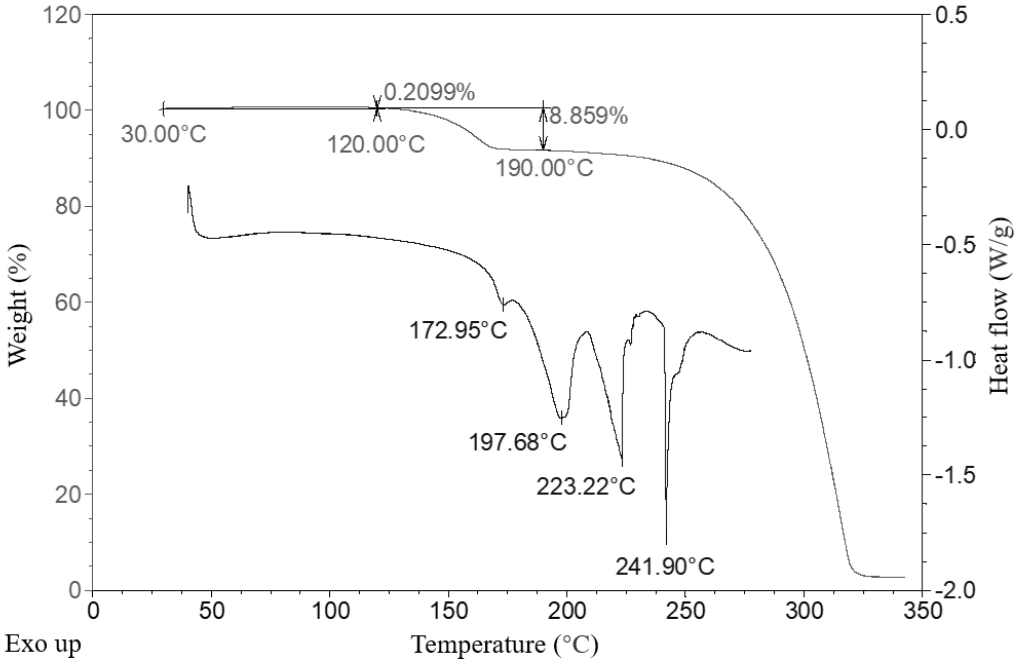

120
100
80
60
40
20
0
Weight (%)
0.5
0.0
-0.5
-1.0
-1.5
-2.0
Heat flow (W/g)
0.2099%
8.859%
30.00°C
120.00°C
190.00°C
172.95°C
197.68°C
223.22°C
241.90°C
0
50
100
150
200
250
300
350
Exo up
Temperature (°C)

FIG. 18

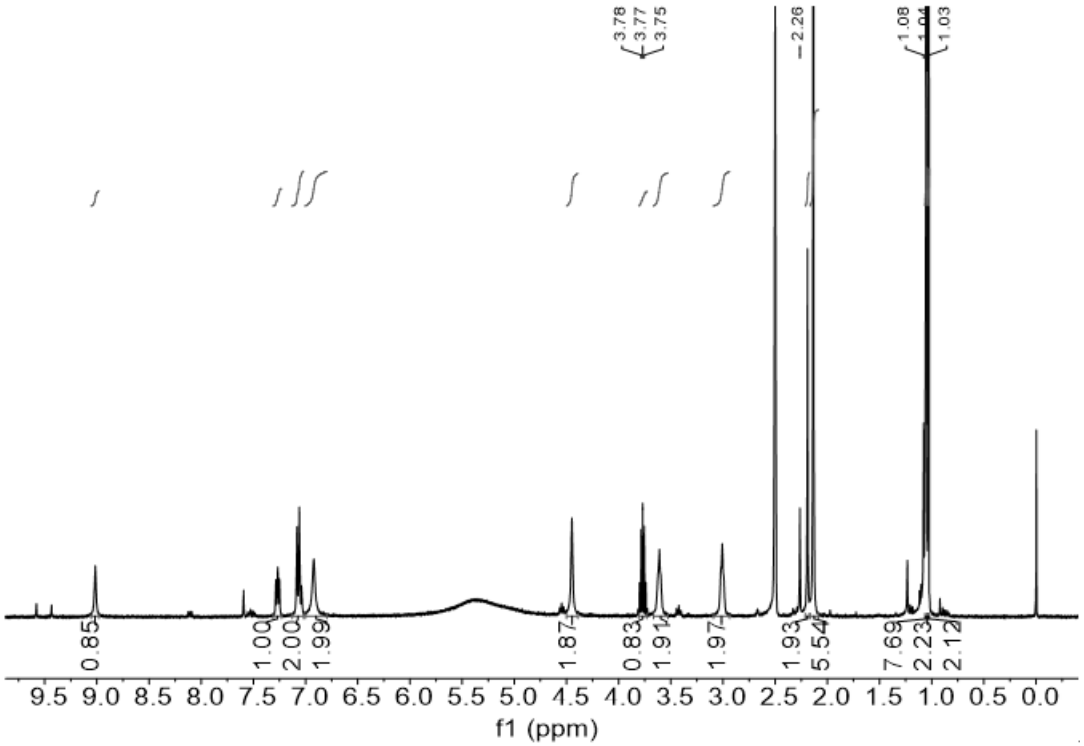

3.78
3.77
3.75
2.26
1.08
1.04
1.03
0.85
1.00
2.00
1.99
1.87
0.83
1.91
1.97
1.93
5.54
7.69
2.23
2.12
9.5 9.0 8.5 8.0 7.5 7.0 6.5 6.0 5.5 5.0 4.5 4.0 3.5 3.0 2.5 2.0 1.5 1.0 0.5 0.0
f1 (ppm)

FIG. 19

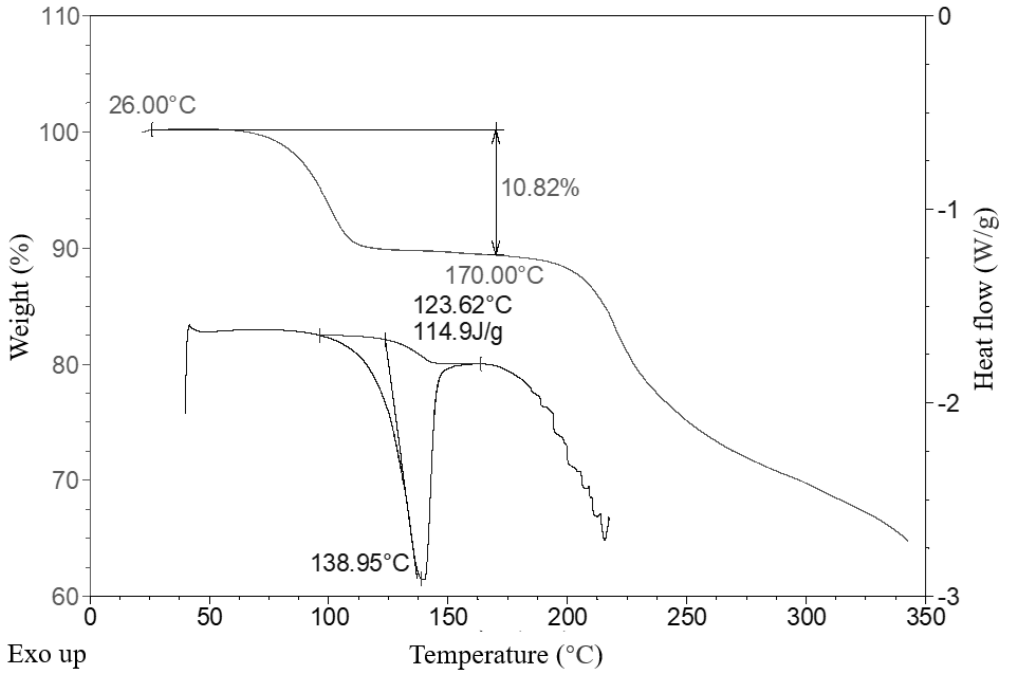

26.00°C
10.82%
170.00°C
123.62°C
114.9J/g
138.95°C
Weight (%)
Heat flow (W/g)
Exo up
Temperature (°C)
110
100
90
80
70
60
0
-1
-2
-3
0
50
100
150
200
250
300
350

FIG. 20

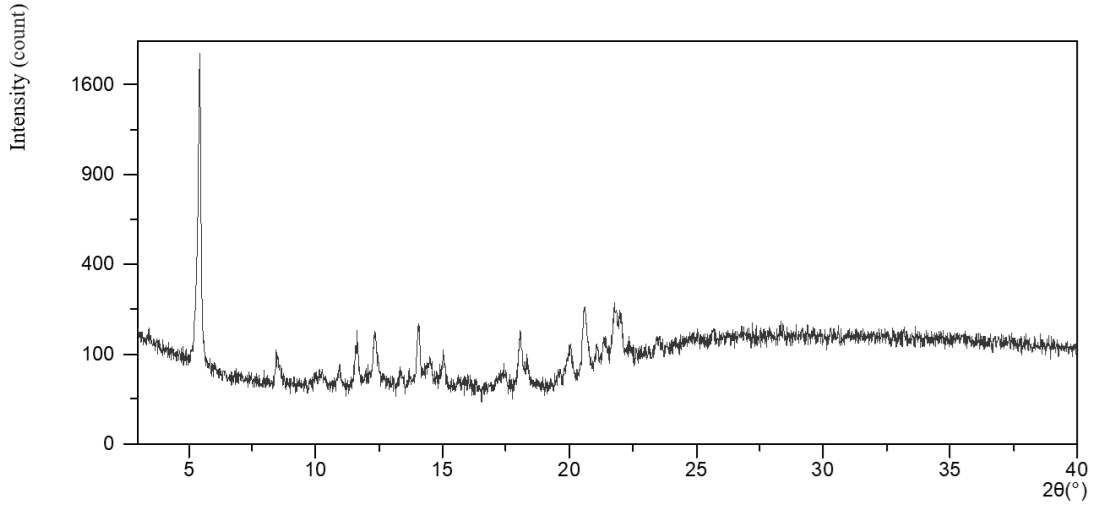

Intensity (count)
1600
900
400
100
0
5
10
15
20
25
30
35
40
2θ(°)

FIG. 21

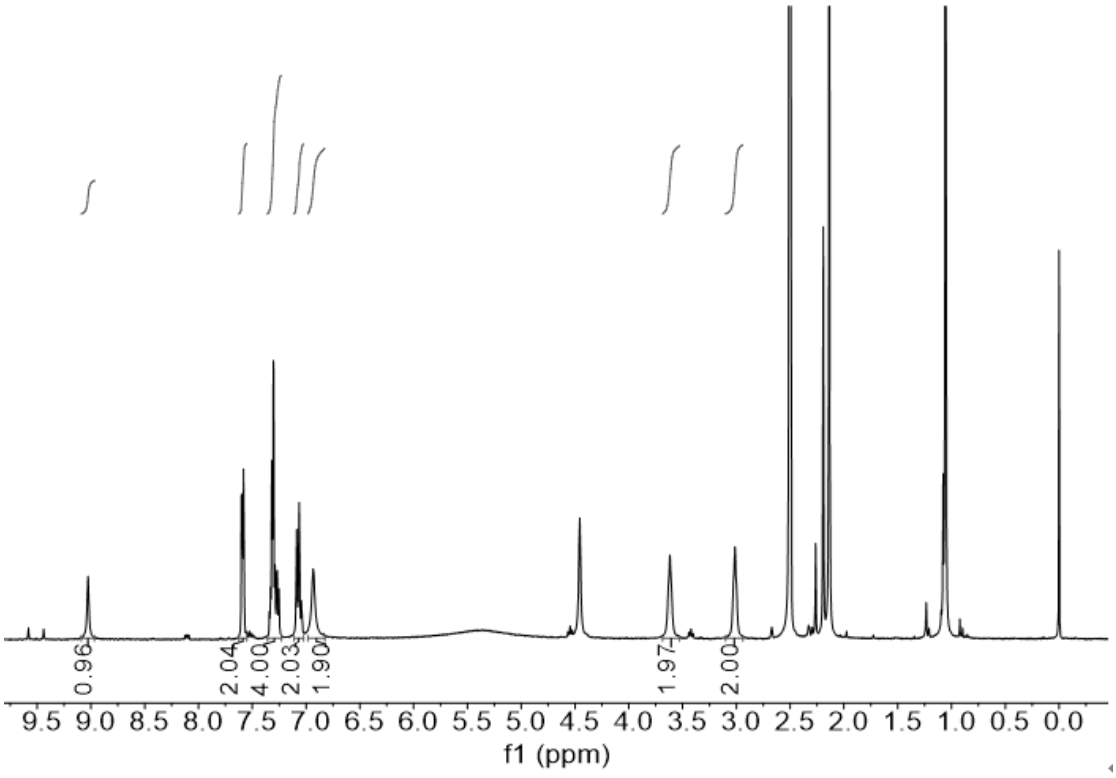

0.96
2.04
4.00
2.03
1.90
1.97
2.00
9.5 9.0 8.5 8.0 7.5 7.0 6.5 6.0 5.5 5.0 4.5 4.0 3.5 3.0 2.5 2.0 1.5 1.0 0.5 0.0
f1 (ppm)

FIG. 22

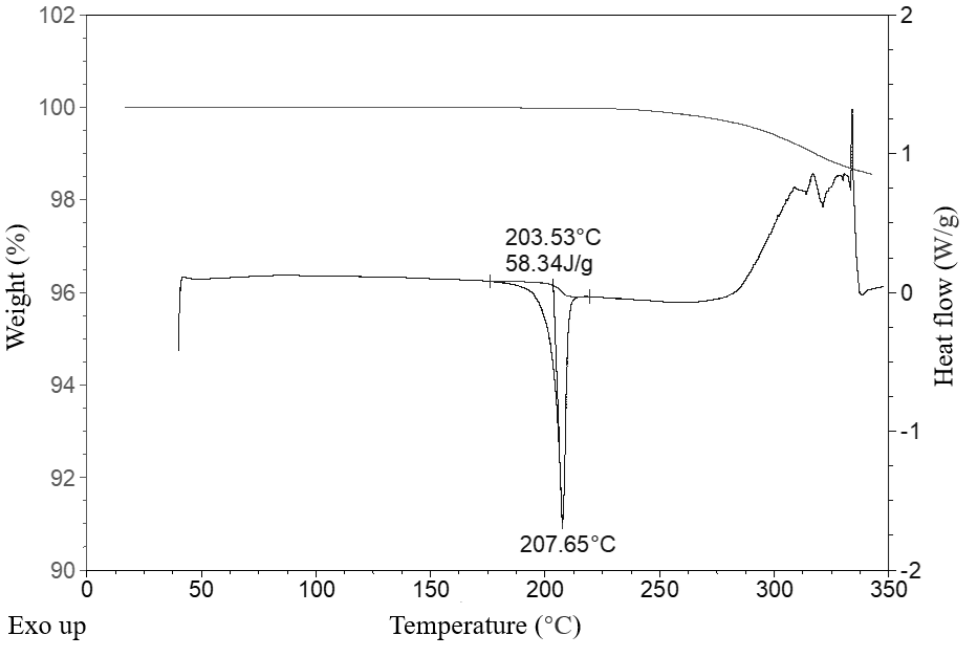

102
100
98
96
94
92
90
Weight (%)
2
1
0
-1
-2
Heat flow (W/g)
203.53°C
58.34J/g
207.65°C
0
50
100
150
200
250
300
350
Exo up
Temperature (°C)

FIG. 23

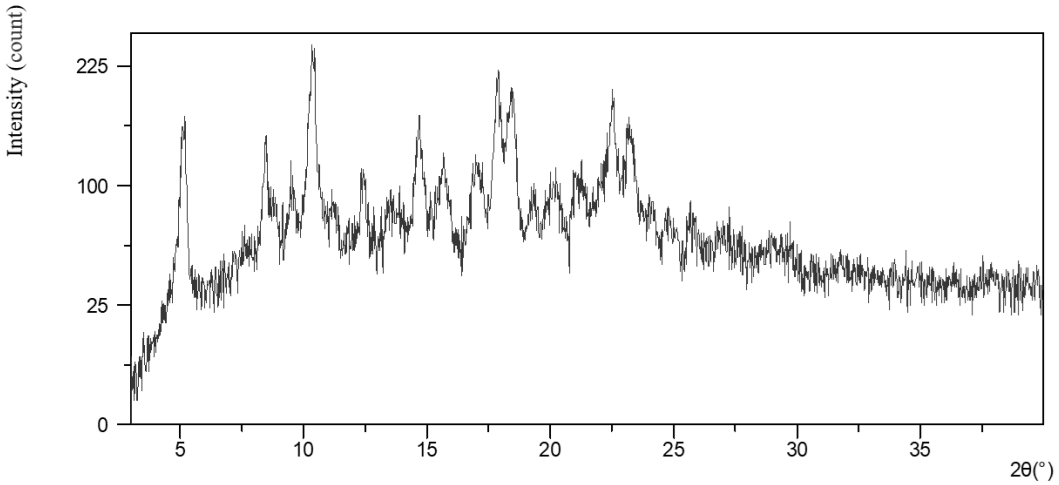

Intensity (count)
225
100
25
0
5
10
15
20
25
30
35
2θ(°)

FIG. 24

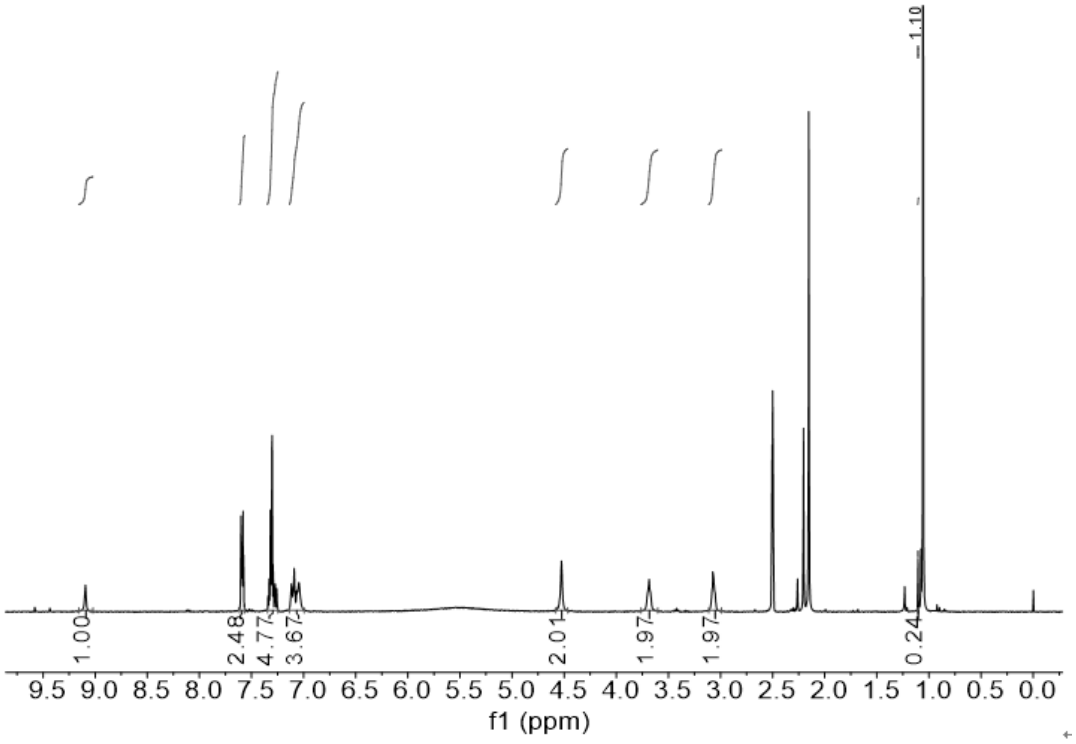

1.10
1.00
2.48
4.77
3.67
2.01
1.97
1.97
0.24
9.5 9.0 8.5 8.0 7.5 7.0 6.5 6.0 5.5 5.0 4.5 4.0 3.5 3.0 2.5 2.0 1.5 1.0 0.5 0.0
f1 (ppm)

FIG. 25

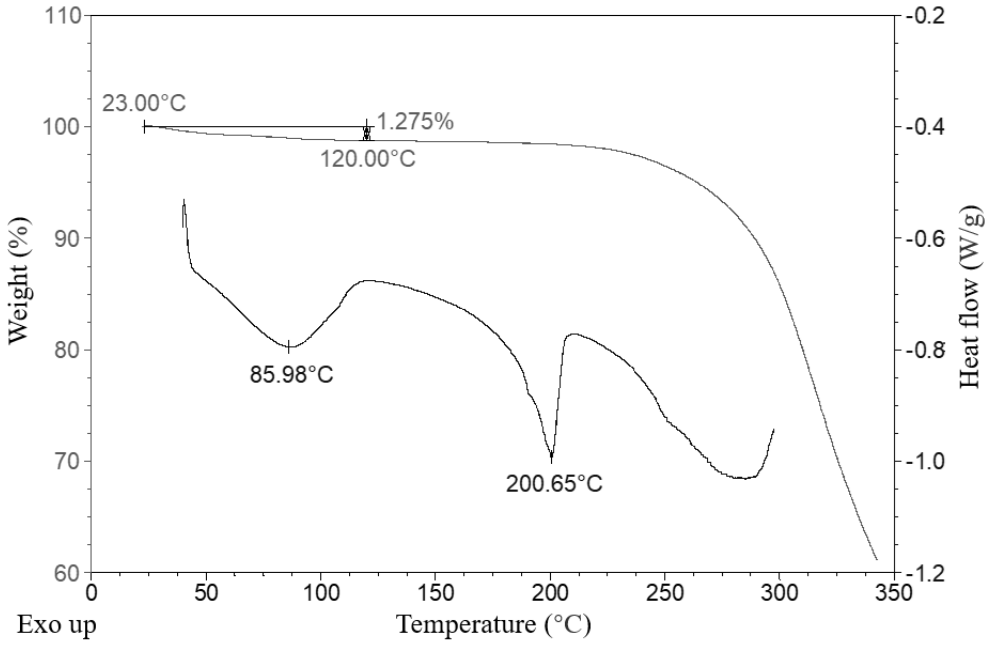

23.00°C
1.275%
120.00°C
85.98°C
200.65°C
Weight (%)
Heat flow (W/g)
Exo up
Temperature (°C)
110
100
90
80
70
60
-0.2
-0.4
-0.6
-0.8
-1.0
-1.2
0
50
100
150
200
250
300
350

FIG. 26

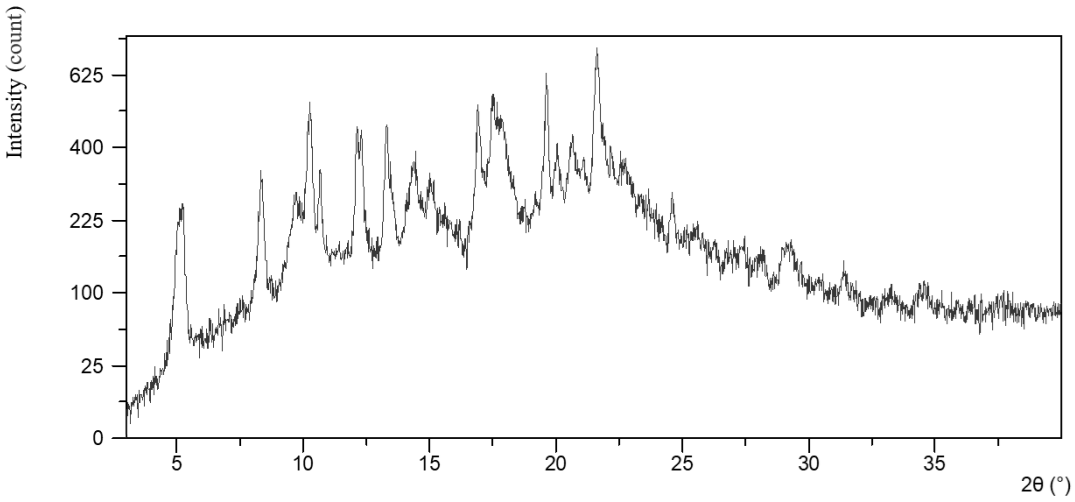

Intensity (count)
625
400
225
100
25
0
5
10
15
20
25
30
35
2θ (°)

FIG. 27

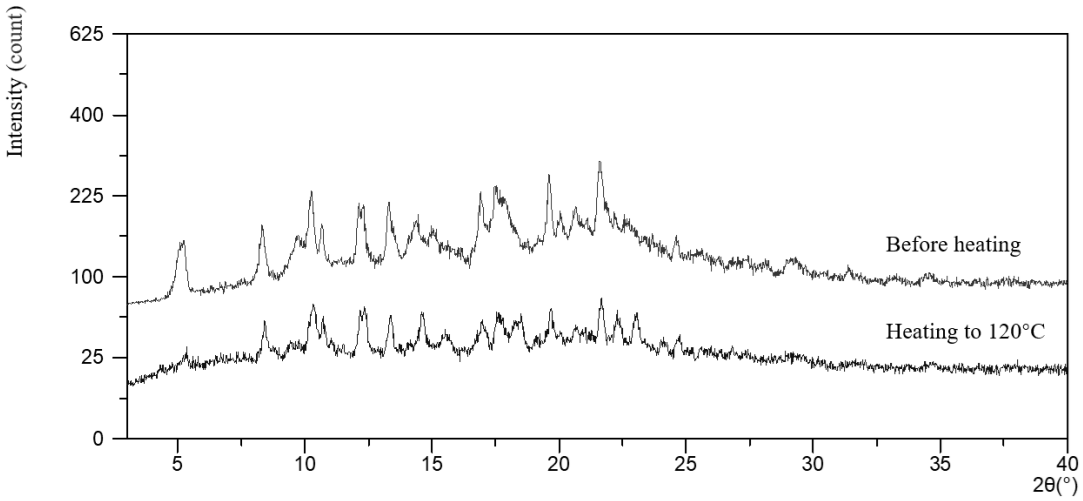

Intensity (count)
625
400
225
100
25
0
5
10
15
20
25
30
35
40
2θ(°)
Before heating
Heating to 120°C

FIG. 28

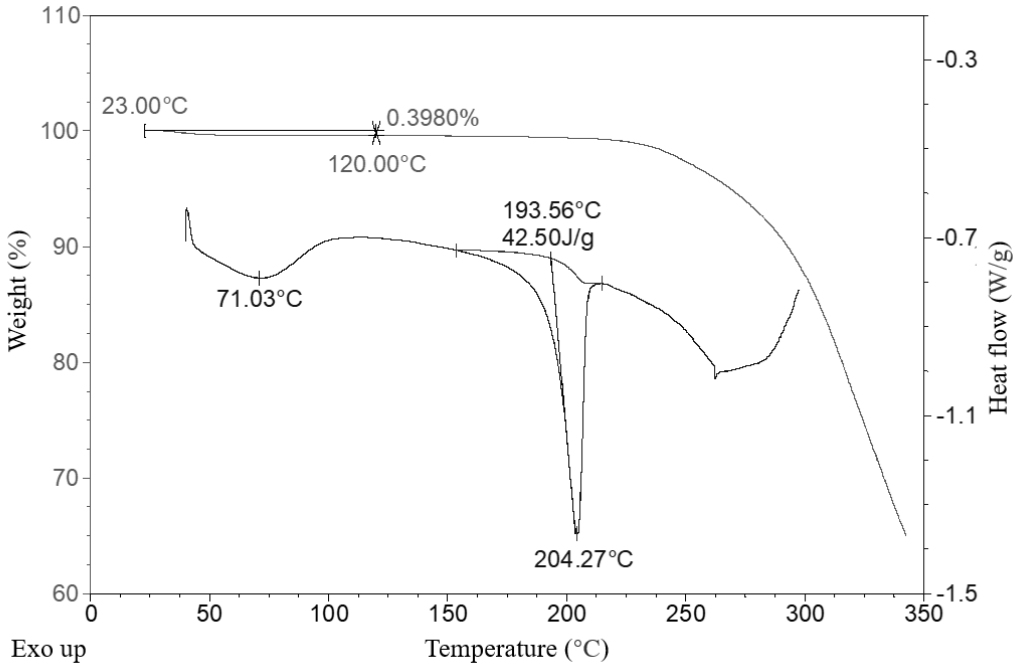

23.00°C
0.3980%
120.00°C
193.56°C
42.50J/g
71.03°C
204.27°C
Weight (%)
Heat flow (W/g)
Exo up
Temperature (°C)

FIG. 29

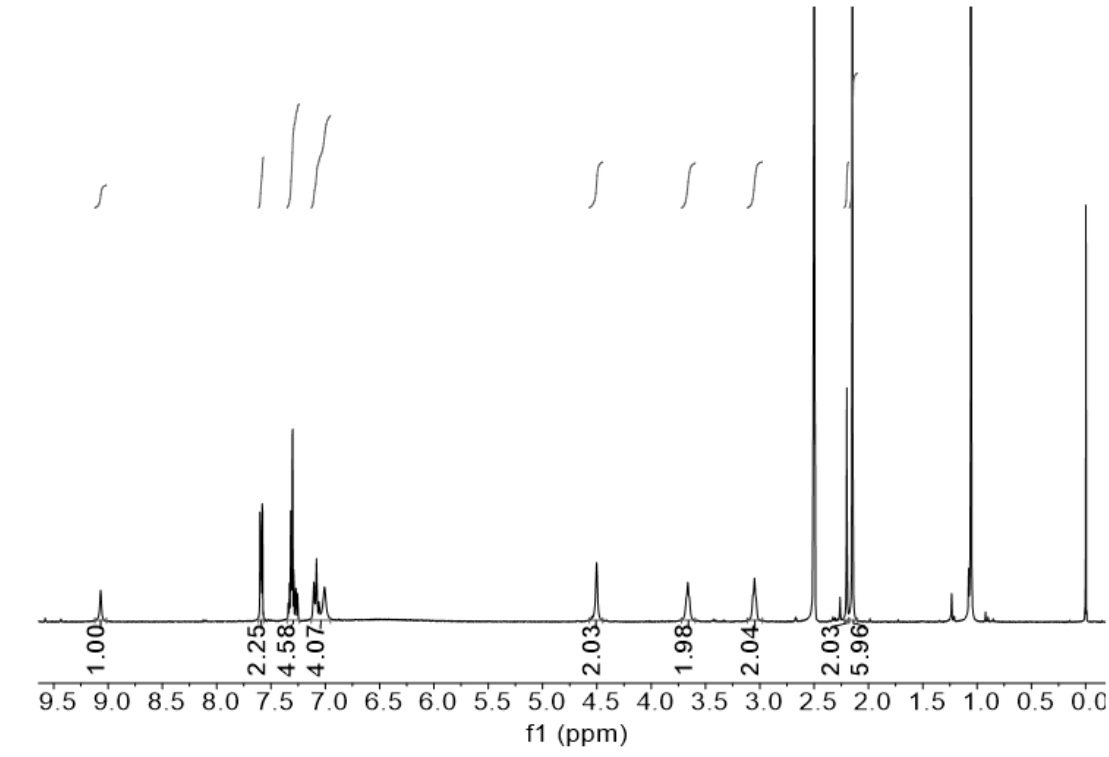

1.00
2.25
4.58
4.07
2.03
1.98
2.04
2.03
5.96
f1 (ppm)

FIG. 30

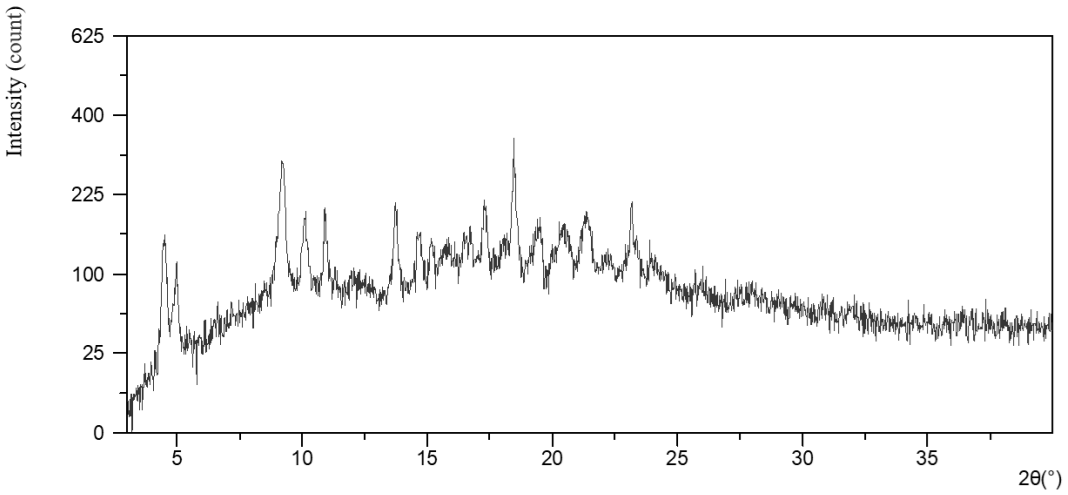

Intensity (count)
625
400
225
100
25
0
5
10
15
20
25
30
35
2θ(°)

FIG. 31

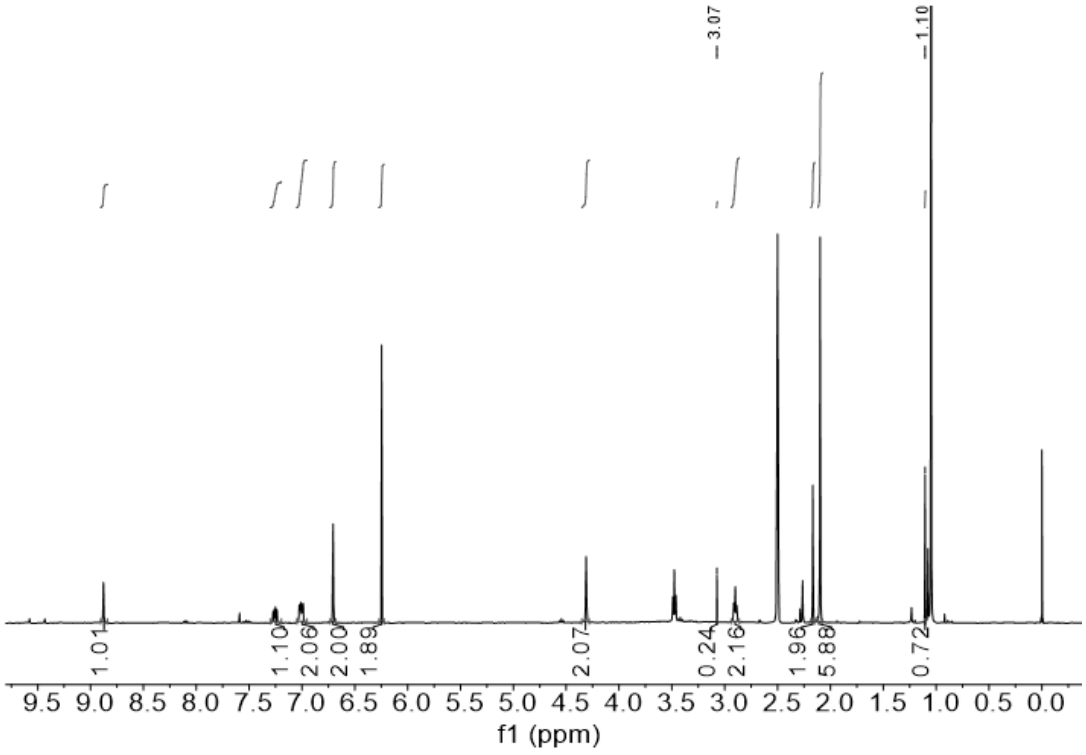

3.07
1.10
1.01
1.10
2.06
2.00
1.89
2.07
0.24
2.16
1.96
5.88
0.72
9.5 9.0 8.5 8.0 7.5 7.0 6.5 6.0 5.5 5.0 4.5 4.0 3.5 3.0 2.5 2.0 1.5 1.0 0.5 0.0
f1 (ppm)

FIG. 32

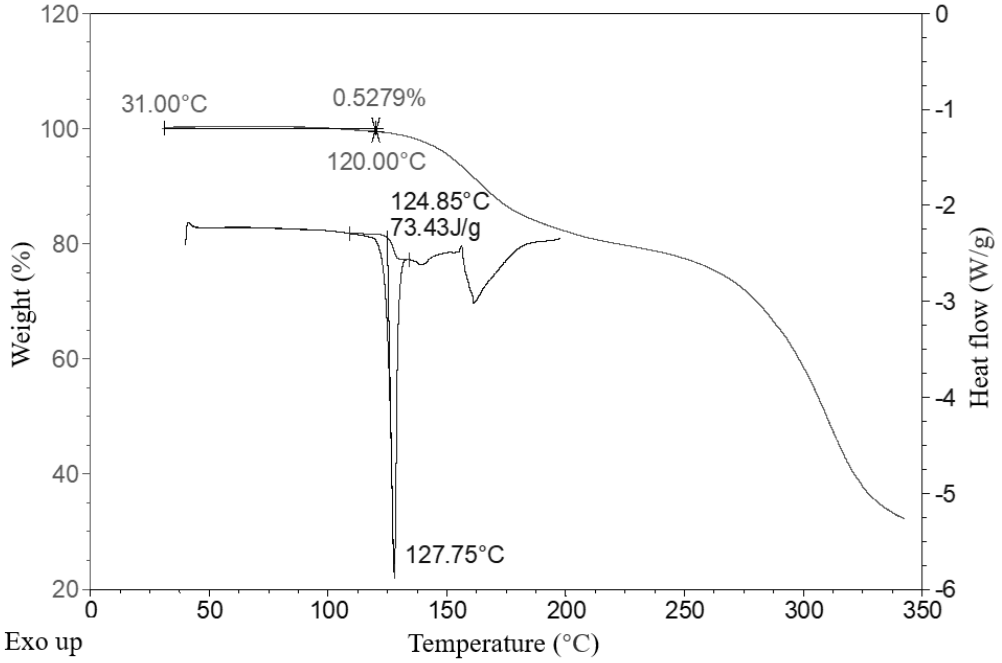

31.00°C
0.5279%
120.00°C
124.85°C
73.43J/g
127.75°C
Weight (%)
Heat flow (W/g)
Temperature (°C)
Exo up

FIG. 33

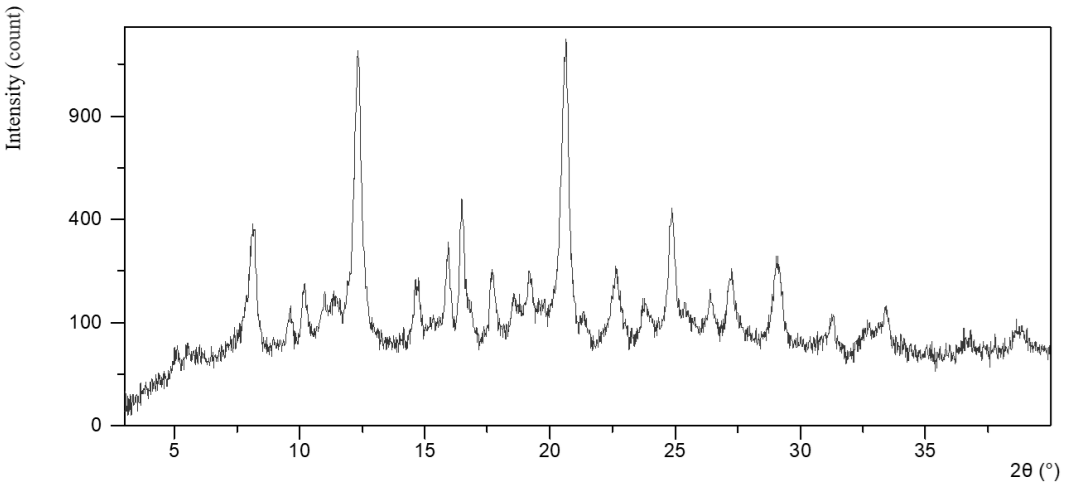

Intensity (count)
2θ (°)

FIG. 34