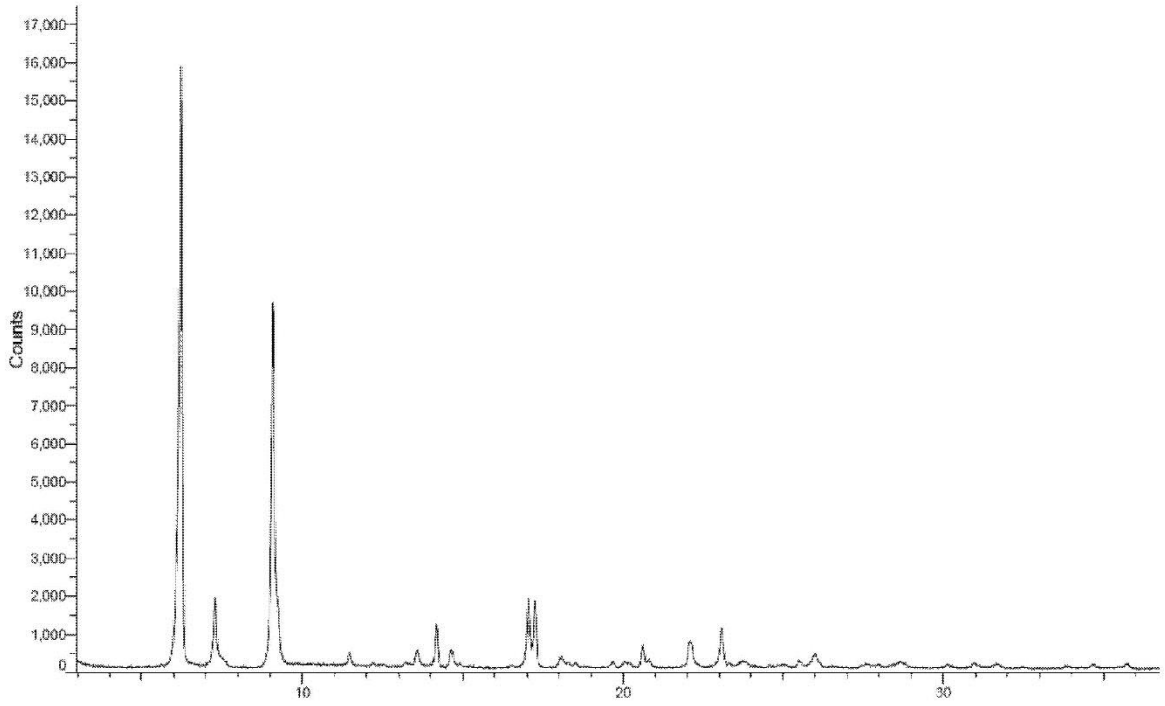

Counts
17,000
16,000
15,000
14,000
13,000
12,000
11,000
10,000
9,000
8,000
7,000
6,000
5,000
4,000
3,000
2,000
1,000
0
10
20
30

FIG. 1

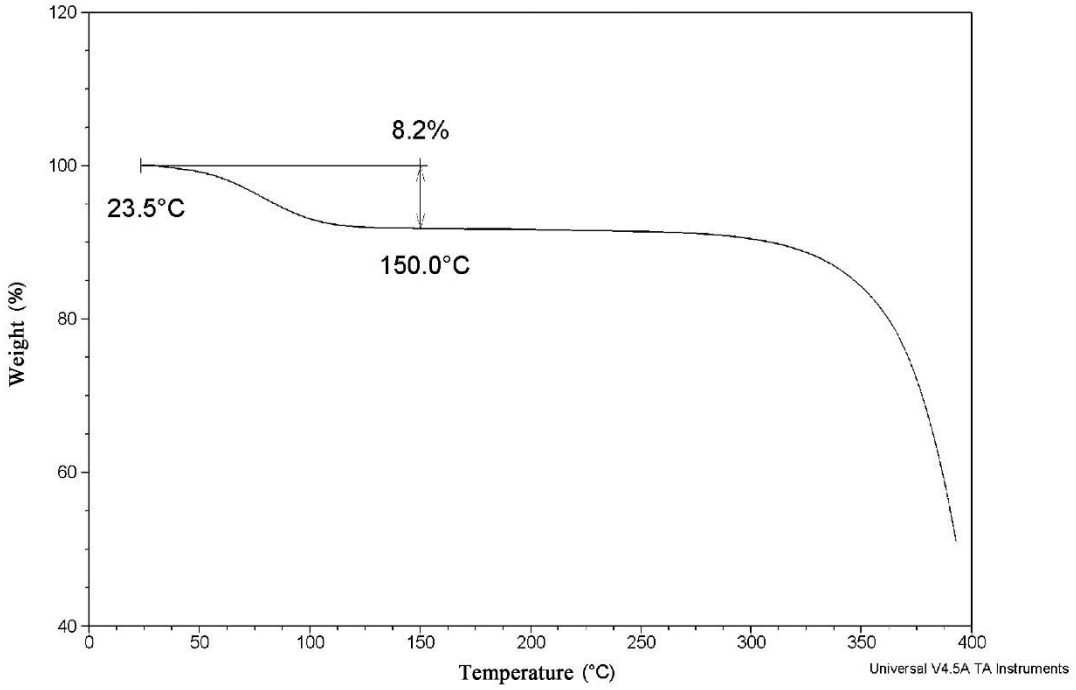

8.2%
23.5°C
150.0°C
Weight (%)
120
100
80
60
40
0
50
100
150
200
250
300
350
400
Temperature (°C)
Universal V4.5A TA Instruments

FIG. 2

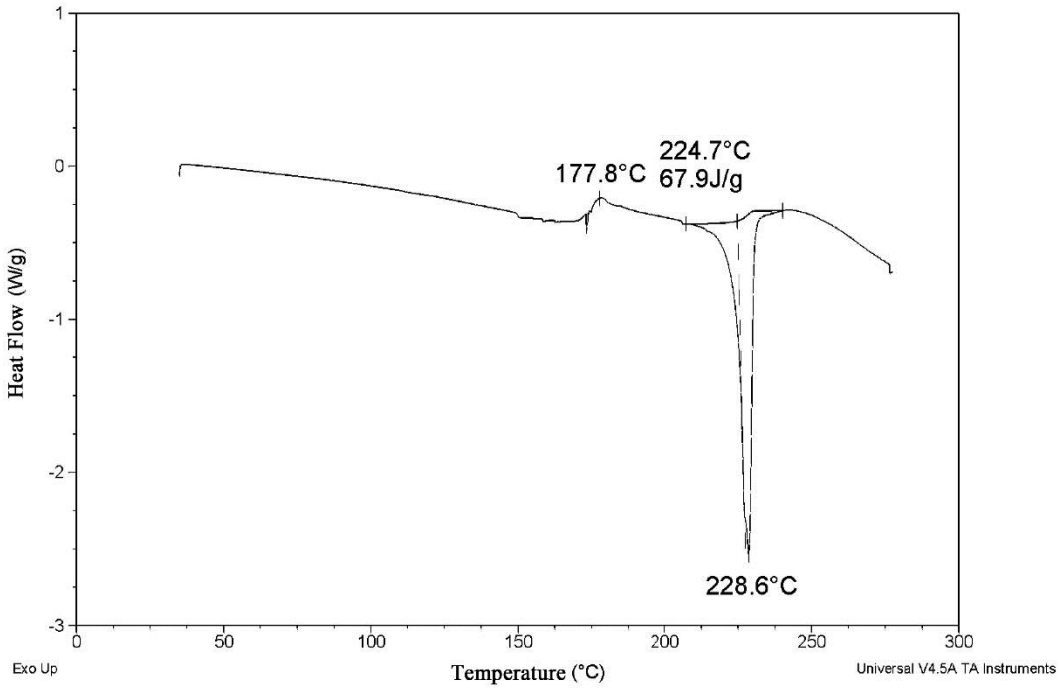

Heat Flow (W/g)
Temperature (°C)
Exo Up
Universal V4.5A TA Instruments
177.8°C
224.7°C
67.9J/g
228.6°C

FIG. 3

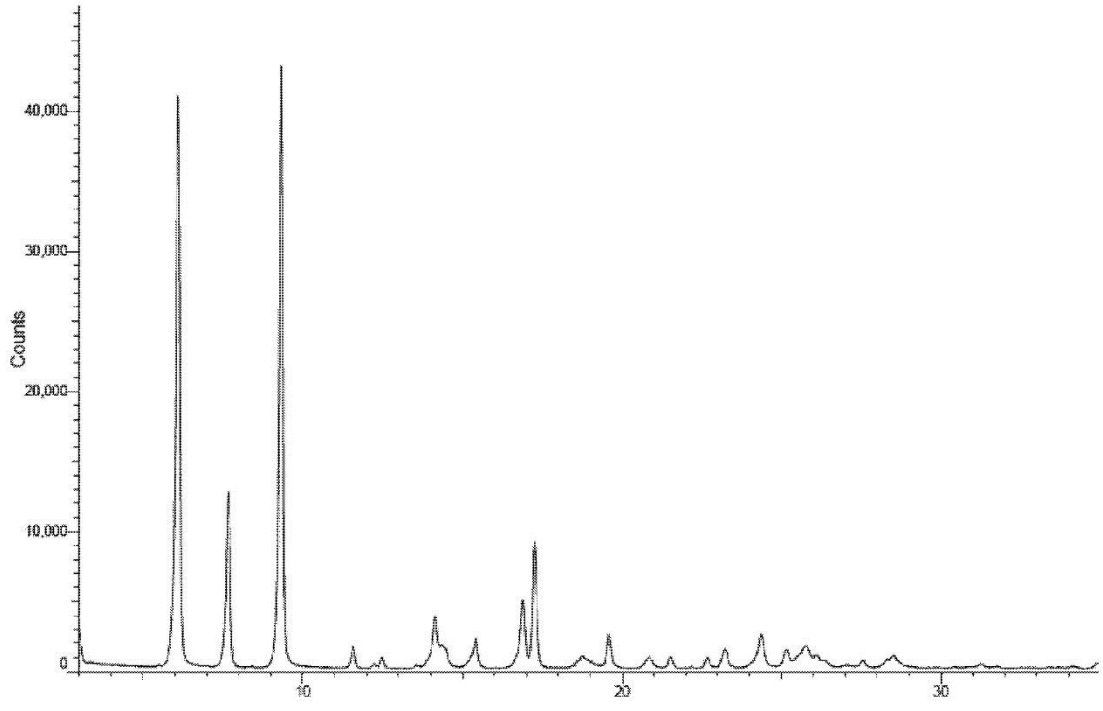

Counts

FIG. 4

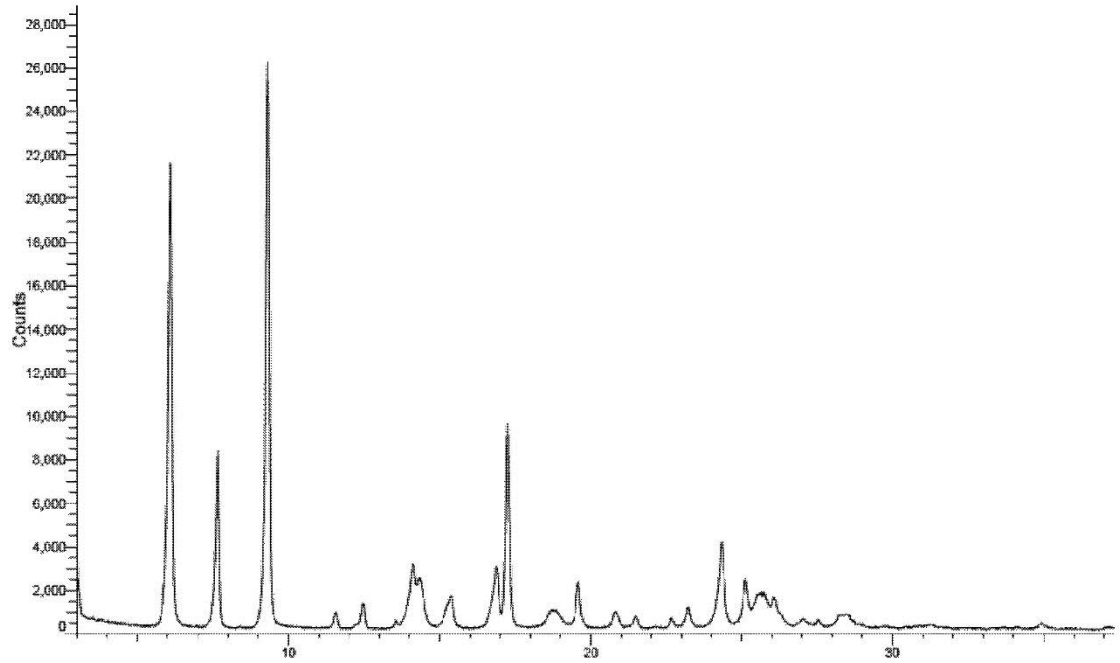

Counts
28,000
26,000
24,000
22,000
20,000
18,000
16,000
14,000
12,000
10,000
8,000
6,000
4,000
2,000
0
10
20
30

FIG. 5

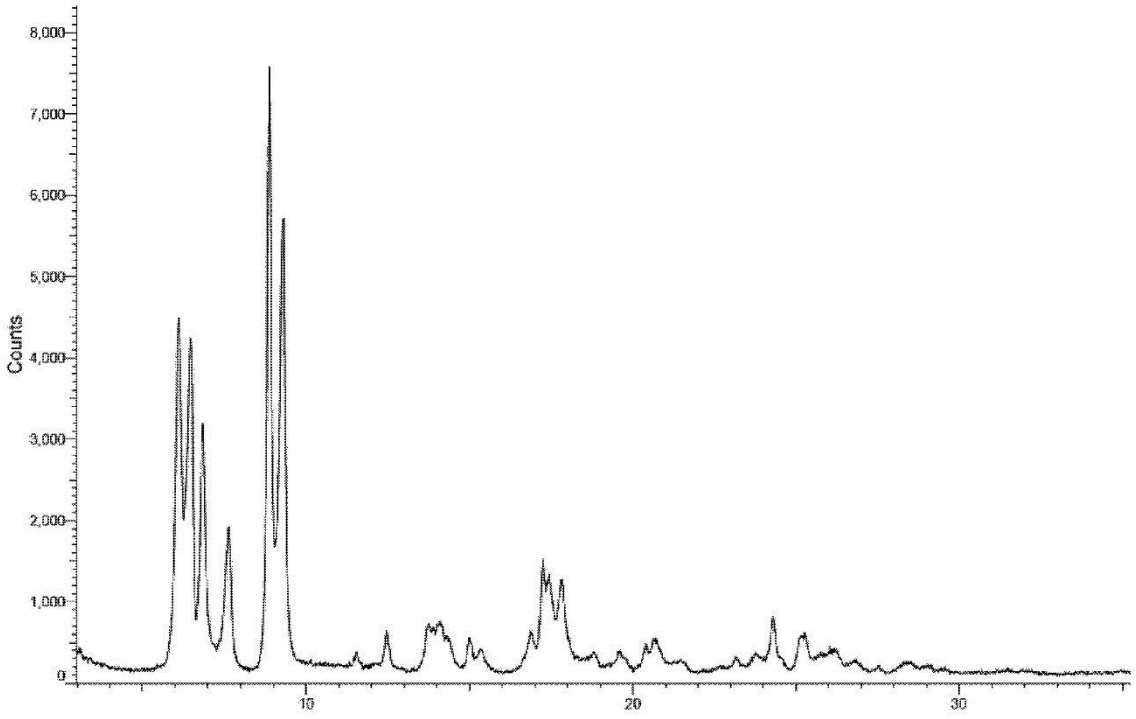

Counts
8,000
7,000
6,000
5,000
4,000
3,000
2,000
1,000
0
10
20
30

FIG. 6

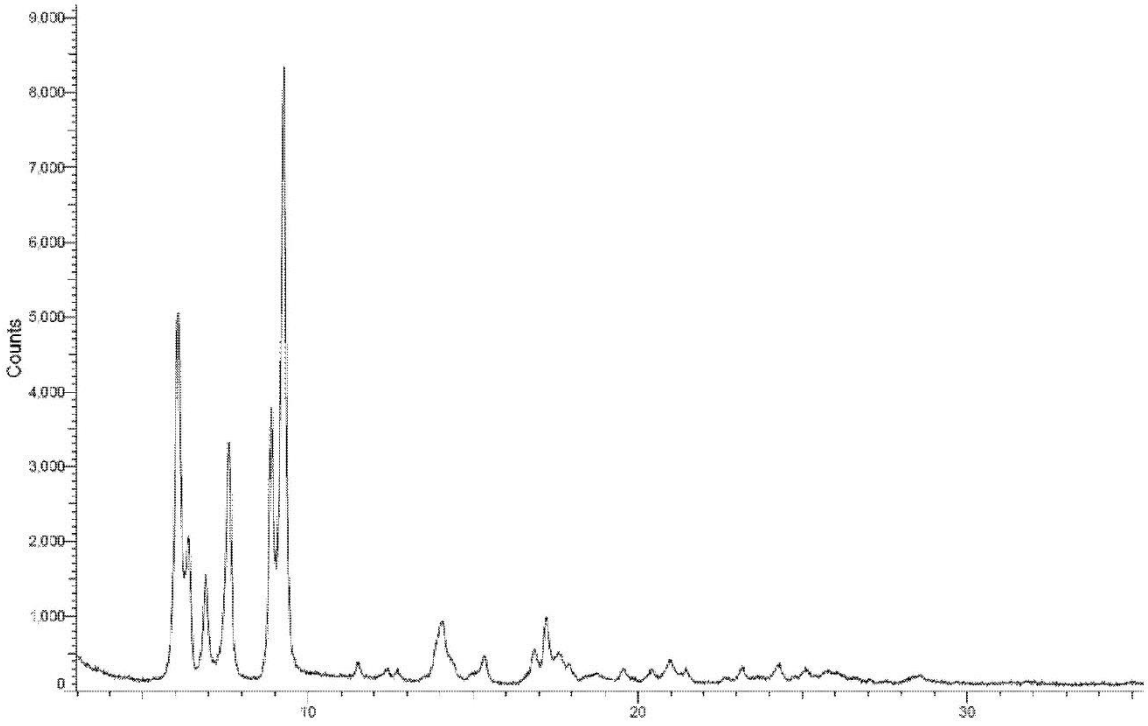

9,000
8,000
7,000
6,000
5,000
4,000
3,000
2,000
1,000
0
Counts
10
20
30

FIG. 7

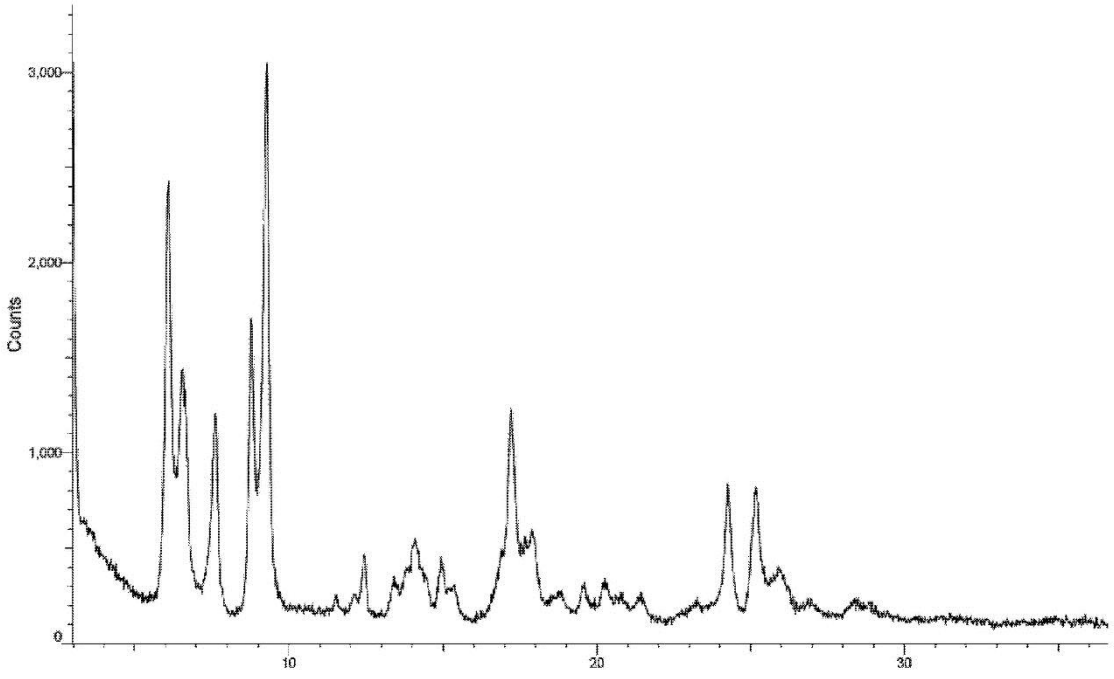

3,000
2,000
1,000
0
Counts
10
20
30

FIG. 8

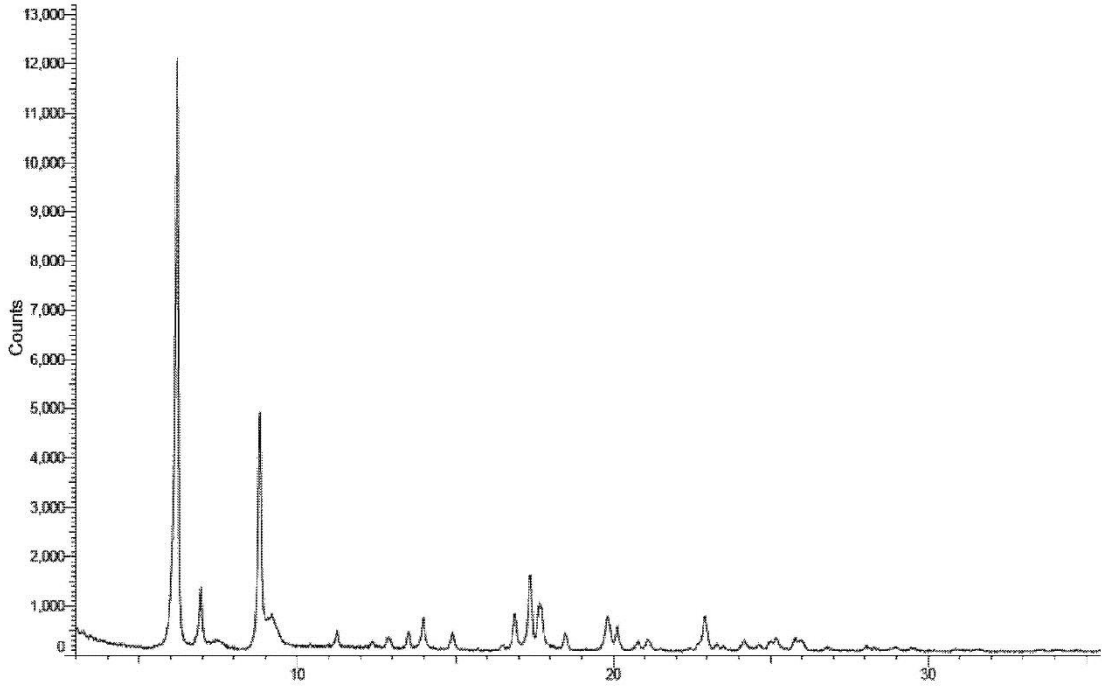

13,000
12,000
11,000
10,000
9,000
8,000
7,000
6,000
5,000
4,000
3,000
2,000
1,000
0
Counts
10
20
30

FIG. 9

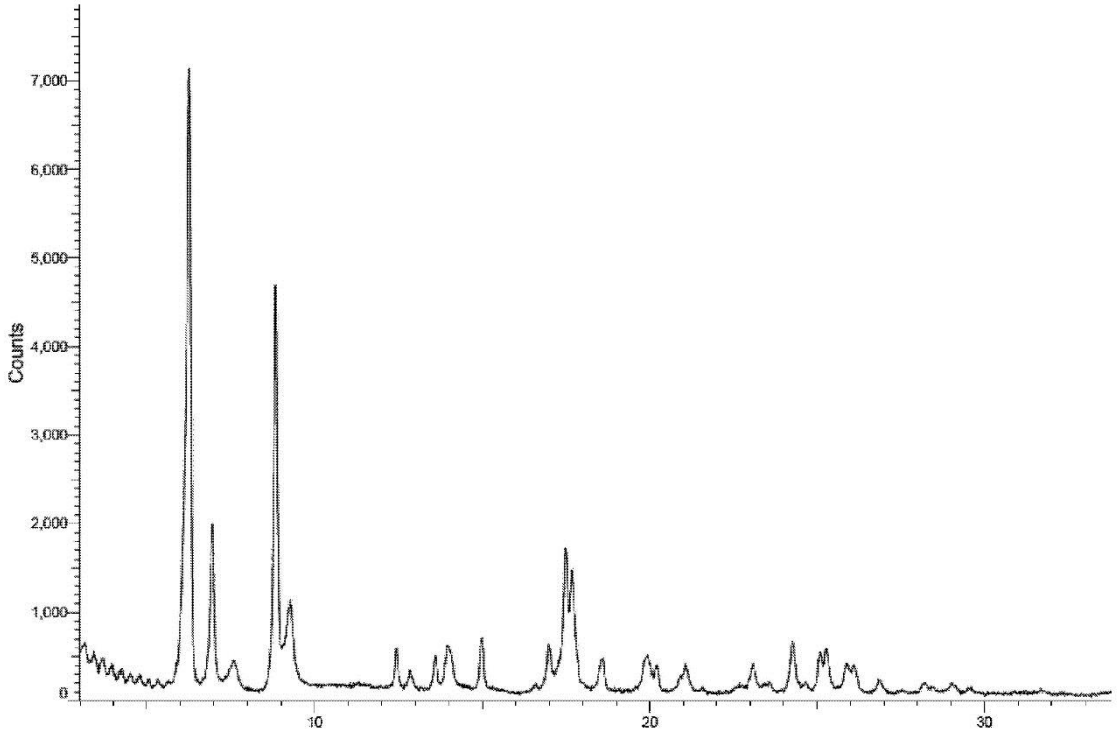

7,000
6,000
5,000
4,000
3,000
2,000
1,000
0
Counts
10
20
30

FIG. 10

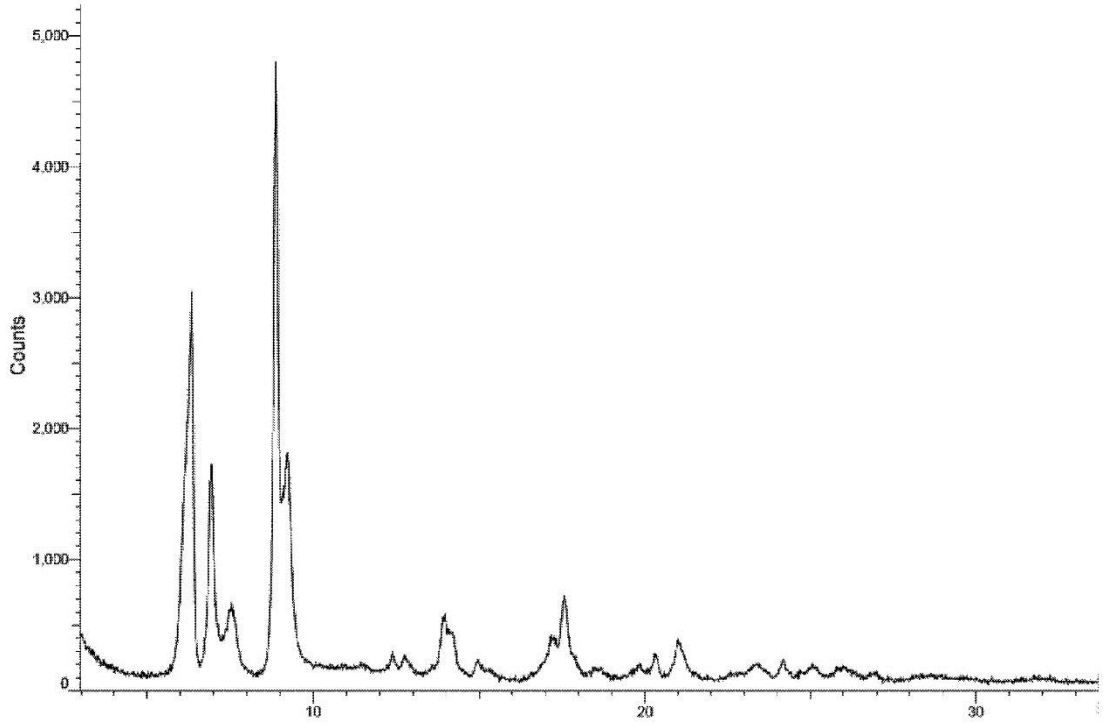

5,000
4,000
3,000
2,000
1,000
0
Counts
10
20
30

FIG. 11

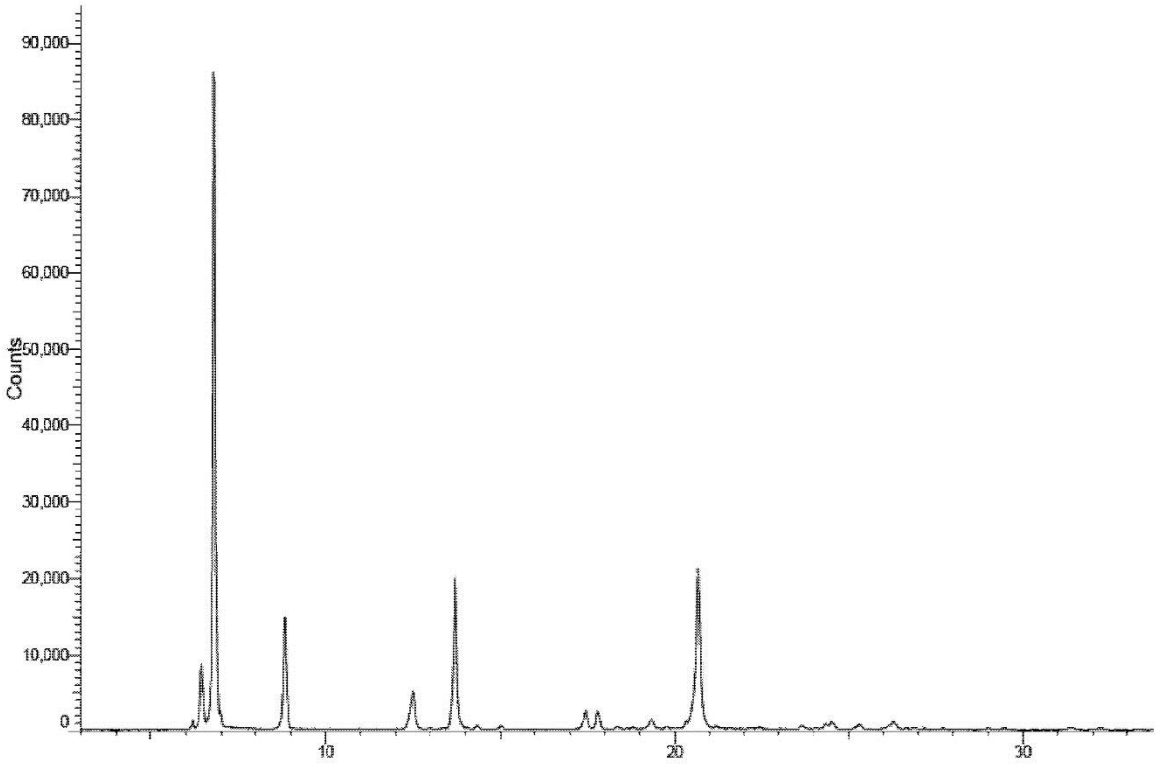

90,000
80,000
70,000
60,000
50,000
40,000
30,000
20,000
10,000
0
Counts
10
20
30

FIG. 12

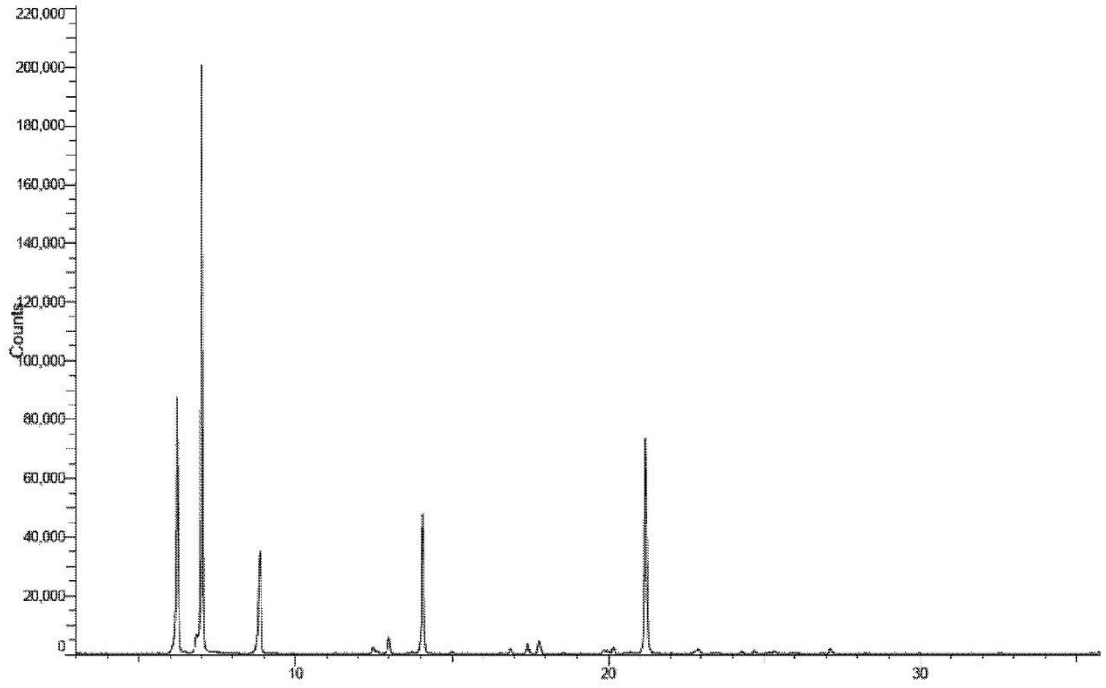

220,000
200,000
180,000
160,000
140,000
120,000
100,000
80,000
60,000
40,000
20,000
0
Counts
10
20
30

FIG. 13

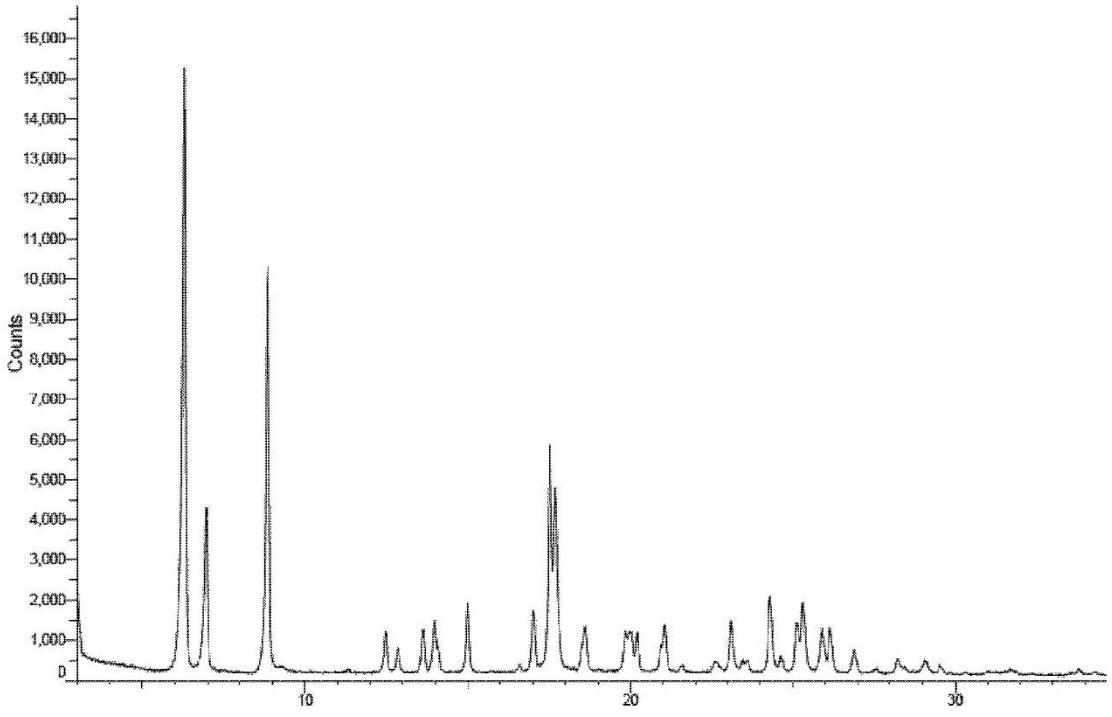

16,000
15,000
14,000
13,000
12,000
11,000
10,000
9,000
8,000
7,000
6,000
5,000
4,000
3,000
2,000
1,000
0
Counts
10
20
30

FIG. 14

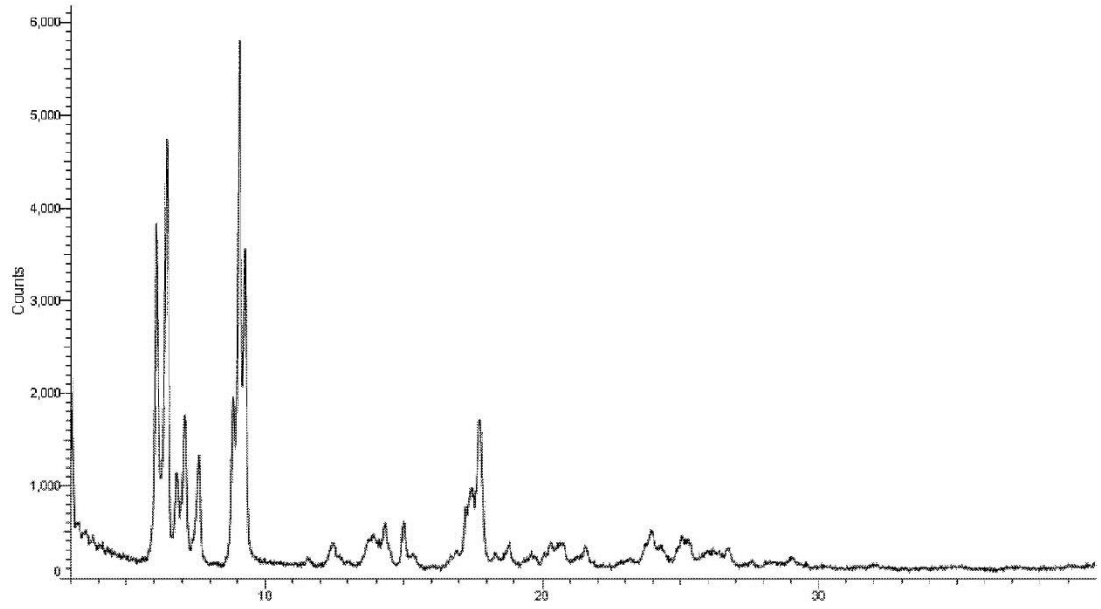

6,000
5,000
4,000
3,000
2,000
1,000
0
Counts
10
20
30

FIG. 15

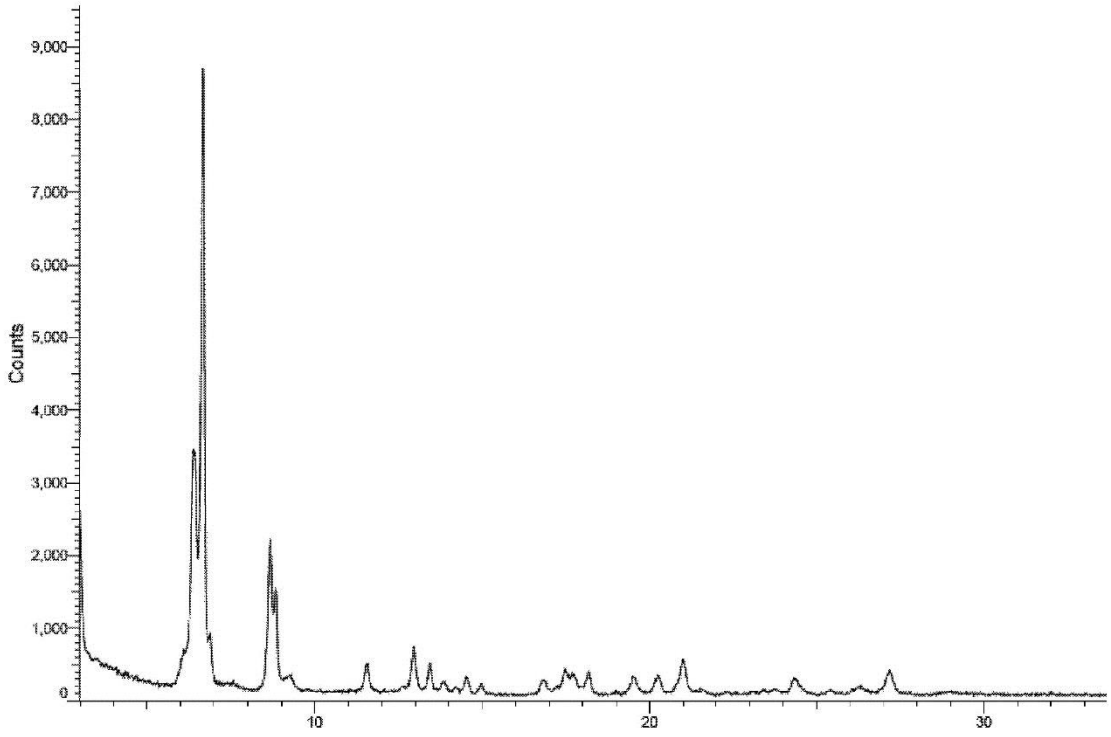

9,000
8,000
7,000
6,000
5,000
4,000
3,000
2,000
1,000
0
Counts
10
20
30

FIG. 16

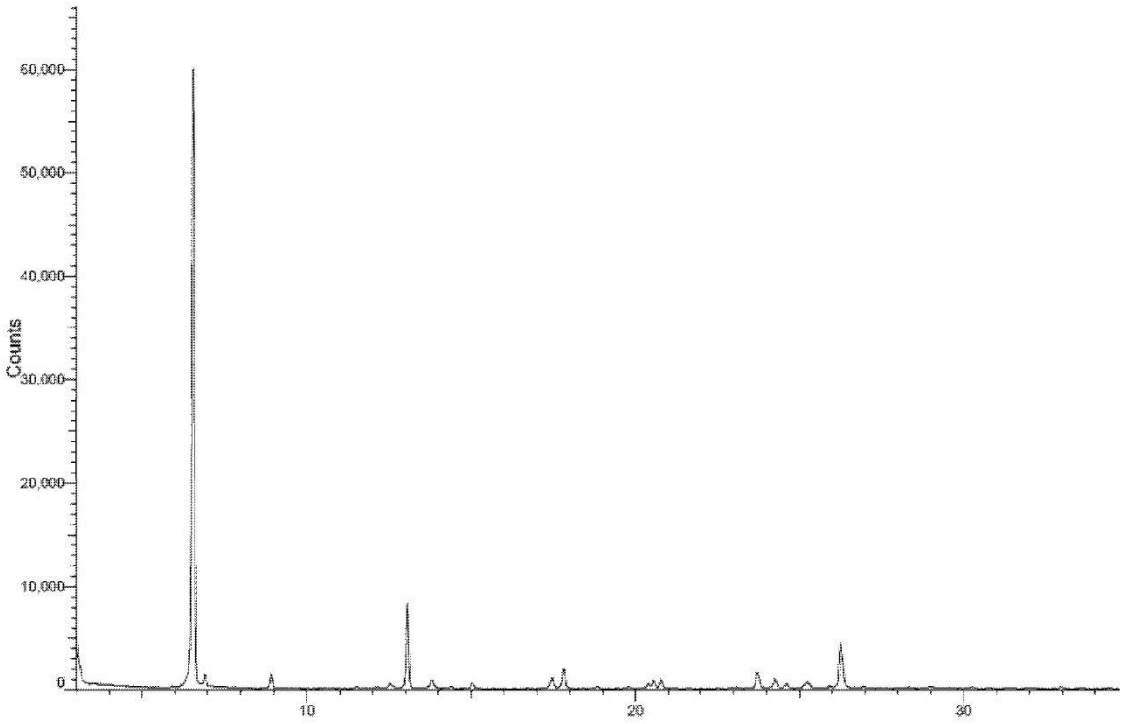

Counts
60,000
50,000
40,000
30,000
20,000
10,000
0
10
20
30

FIG. 17

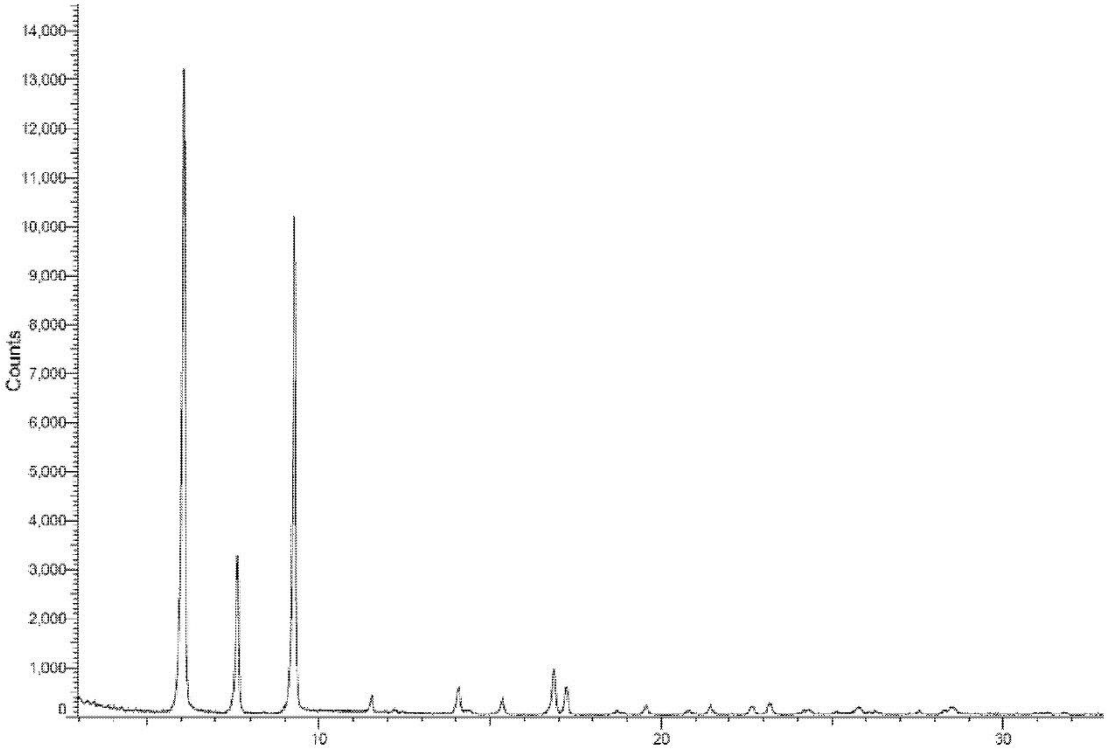

Counts
14,000
13,000
12,000
11,000
10,000
9,000
8,000
7,000
6,000
5,000
4,000
3,000
2,000
1,000
0
10
20
30

FIG. 18

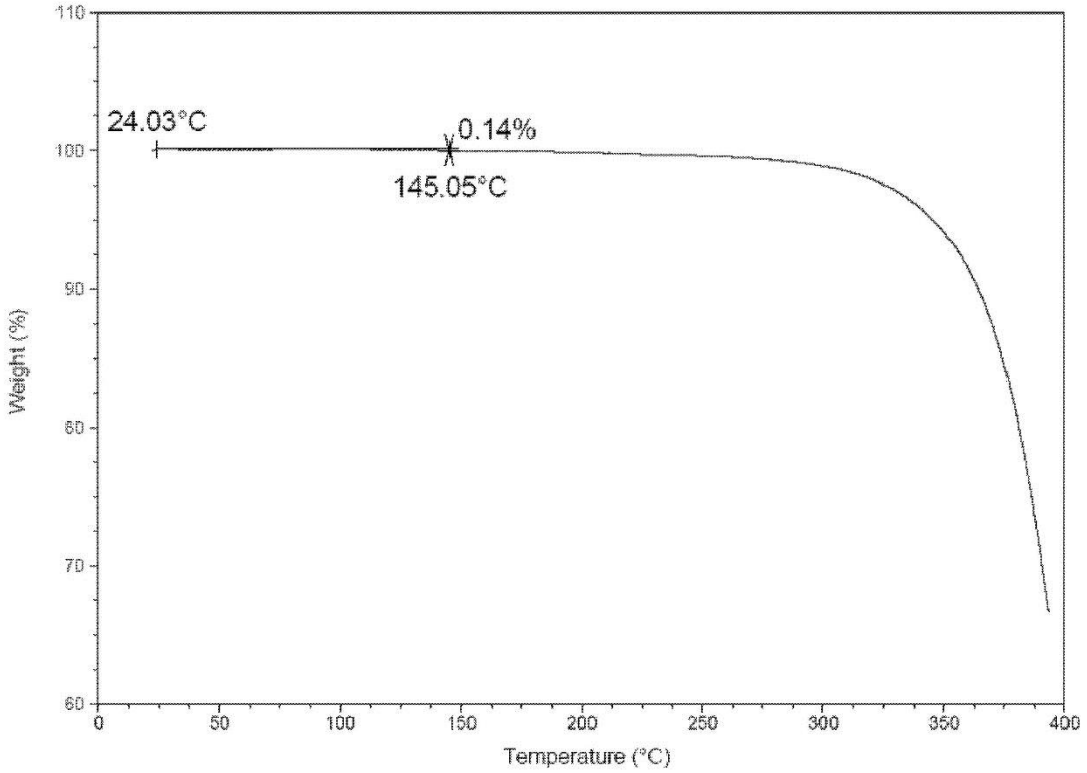

24.03°C
0.14%
145.05°C
Weight (%)
Temperature (°C)

FIG. 19

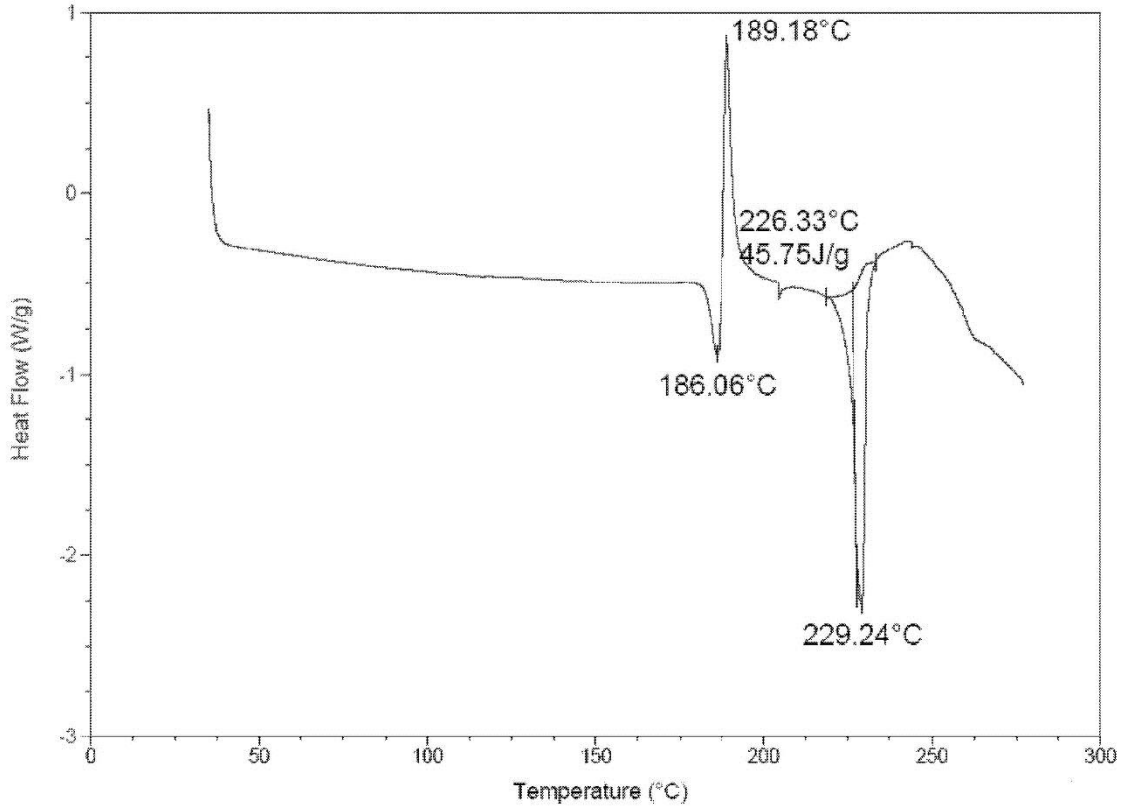

189.18°C
226.33°C
45.75J/g
186.06°C
229.24°C
Heat Flow (W/g)
Temperature (°C)

FIG. 20

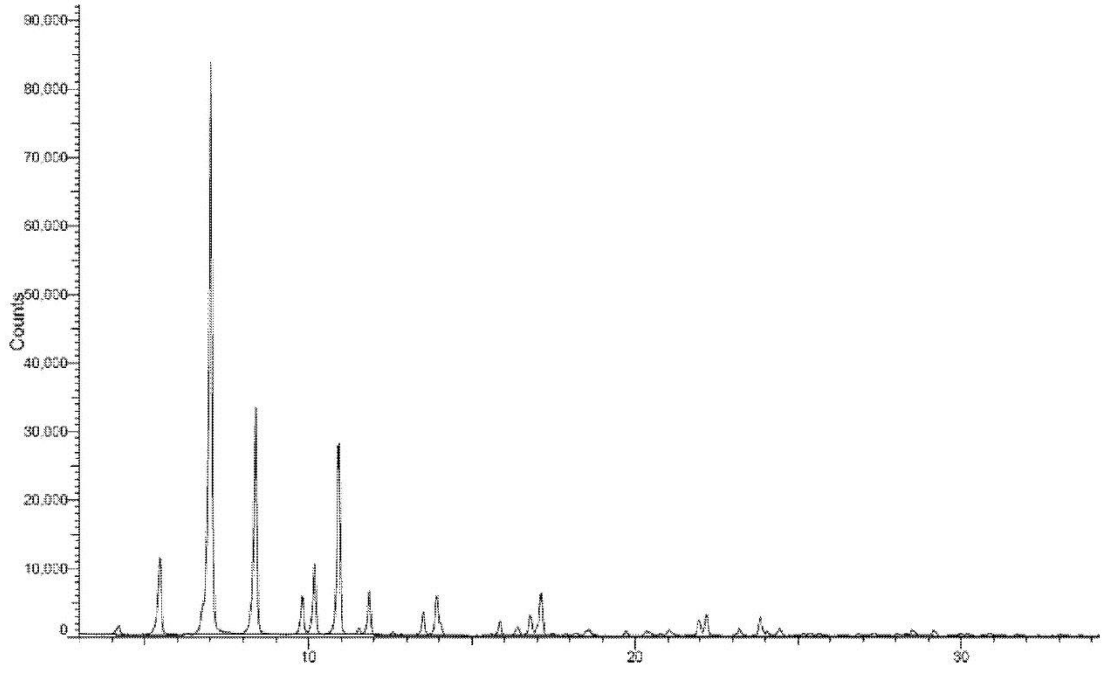

Counts
90,000
80,000
70,000
60,000
50,000
40,000
30,000
20,000
10,000
0
10
20
90

FIG. 21

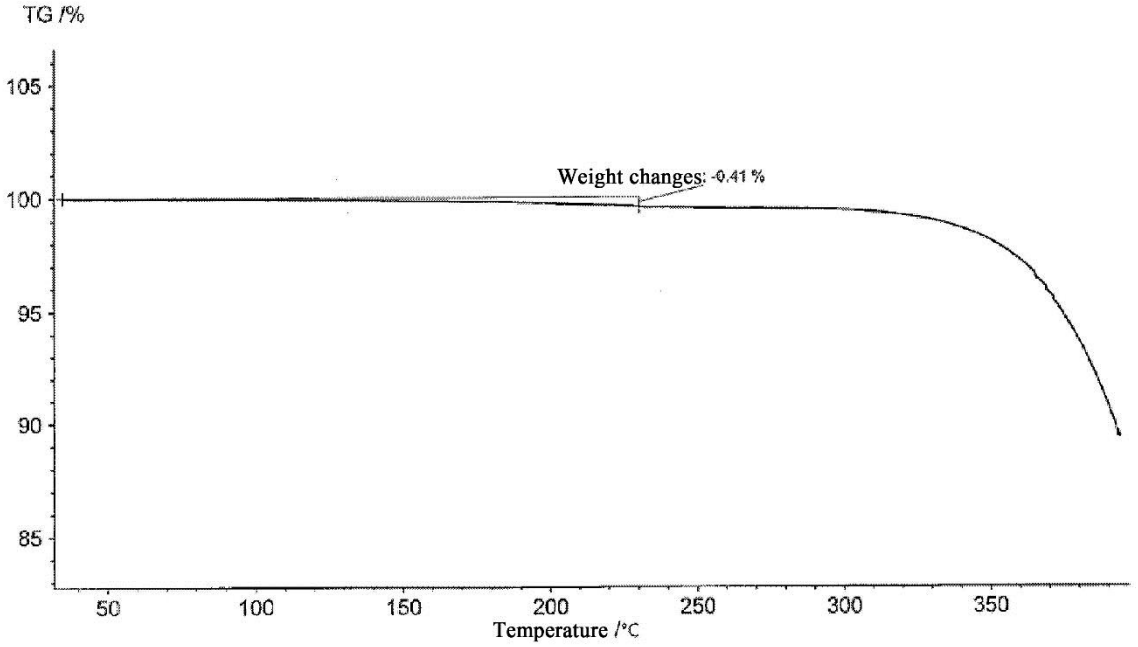

TG /%
105
100
95
90
85
Weight changes: -0.41 %
50
100
150
200
250
300
350
Temperature /°C

FIG. 22

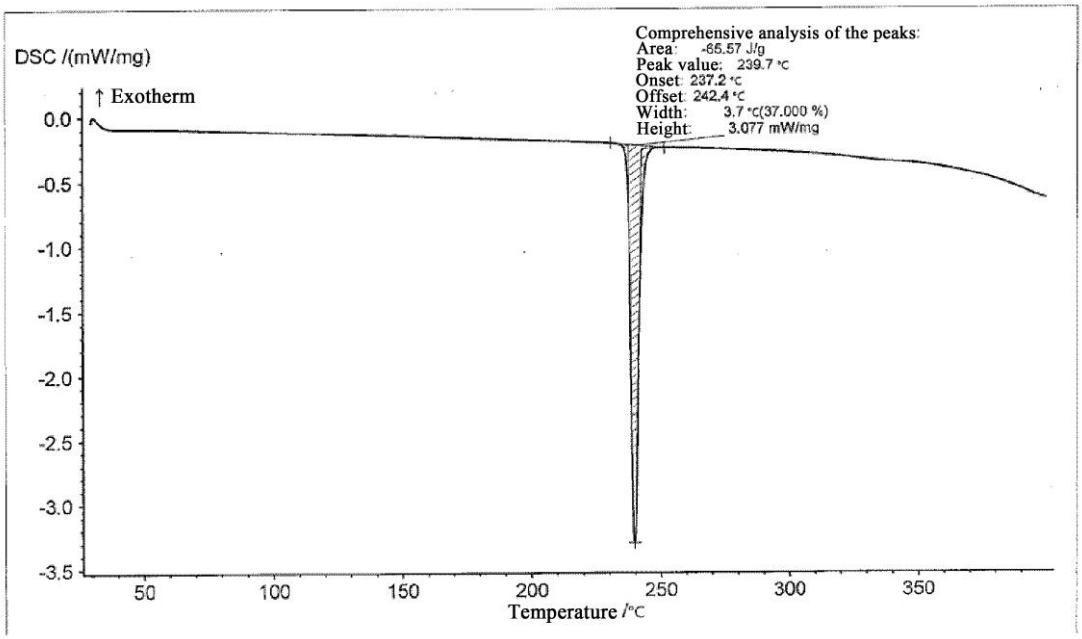


FIG. 23

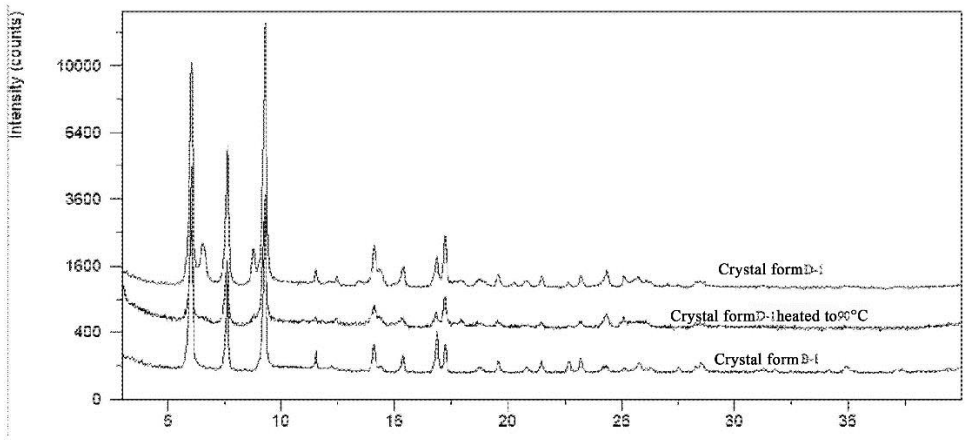


FIG. 24

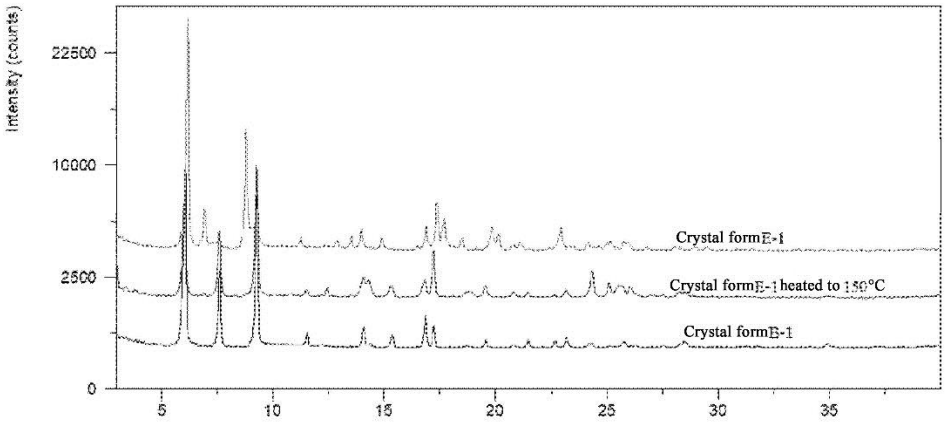


FIG. 25

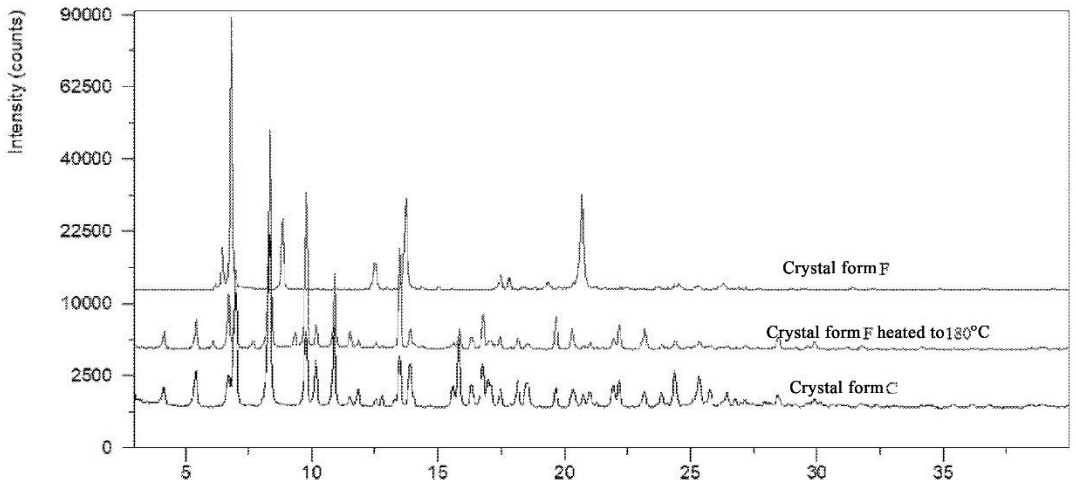


FIG. 26

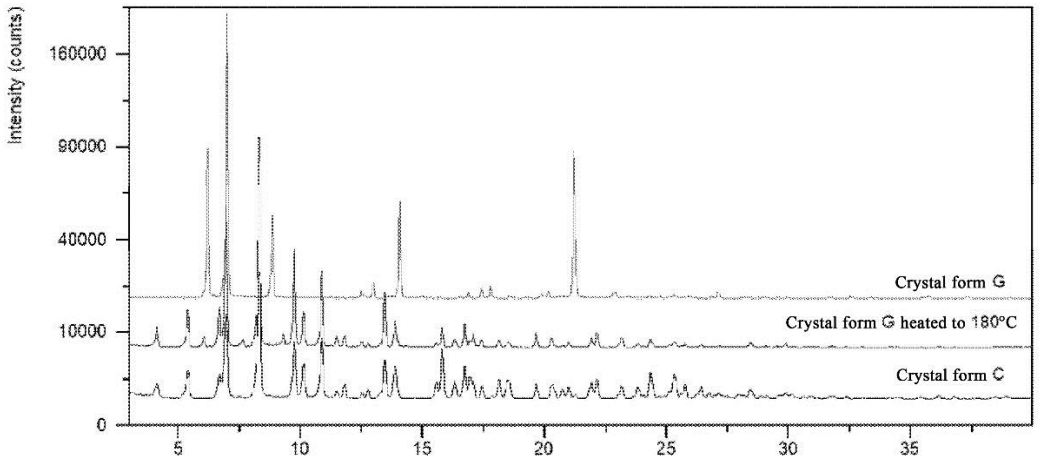


FIG. 27

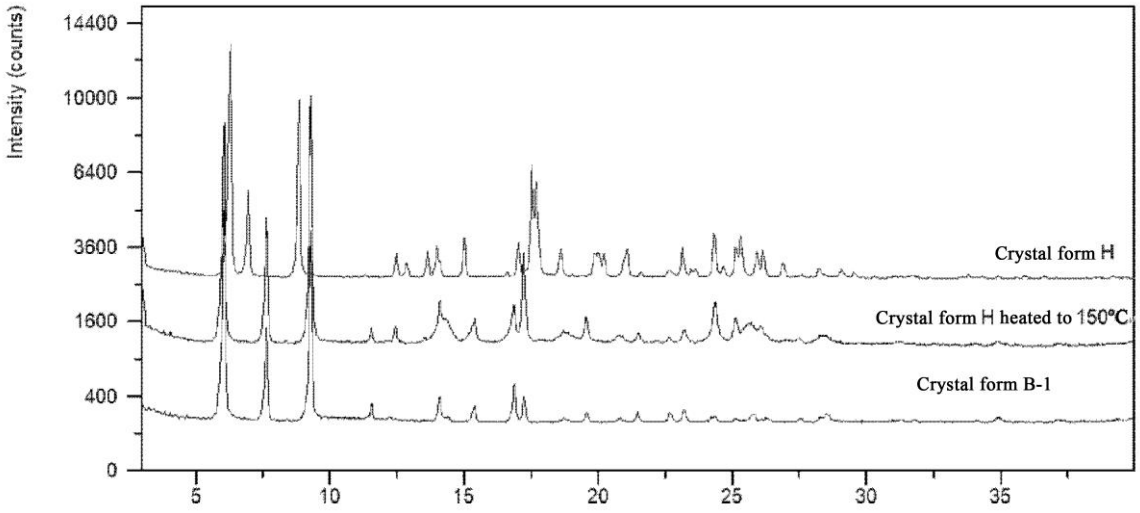


FIG. 28

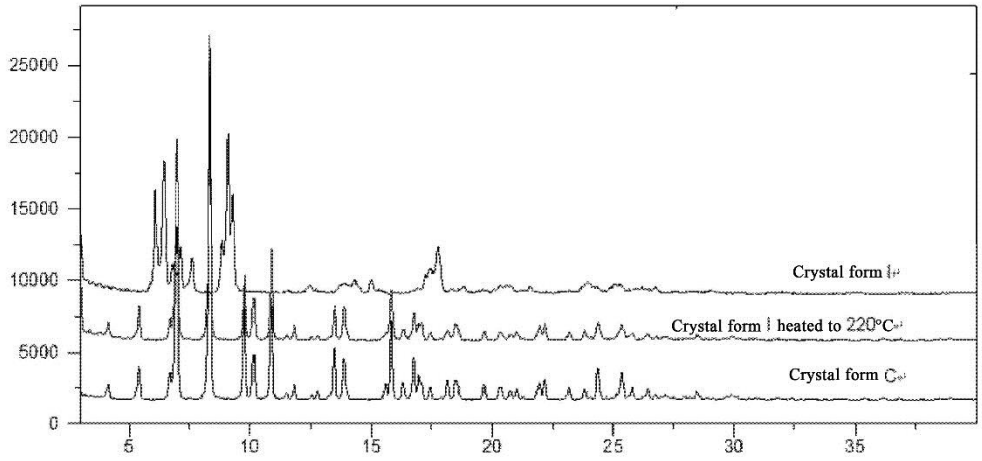


FIG. 29

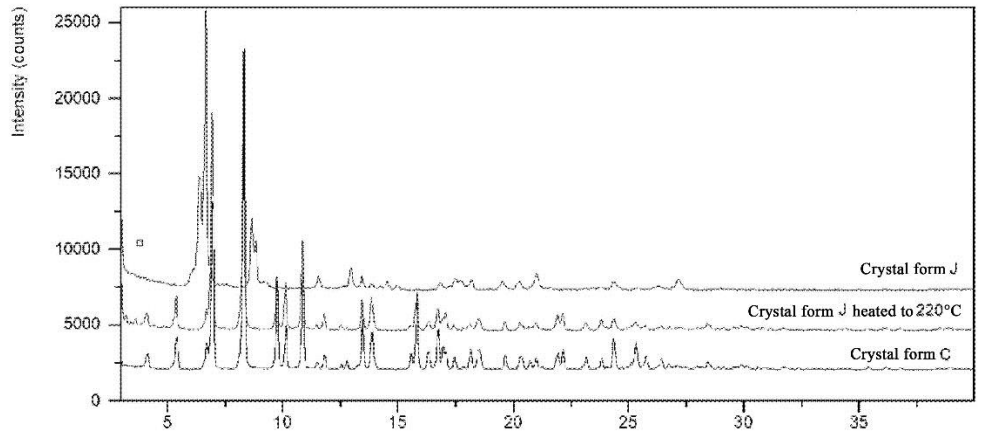


FIG. 30

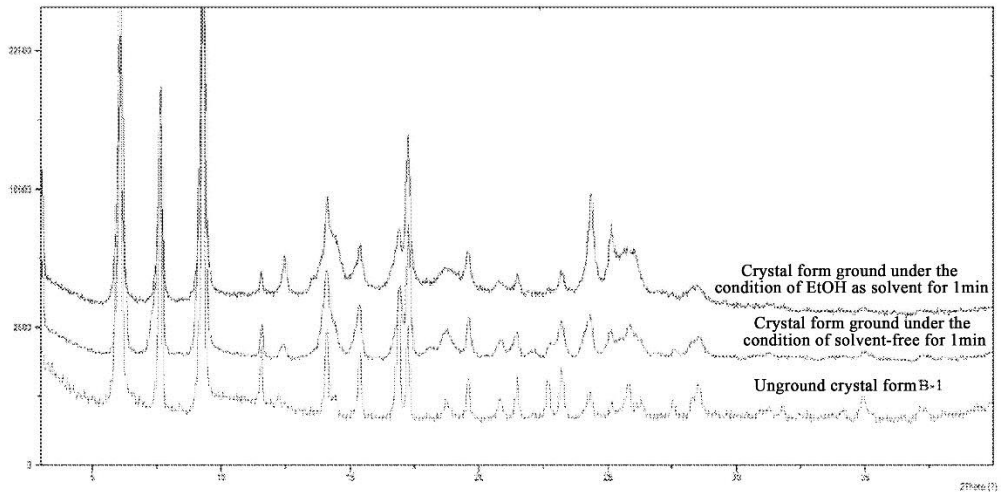


FIG. 31

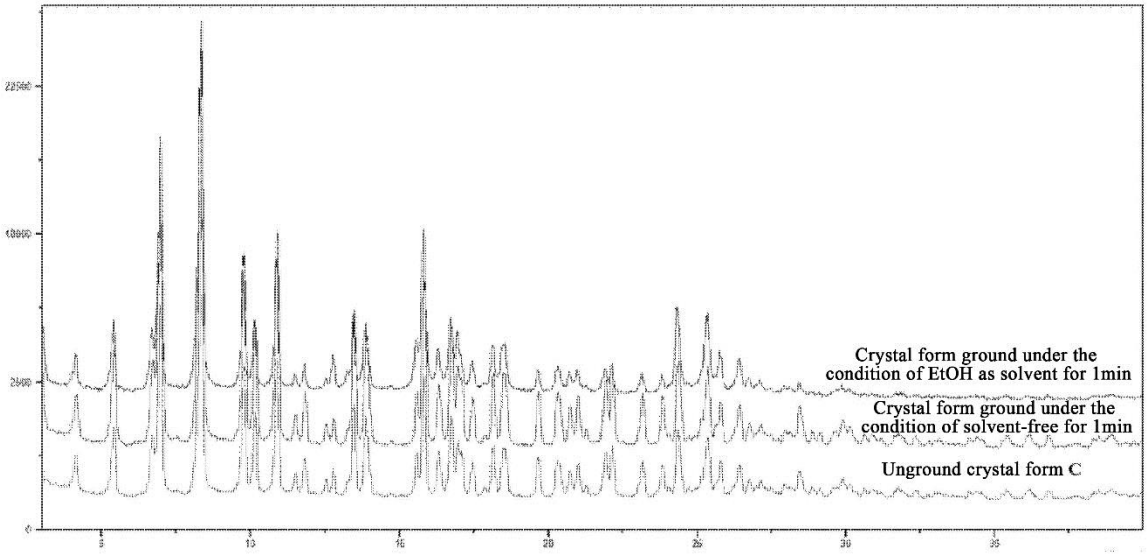

Crystal form ground under the condition of EtOH as solvent for 1min
Crystal form ground under the condition of solvent-free for 1min
Unground crystal form C

FIG. 32

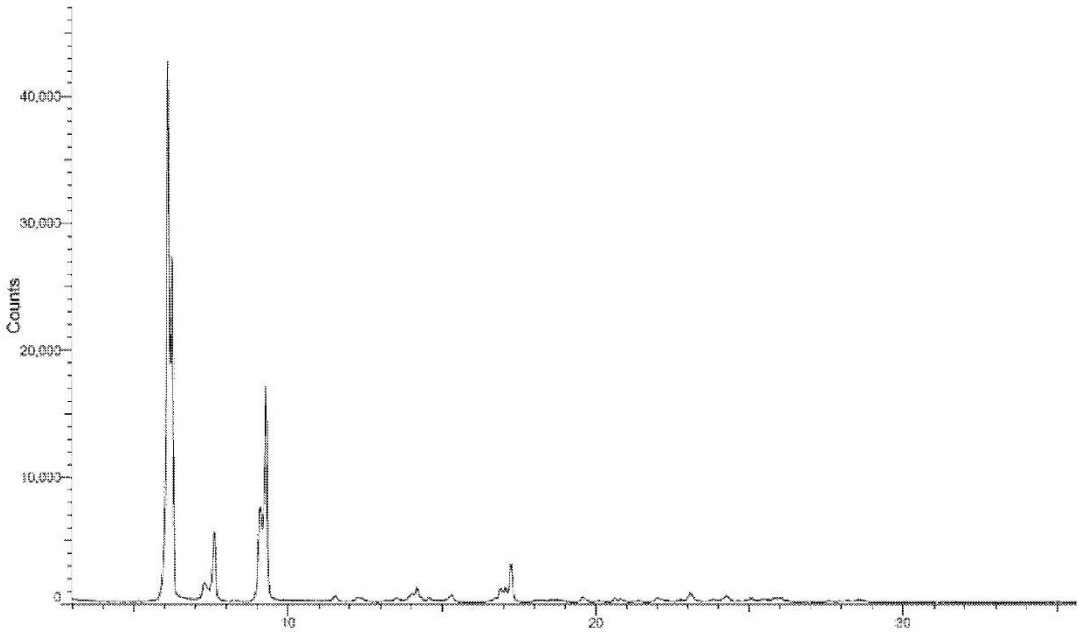

Counts
40,000
30,000
20,000
10,000
0
10
20
30

FIG. 33