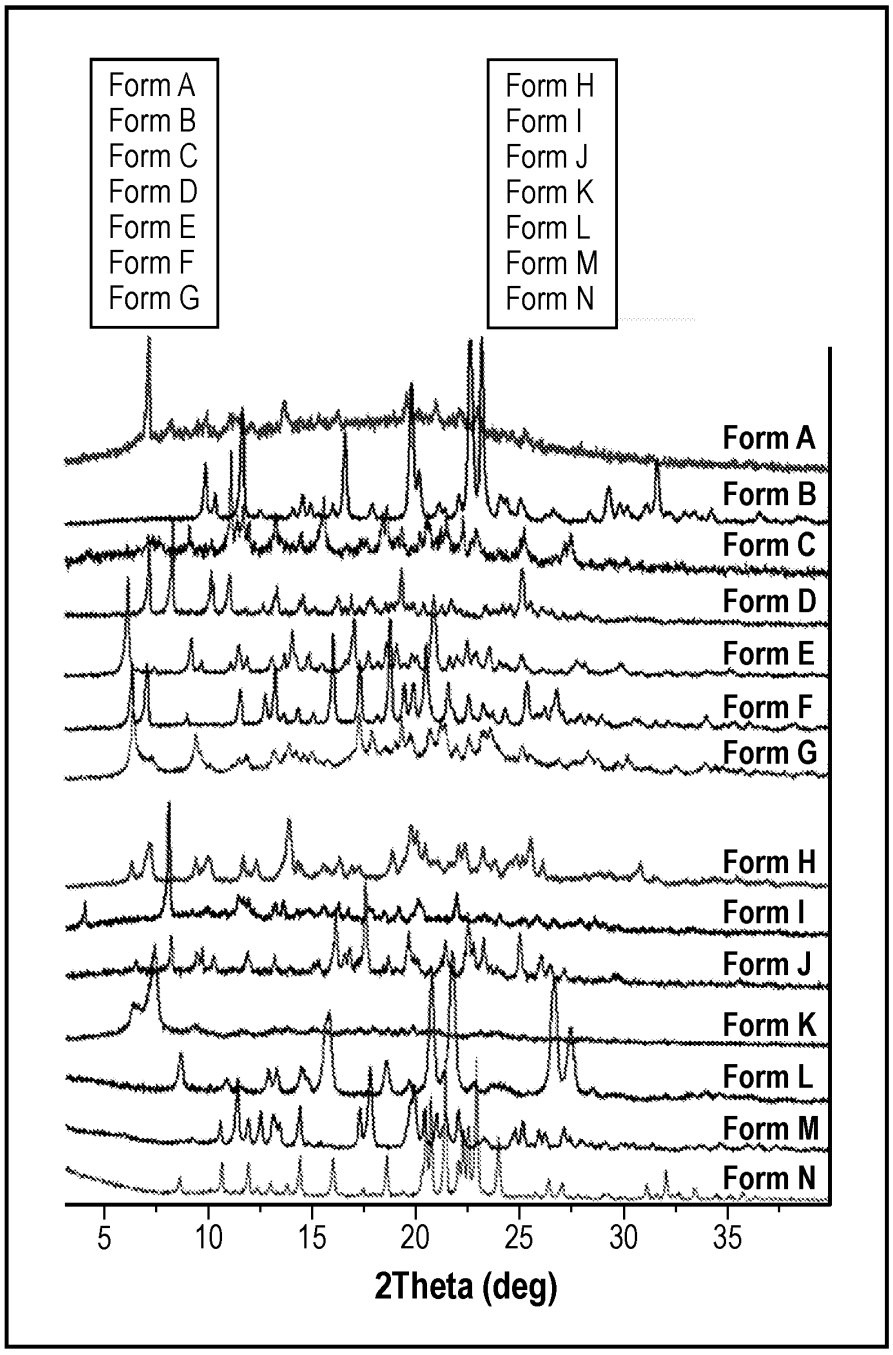

Form A
Form B
Form C
Form D
Form E
Form F
Form G
Form H
Form I
Form J
Form K
Form L
Form M
Form N
Form A
Form B
Form C
Form D
Form E
Form F
Form G
Form H
Form I
Form J
Form K
Form L
Form M
Form N
5
10
15
20
25
30
35
2Theta (deg)

Fig. 1

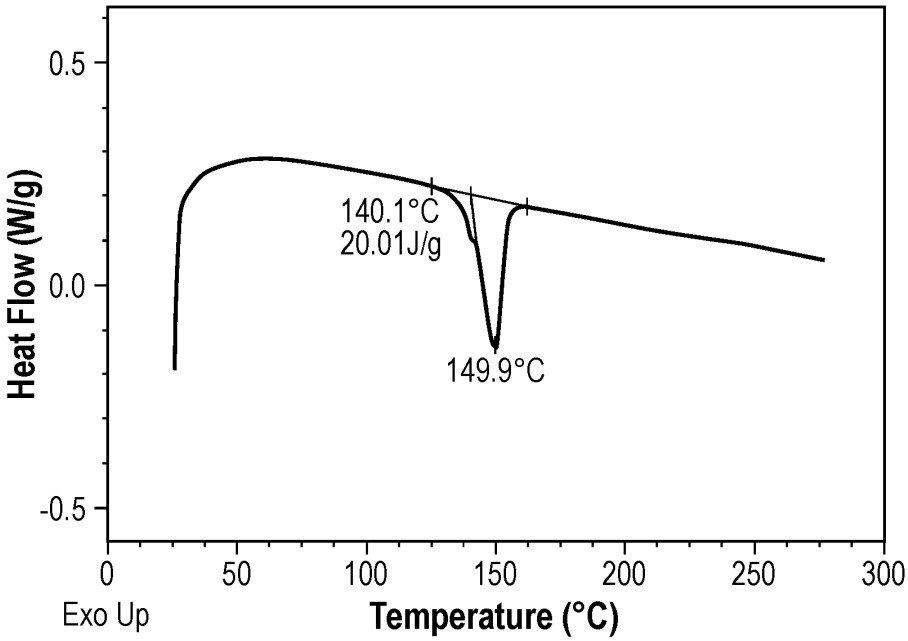

0.5
0.0
-0.5
Heat Flow (W/g)
140.1°C
20.01J/g
149.9°C
0
50
100
150
200
250
300
Exo Up
Temperature (°C)

Fig. 2

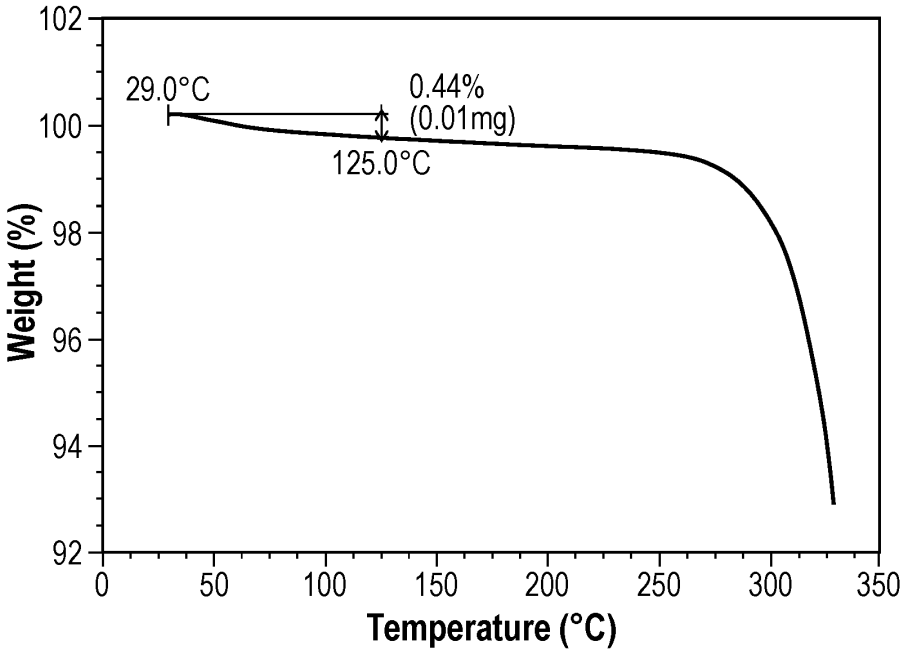

102
100
98
96
94
92
Weight (%)
29.0°C
0.44%
(0.01mg)
125.0°C
0
50
100
150
200
250
300
350
Temperature (°C)

Fig. 3

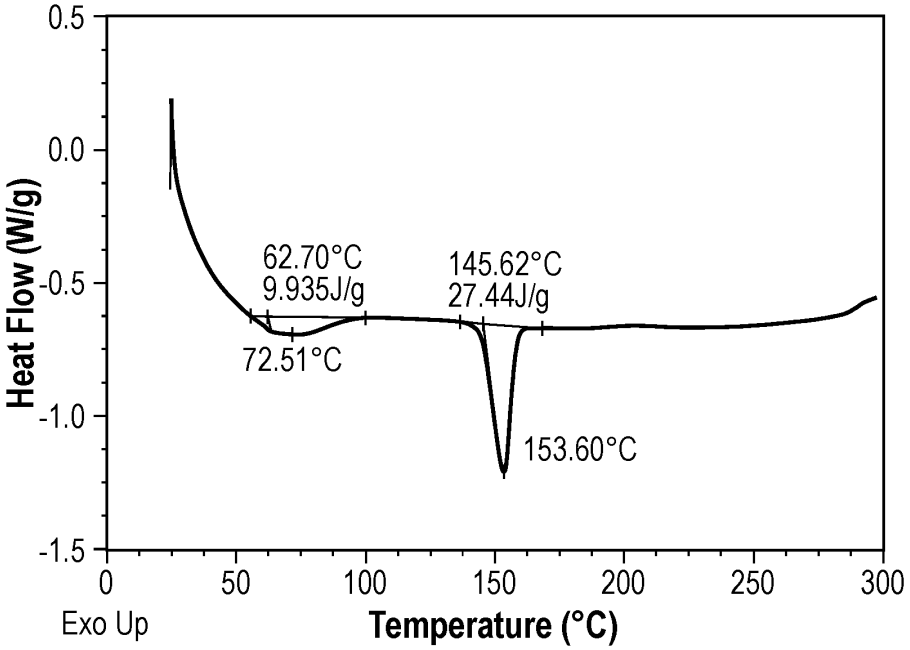

0.5
0.0
-0.5
-1.0
-1.5
Heat Flow (W/g)
62.70°C
9.935J/g
72.51°C
145.62°C
27.44J/g
153.60°C
0
50
100
150
200
250
300
Exo Up
Temperature (°C)

Fig. 4

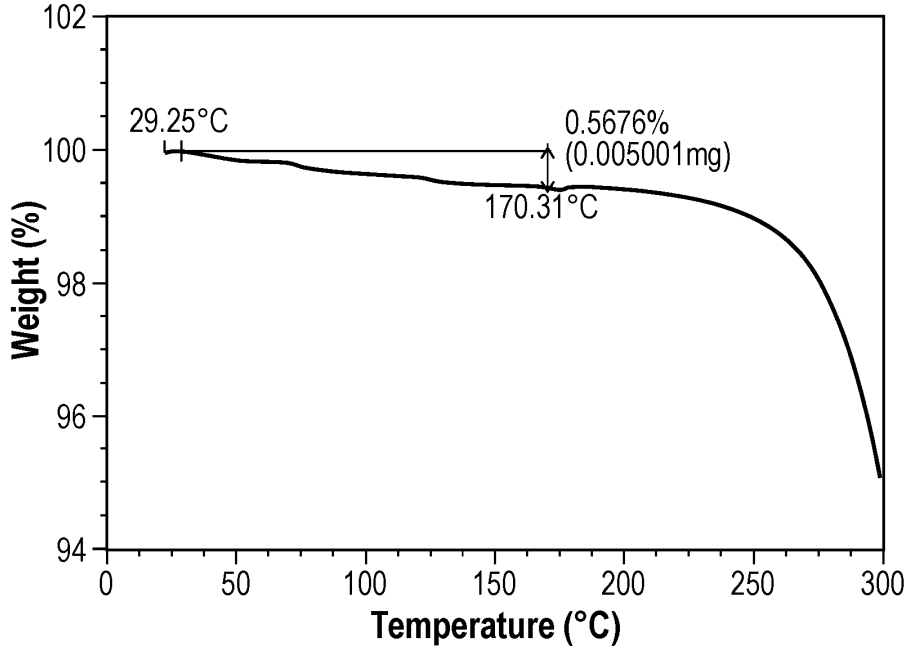

102
100
98
96
94
Weight (%)
29.25°C
0.5676%
(0.005001mg)
170.31°C
0
50
100
150
200
250
300
Temperature (°C)

Fig. 5

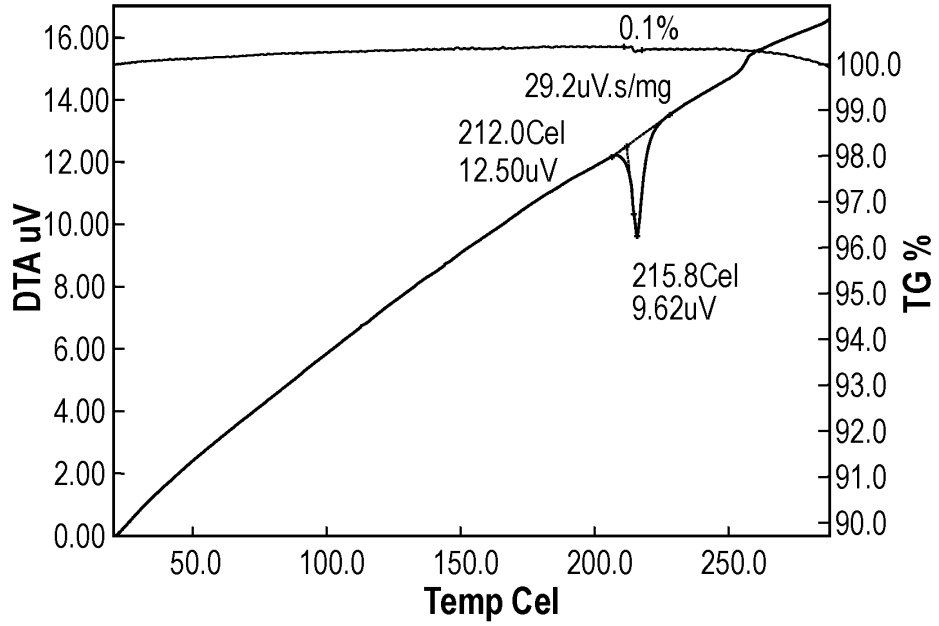

0.1%
29.2uV.s/mg
212.0Cel
12.50uV
215.8Cel
9.62uV
DTA uV
TG %
Temp Cel
16.00
14.00
12.00
10.00
8.00
6.00
4.00
2.00
0.00
100.0
99.0
98.0
97.0
96.0
95.0
94.0
93.0
92.0
91.0
90.0
50.0
100.0
150.0
200.0
250.0

Fig. 6

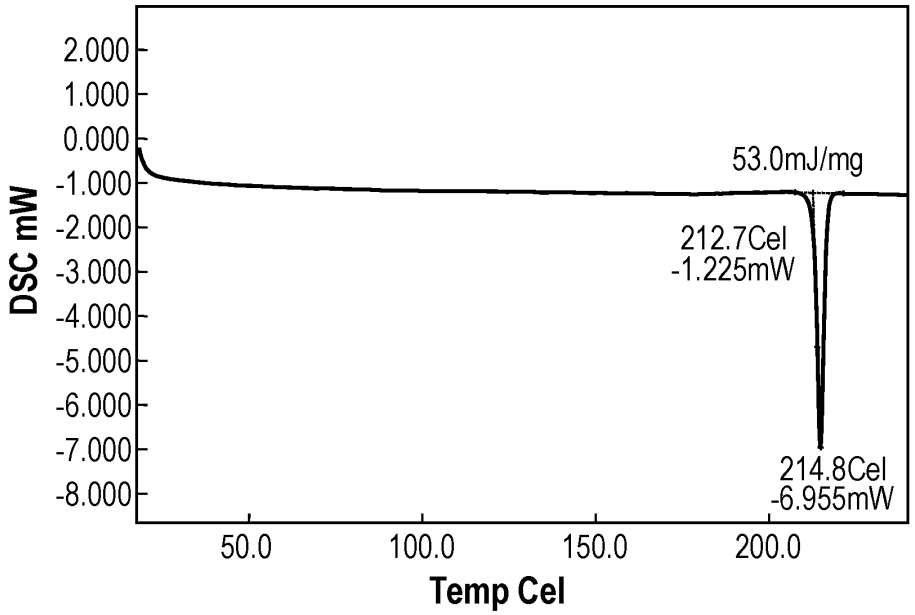

53.0mJ/mg
212.7Cel
-1.225mW
214.8Cel
-6.955mW
DSC mW
Temp Cel
2.000
1.000
0.000
-1.000
-2.000
-3.000
-4.000
-5.000
-6.000
-7.000
-8.000
50.0
100.0
150.0
200.0

Fig. 7

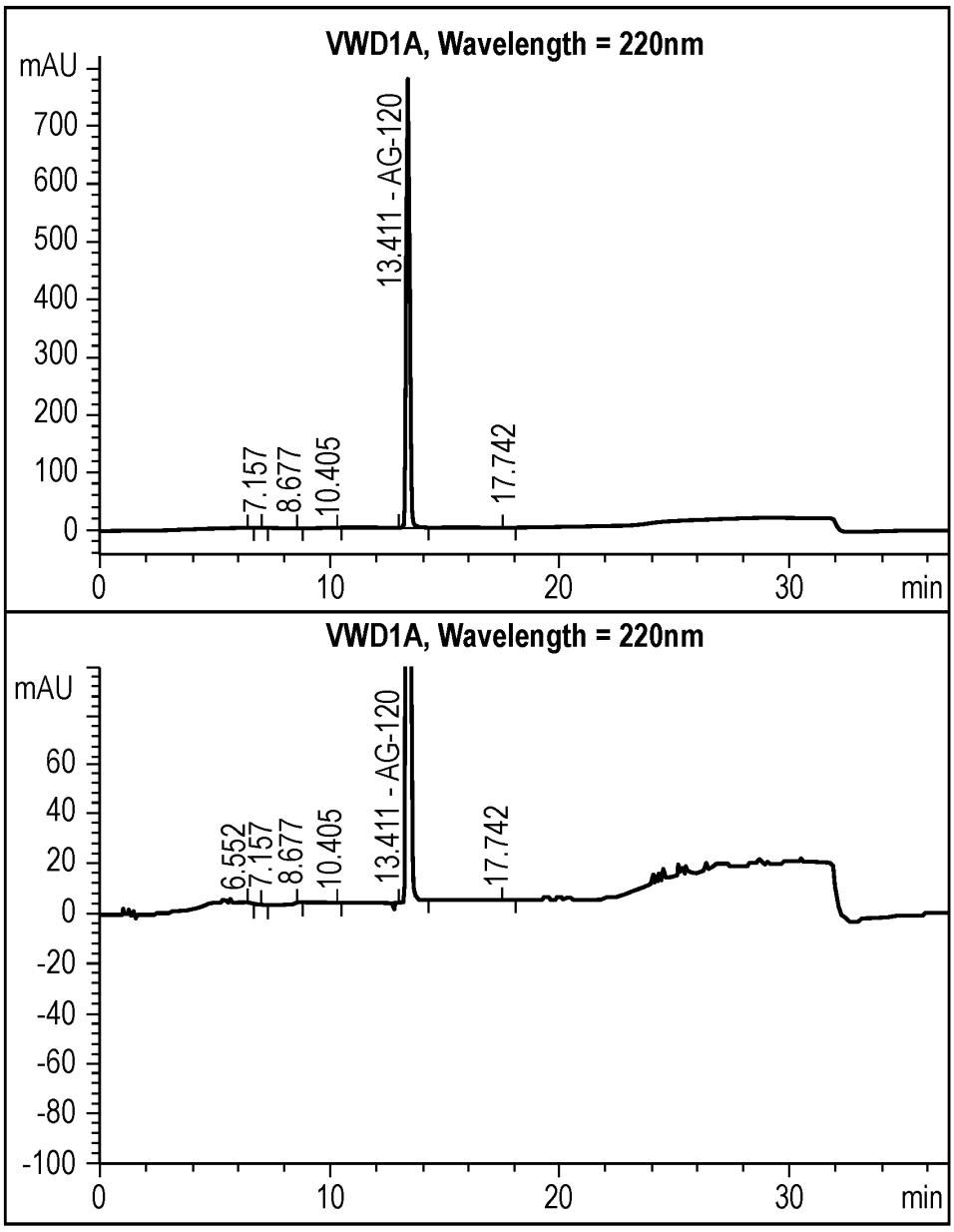

VWD1A, Wavelength = 220nm
mAU
700
600
500
400
300
200
100
0
13.411 - AG-120
7.157
8.677
10.405
17.742
0
10
20
30
min
VWD1A, Wavelength = 220nm
mAU
60
40
20
0
-20
-40
-60
-80
-100
6.552
7.157
8.677
10.405
13.411 - AG-120
17.742
0
10
20
30
min

Fig. 8

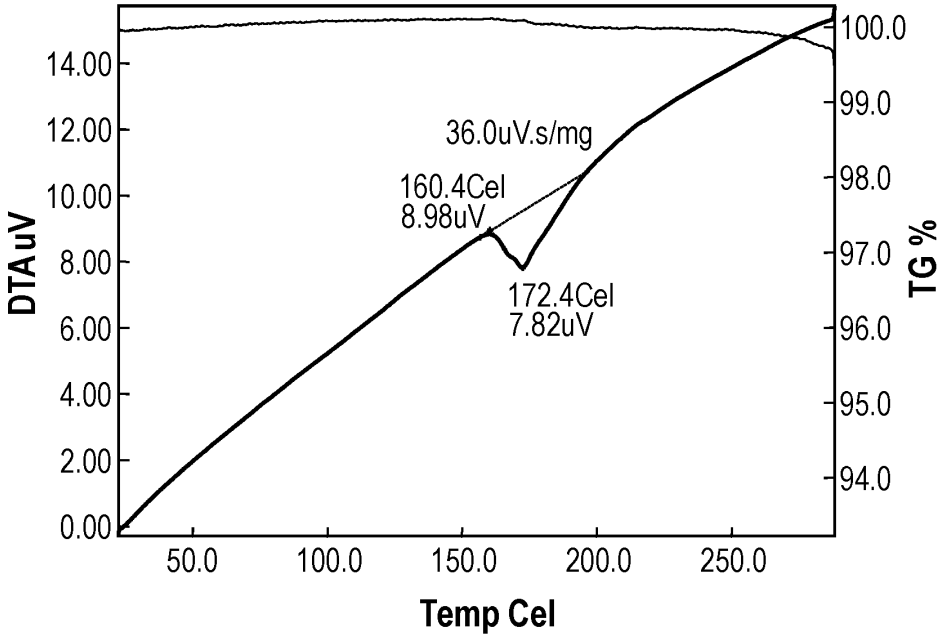

DTA uV
TG %
Temp Cel
36.0uV.s/mg
160.4Cel
8.98uV
172.4Cel
7.82uV
14.00
12.00
10.00
8.00
6.00
4.00
2.00
0.00
100.0
99.0
98.0
97.0
96.0
95.0
94.0
50.0
100.0
150.0
200.0
250.0

Fig. 9

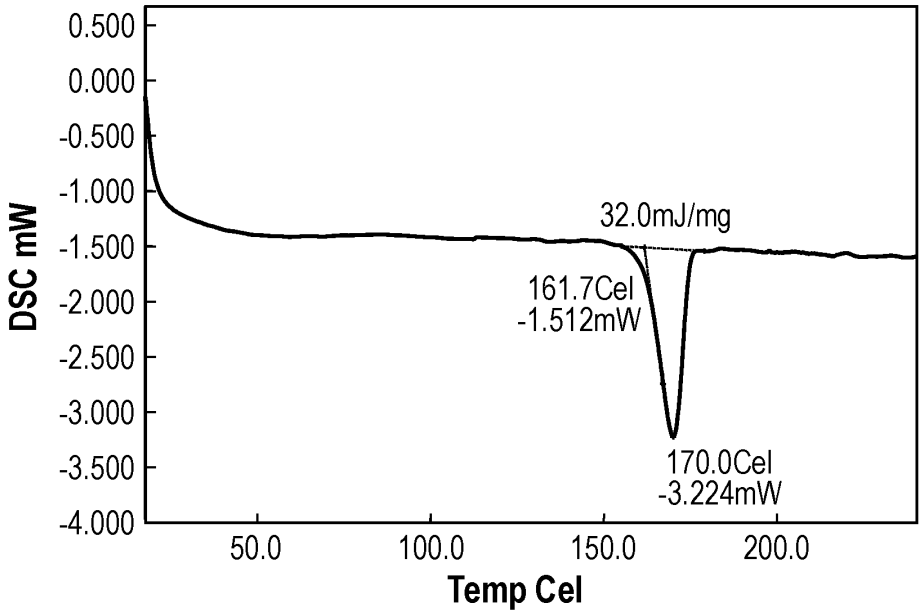

DSC mW
Temp Cel
32.0mJ/mg
161.7Cel
-1.512mW
170.0Cel
-3.224mW
0.500
0.000
-0.500
-1.000
-1.500
-2.000
-2.500
-3.000
-3.500
-4.000
50.0
100.0
150.0
200.0

Fig. 10

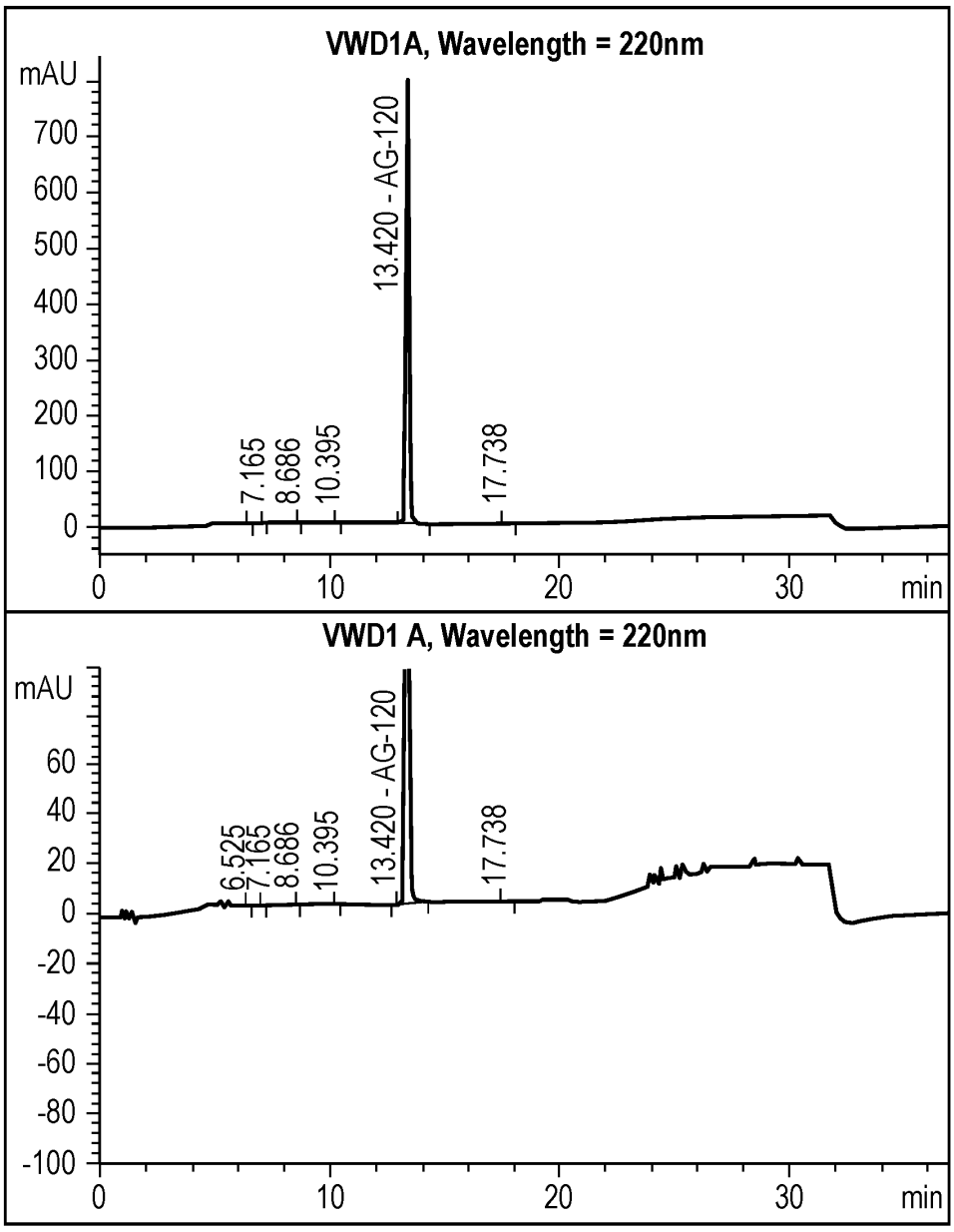

VWD1A, Wavelength = 220nm
mAU
700
600
500
400
300
200
100
0
13.420 - AG-120
7.165
8.686
10.395
17.738
0
10
20
30
min
VWD1 A, Wavelength = 220nm
mAU
60
40
20
0
-20
-40
-60
-80
-100
6.525
7.165
8.686
10.395
13.420 - AG-120
17.738
0
10
20
30
min

Fig. 11

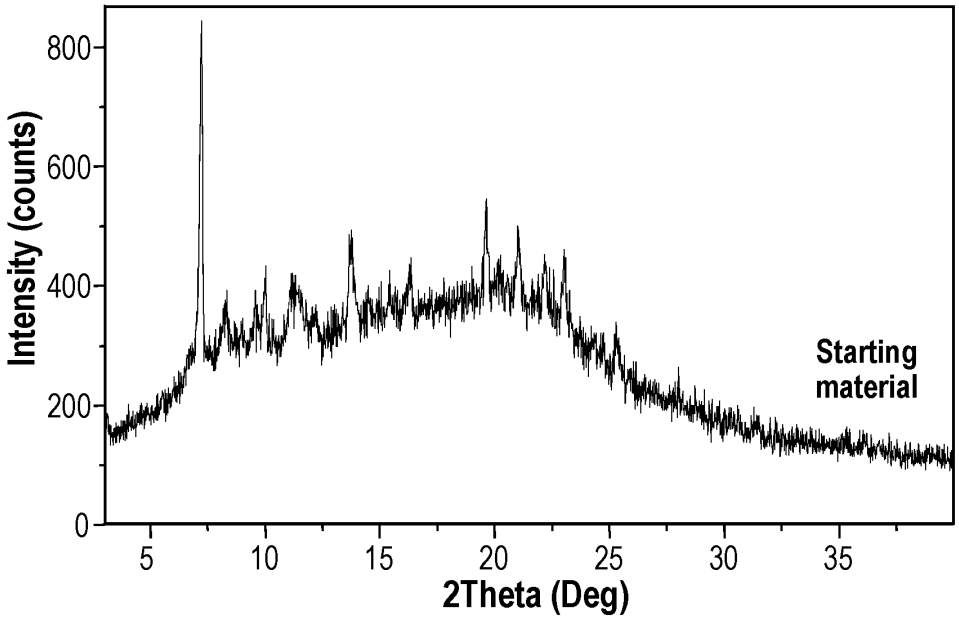

Intensity (counts)
800
600
400
200
0
5
10
15
20
25
30
35
2Theta (Deg)
Starting material

Fig. 12

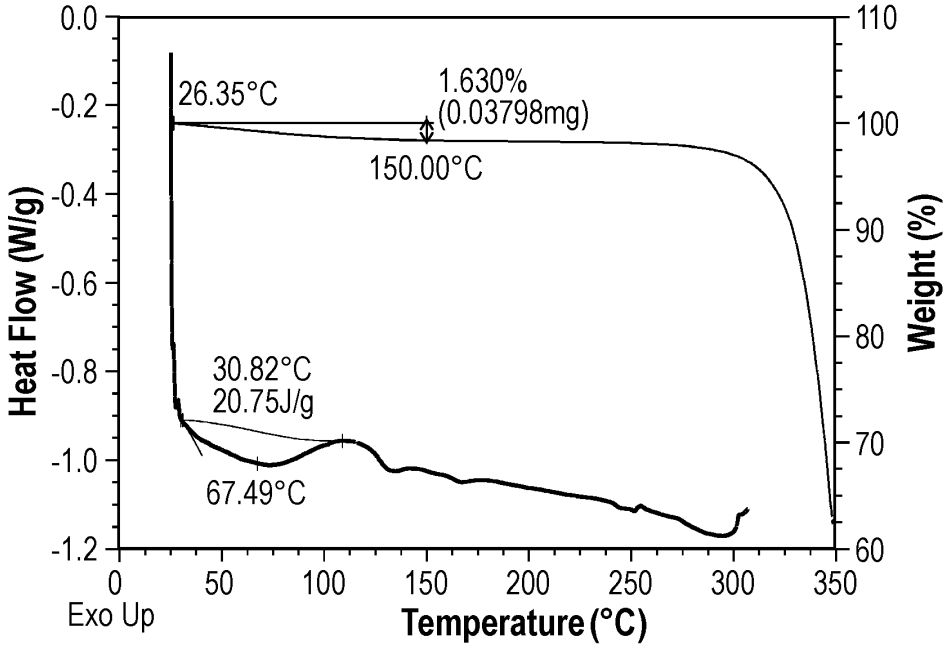

Heat Flow (W/g)
0.0
-0.2
-0.4
-0.6
-0.8
-1.0
-1.2
Exo Up
Weight (%)
110
100
90
80
70
60
0
50
100
150
200
250
300
350
Temperature (°C)
26.35°C
1.630%
(0.03798mg)
150.00°C
30.82°C
20.75J/g
67.49°C

Fig. 13

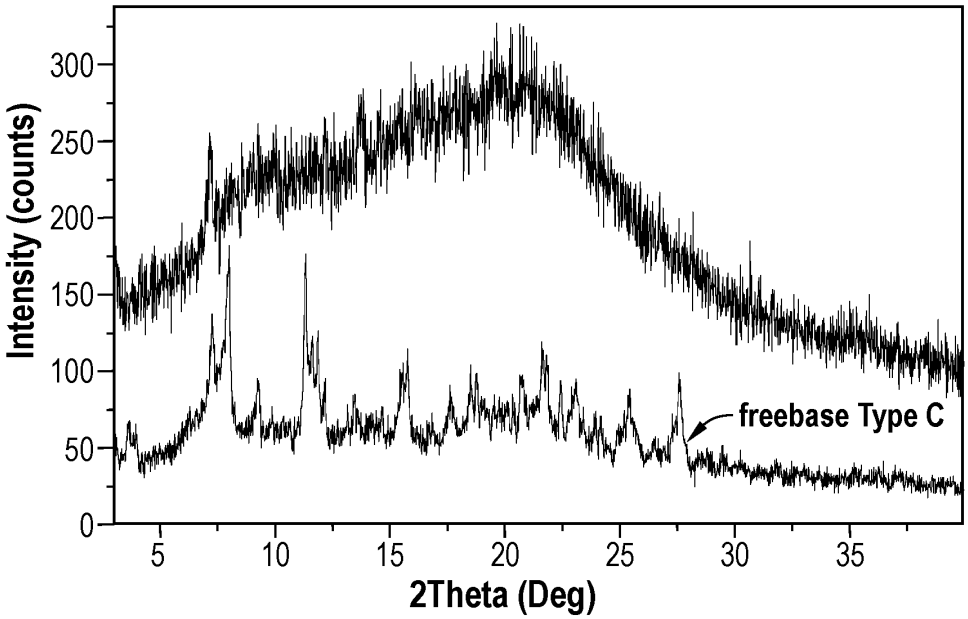

Intensity (counts)
300
250
200
150
100
50
0
5
10
15
20
25
30
35
2Theta (Deg)
freebase Type C

Fig. 14

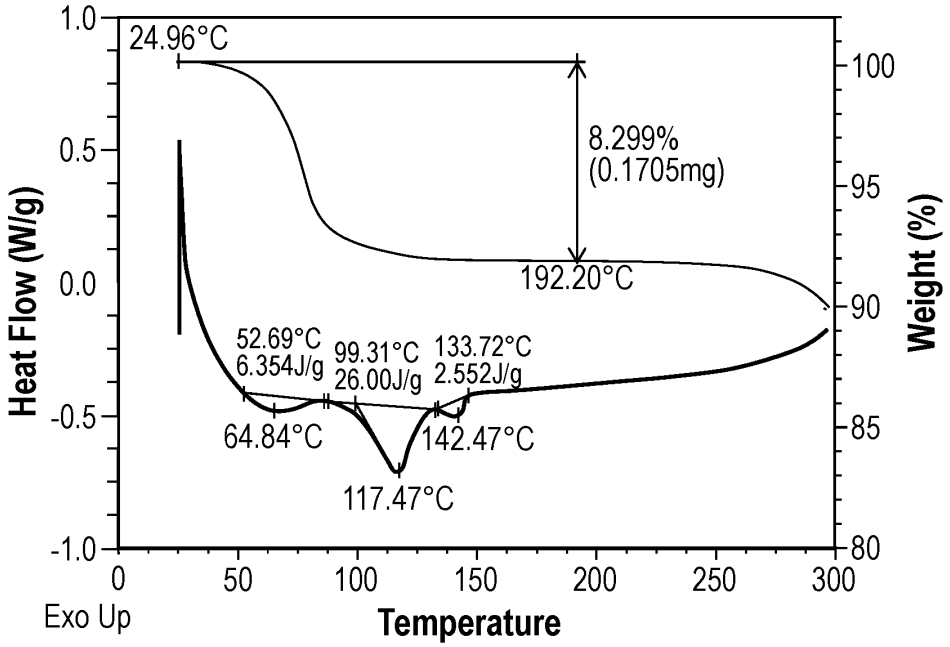

Heat Flow (W/g)
1.0
0.5
0.0
-0.5
-1.0
Weight (%)
100
95
90
85
80
24.96°C
8.299%
(0.1705mg)
192.20°C
52.69°C
6.354J/g
99.31°C
26.00J/g
133.72°C
2.552J/g
64.84°C
142.47°C
117.47°C
0
50
100
150
200
250
300
Exo Up
Temperature

Fig. 15

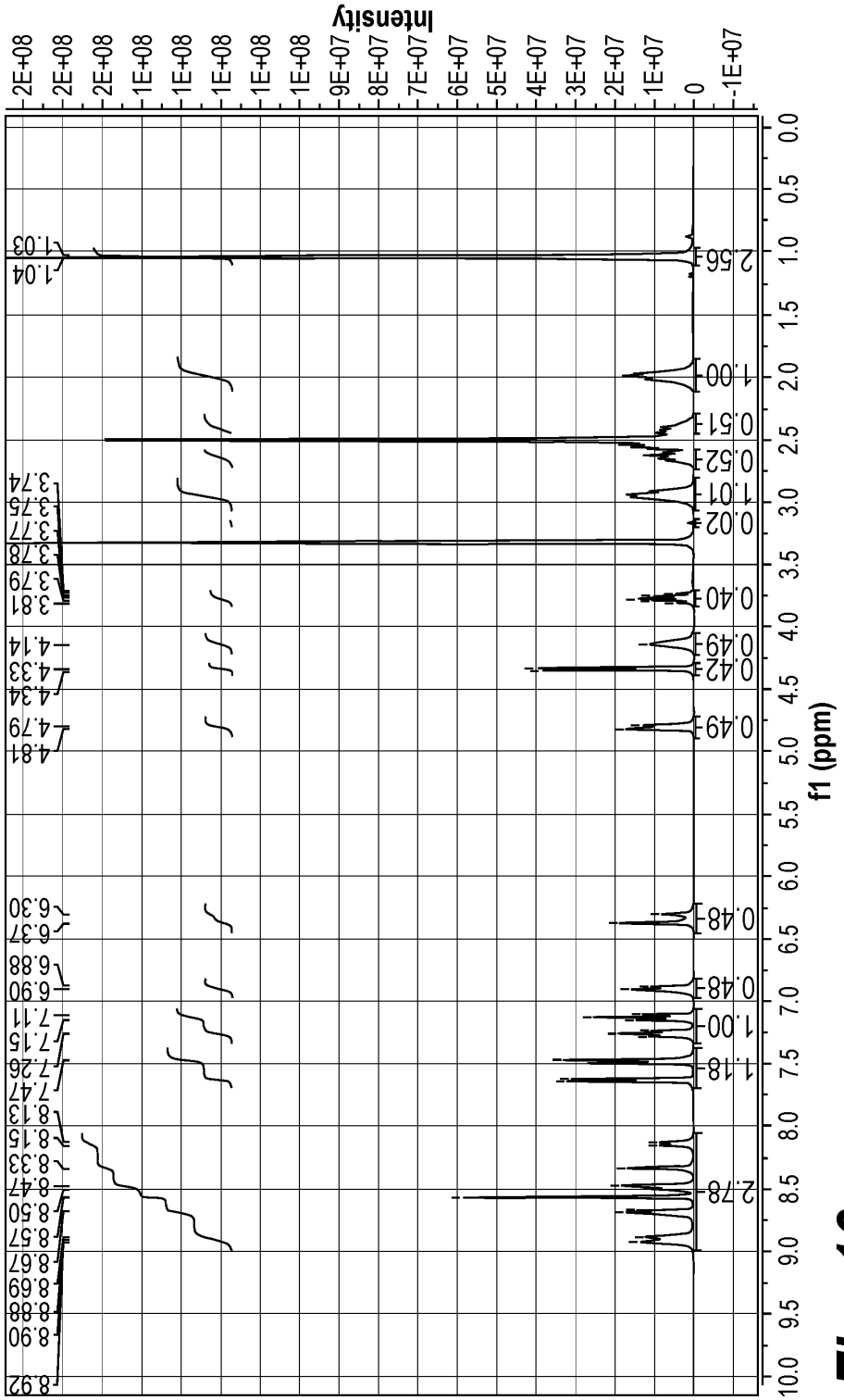

Intensity
2E+08
2E+08
2E+08
1E+08
1E+08
1E+08
1E+08
1E+08
9E+07
8E+07
7E+07
6E+07
5E+07
4E+07
3E+07
2E+07
1E+07
0
-1E+07
1.03
1.04
8.92
8.90
8.88
8.69
8.67
8.57
8.50
8.47
8.33
8.15
8.13
7.47
7.26
7.15
7.11
6.90
6.88
6.37
6.30
4.81
4.79
4.34
4.33
4.14
3.81
3.79
3.78
3.77
3.75
3.74
2.56
1.00
0.51
0.52
1.01
0.02
0.40
0.49
0.42
0.49
0.48
0.48
1.00
1.18
2.78
0.0
0.5
1.0
1.5
2.0
2.5
3.0
3.5
4.0
4.5
5.0
5.5
6.0
6.5
7.0
7.5
8.0
8.5
9.0
9.5
10.0
f1 (ppm)

Fig. 16

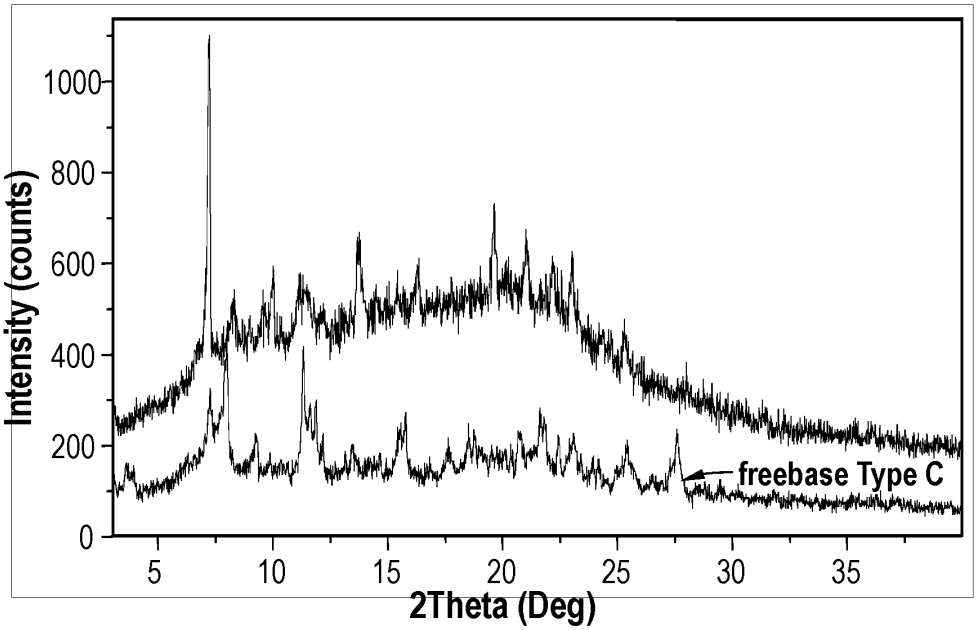

Intensity (counts)
1000
800
600
400
200
0
5
10
15
20
25
30
35
2Theta (Deg)
freebase Type C

Fig. 17

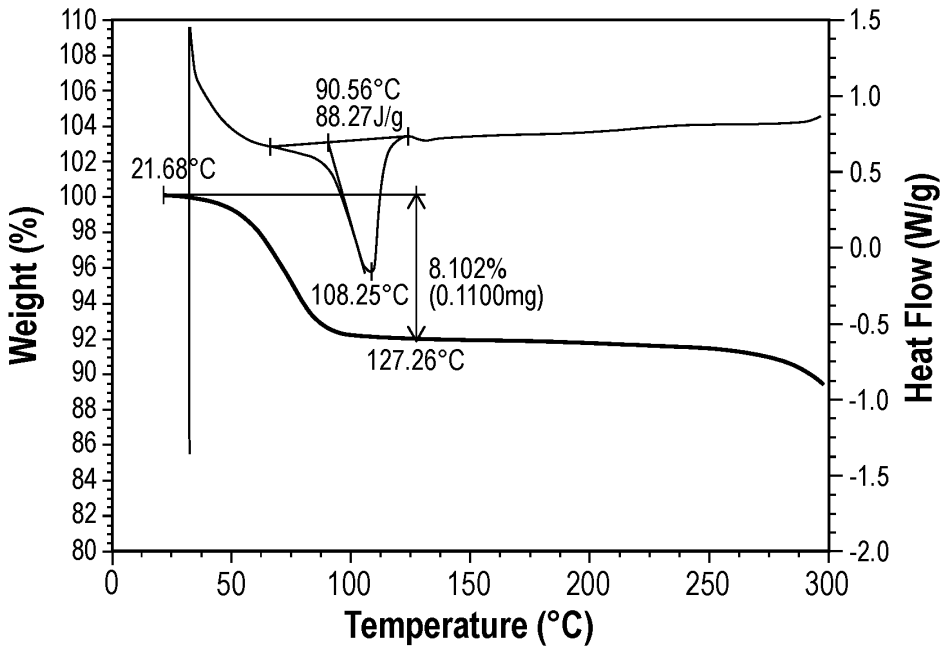

Weight (%)
Heat Flow (W/g)
Temperature (°C)
90.56°C
88.27J/g
21.68°C
108.25°C
8.102%
(0.1100mg)
127.26°C

Fig. 18

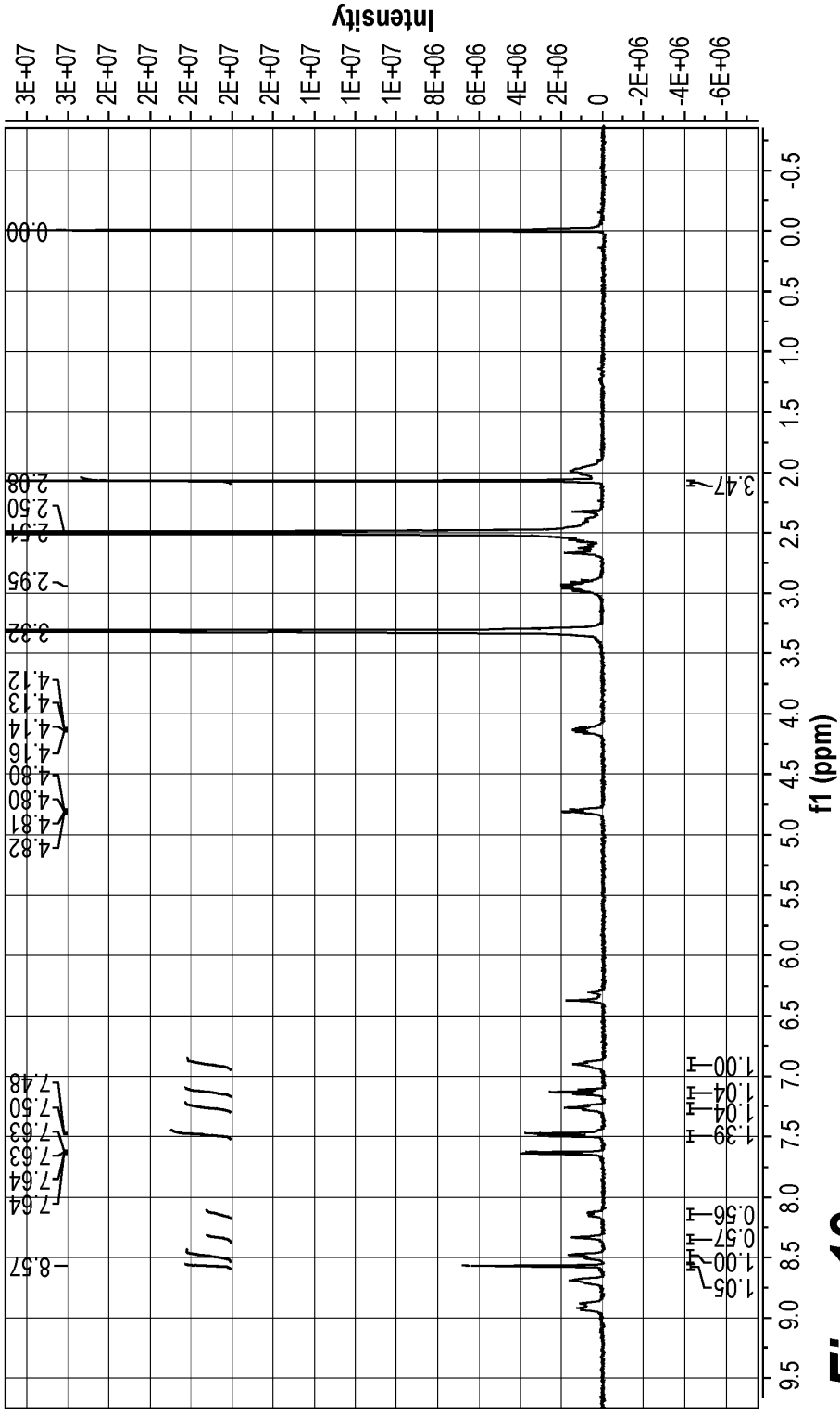

Intensity
3E+07
3E+07
2E+07
2E+07
2E+07
2E+07
2E+07
1E+07
1E+07
1E+07
8E+06
6E+06
4E+06
2E+06
0
-2E+06
-4E+06
-6E+06
f1 (ppm)
9.5
9.0
8.5
8.0
7.5
7.0
6.5
6.0
5.5
5.0
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
0.00
2.08
2.50
2.51
2.95
3.32
4.12
4.13
4.14
4.16
4.80
4.80
4.81
4.82
7.48
7.50
7.63
7.63
7.64
7.64
8.57
3.47
1.05
1.00
0.57
0.56
1.39
1.04
1.04
1.00

Fig. 19

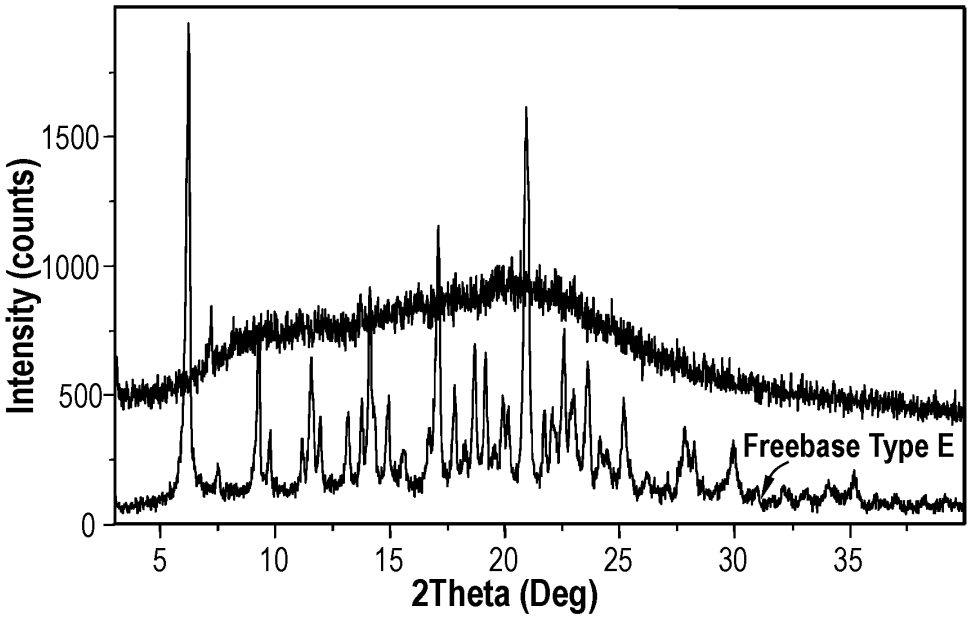

Intensity (counts)
1500
1000
500
0
5
10
15
20
25
30
35
2Theta (Deg)
Freebase Type E

Fig. 20

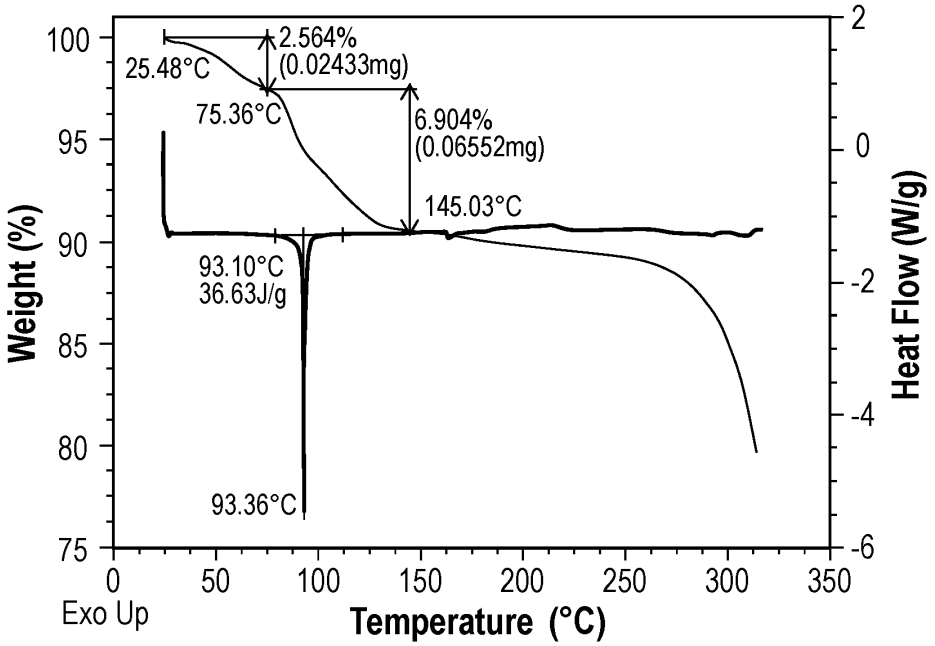

Weight (%)
100
95
90
85
80
75
2.564%
(0.02433mg)
25.48°C
75.36°C
6.904%
(0.06552mg)
145.03°C
93.10°C
36.63J/g
93.36°C
0
50
100
150
200
250
300
350
Exo Up
Temperature (°C)
Heat Flow (W/g)
2
0
-2
-4
-6

Fig. 21

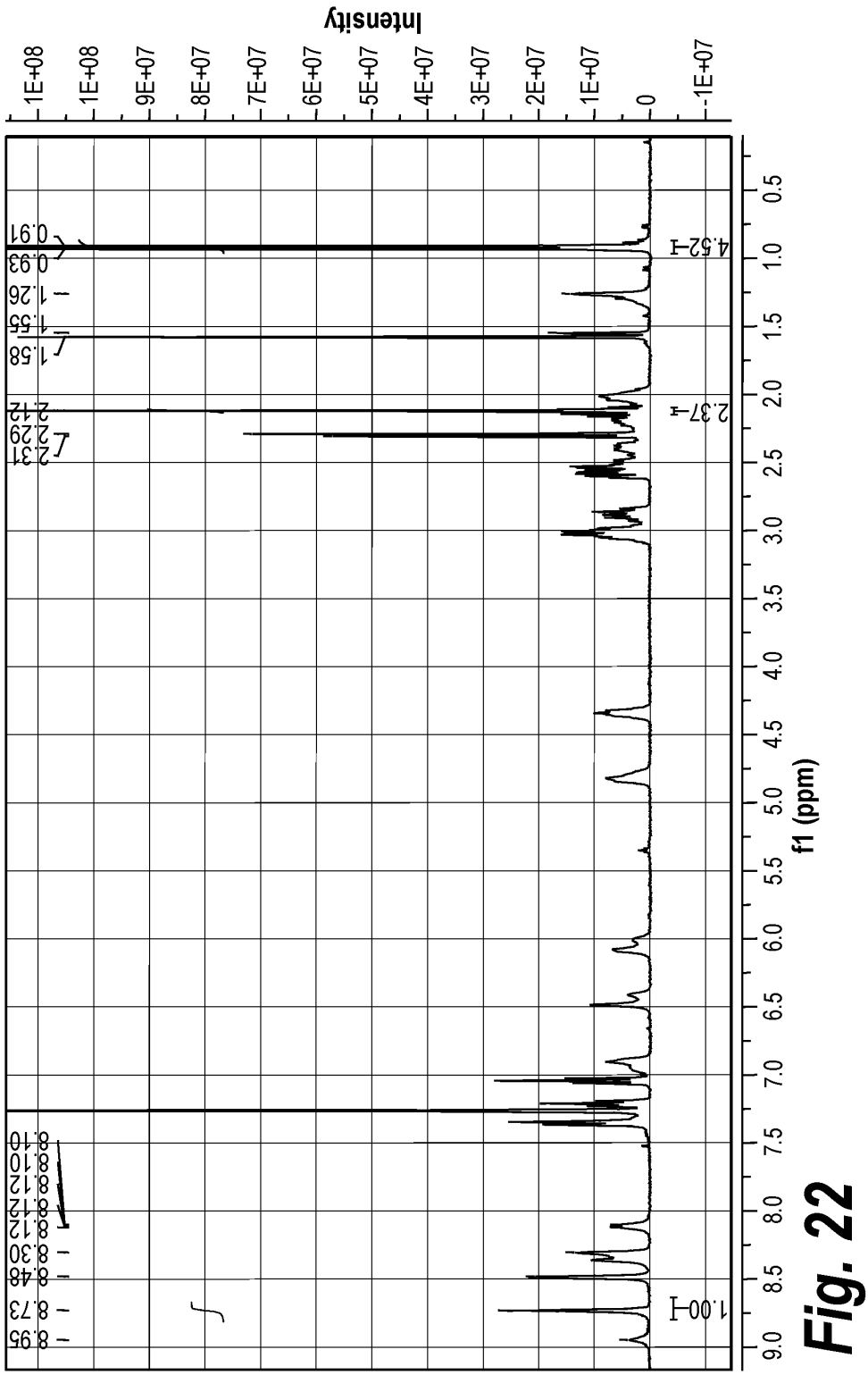

Intensity
1E+08
1E+08
9E+07
8E+07
7E+07
6E+07
5E+07
4E+07
3E+07
2E+07
1E+07
0
-1E+07
f1 (ppm)
9.0
8.5
8.0
7.5
7.0
6.5
6.0
5.5
5.0
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
8.95
8.73
8.48
8.30
8.12
8.12
8.12
8.10
8.10
2.31
2.29
2.12
1.58
1.55
1.26
0.93
0.91
1.00
2.37
4.52

Fig. 22

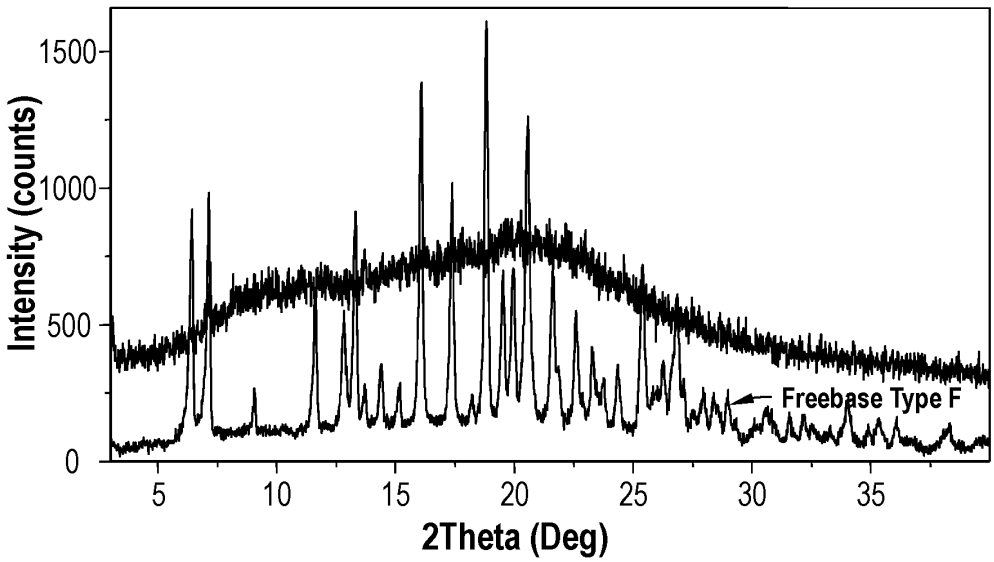

Intensity (counts)
1500
1000
500
0
5
10
15
20
25
30
35
2Theta (Deg)
Freebase Type F

Fig. 23

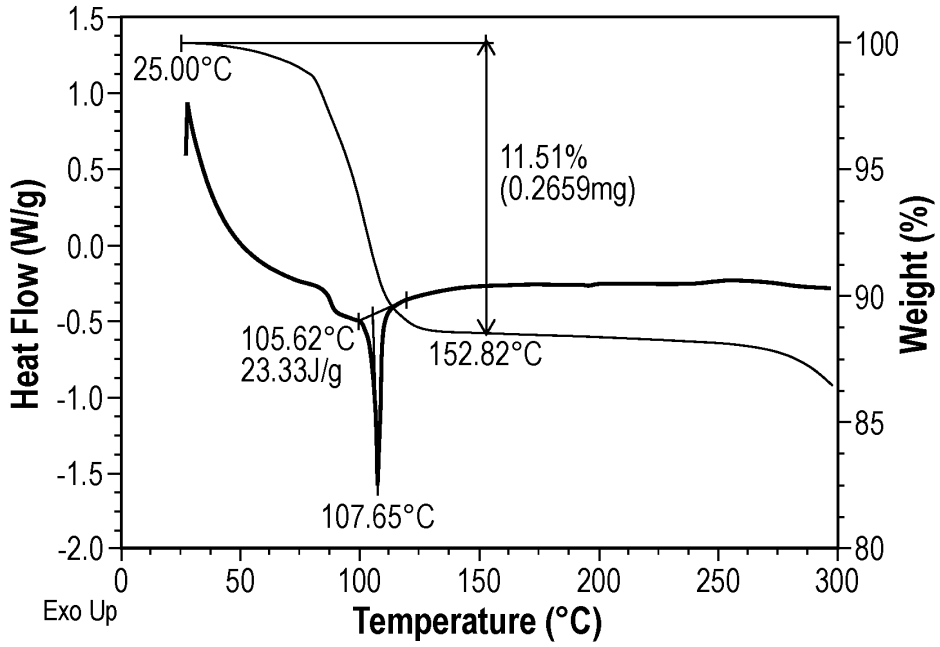

Heat Flow (W/g)
1.5
1.0
0.5
0.0
-0.5
-1.0
-1.5
-2.0
Exo Up
Weight (%)
100
95
90
85
80
0
50
100
150
200
250
300
Temperature (°C)
25.00°C
11.51%
(0.2659mg)
105.62°C
23.33J/g
152.82°C
107.65°C

Fig. 24

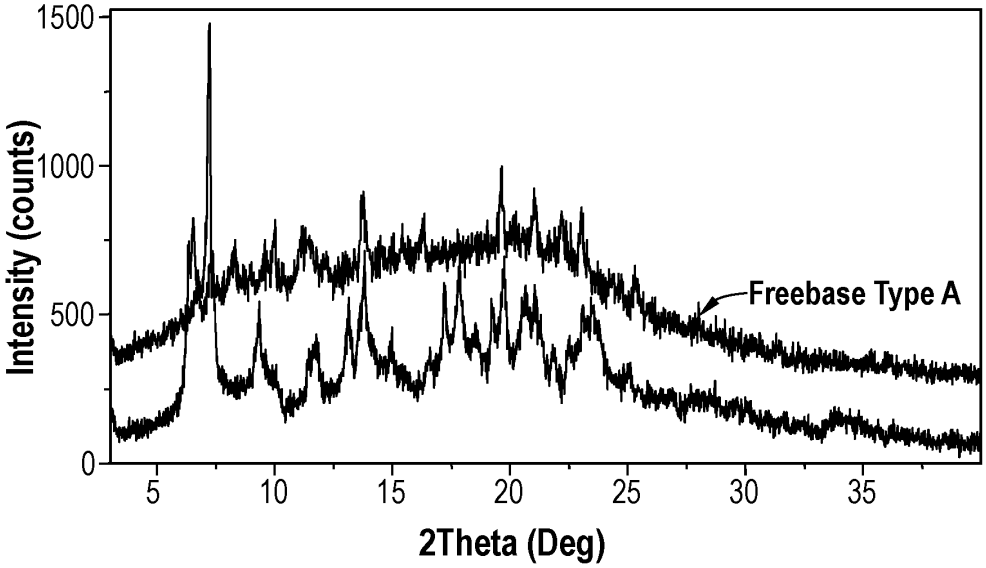

Intensity (counts)
1500
1000
500
0
5
10
15
20
25
30
35
2Theta (Deg)
Freebase Type A

Fig. 25

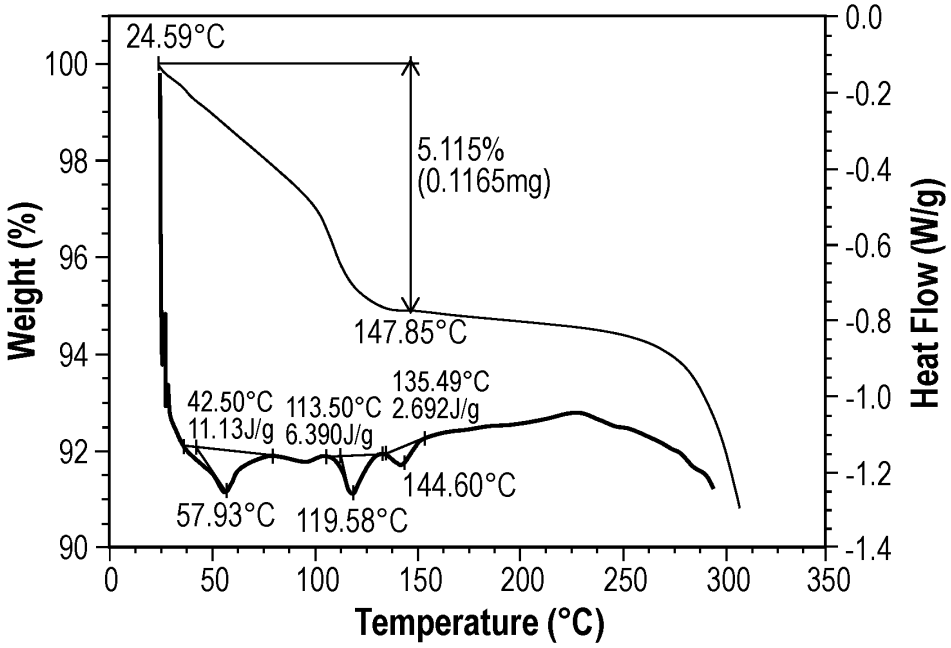

Weight (%)
100
98
96
94
92
90
Heat Flow (W/g)
0.0
-0.2
-0.4
-0.6
-0.8
-1.0
-1.2
-1.4
0
50
100
150
200
250
300
350
Temperature (°C)
24.59°C
5.115%
(0.1165mg)
147.85°C
135.49°C
2.692J/g
42.50°C
11.13J/g
113.50°C
6.390J/g
144.60°C
57.93°C
119.58°C

Fig. 26

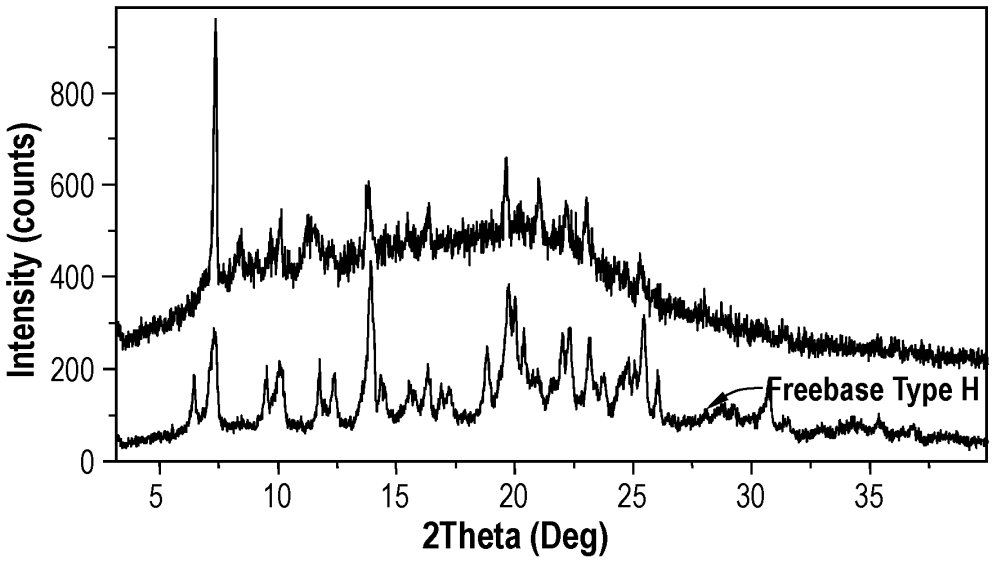

Intensity (counts)
800
600
400
200
0
5
10
15
20
25
30
35
2Theta (Deg)
Freebase Type H

Fig. 27

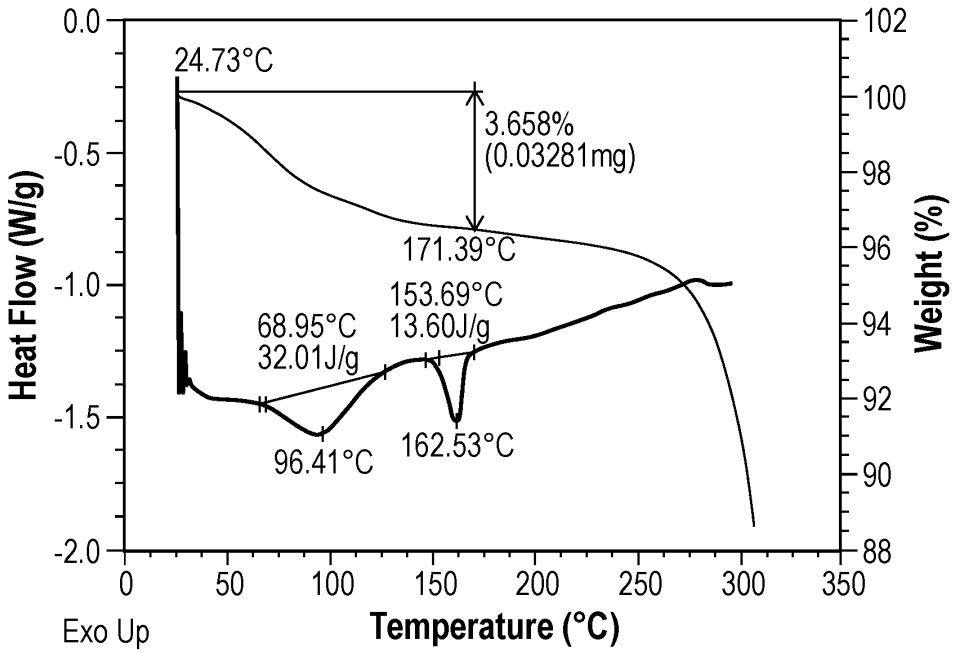

Heat Flow (W/g)
0.0
-0.5
-1.0
-1.5
-2.0
Exo Up
Weight (%)
102
100
98
96
94
92
90
88
0
50
100
150
200
250
300
350
Temperature (°C)
24.73°C
3.658%
(0.03281mg)
171.39°C
153.69°C
13.60J/g
68.95°C
32.01J/g
96.41°C
162.53°C

Fig. 28

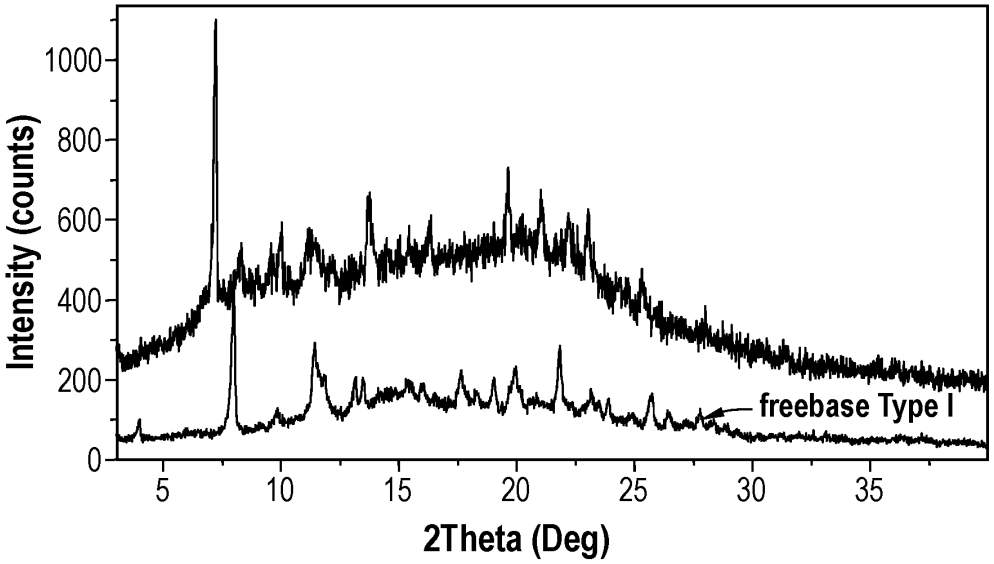

Intensity (counts)
1000
800
600
400
200
0
5
10
15
20
25
30
35
2Theta (Deg)
freebase Type I

Fig. 29

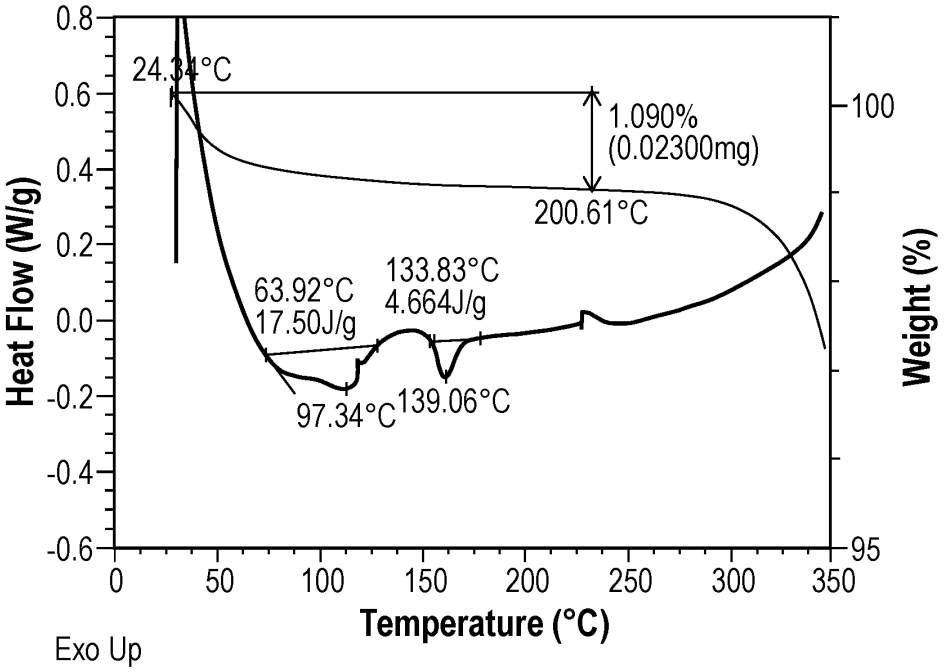

Heat Flow (W/g)
0.8
0.6
0.4
0.2
0.0
-0.2
-0.4
-0.6
24.34°C
1.090%
(0.02300mg)
200.61°C
63.92°C
17.50J/g
133.83°C
4.664J/g
97.34°C
139.06°C
100
95
Weight (%)
0
50
100
150
200
250
300
350
Temperature (°C)
Exo Up

Fig. 30

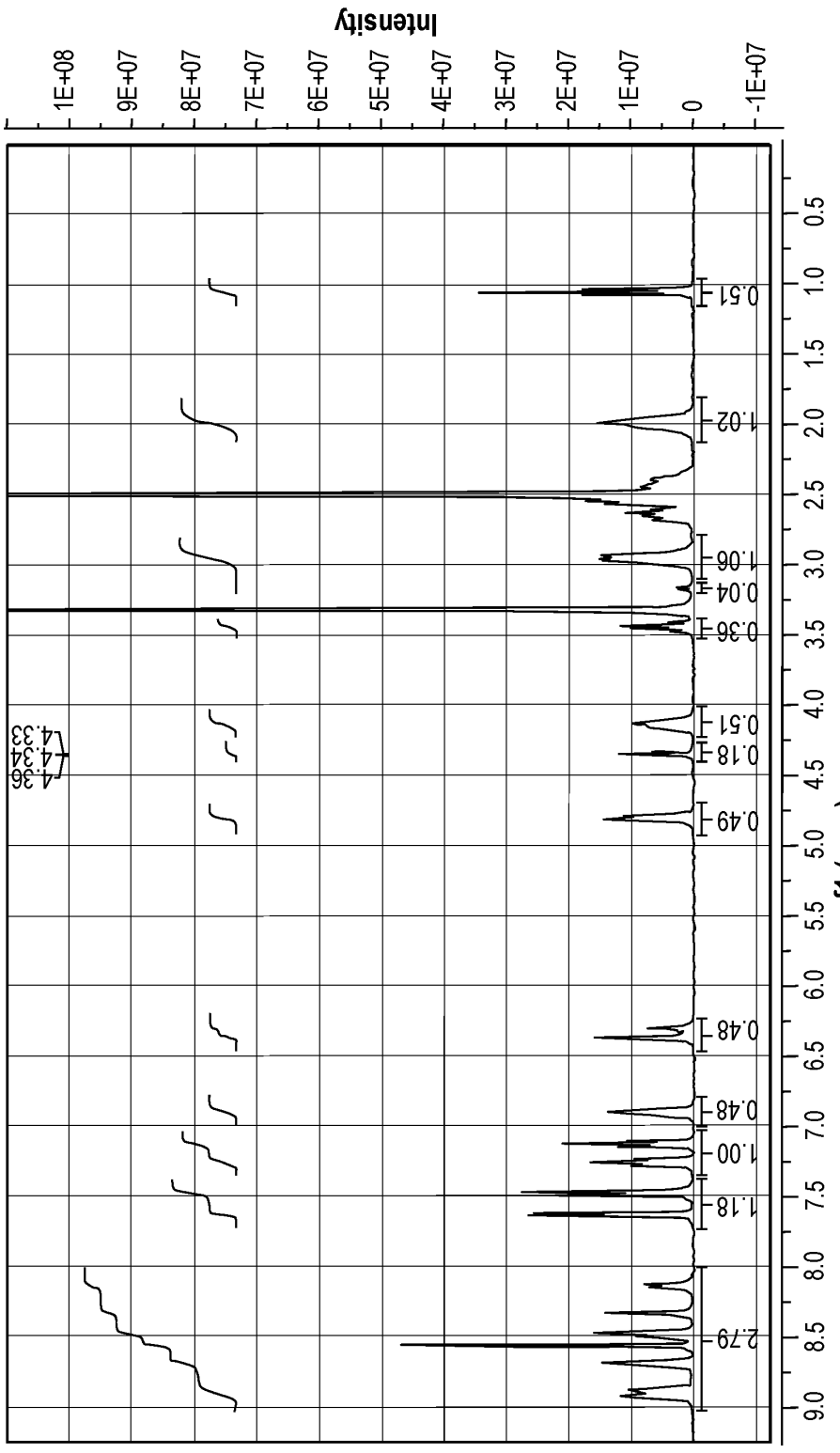

Intensity
1E+08
9E+07
8E+07
7E+07
6E+07
5E+07
4E+07
3E+07
2E+07
1E+07
0
-1E+07
f1 (ppm)
9.0
8.5
8.0
7.5
7.0
6.5
6.0
5.5
5.0
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
2.79
1.18
1.00
0.48
0.48
0.49
0.51
0.18
0.36
0.04
1.06
1.02
0.51
4.36
4.34
4.33

Fig. 31

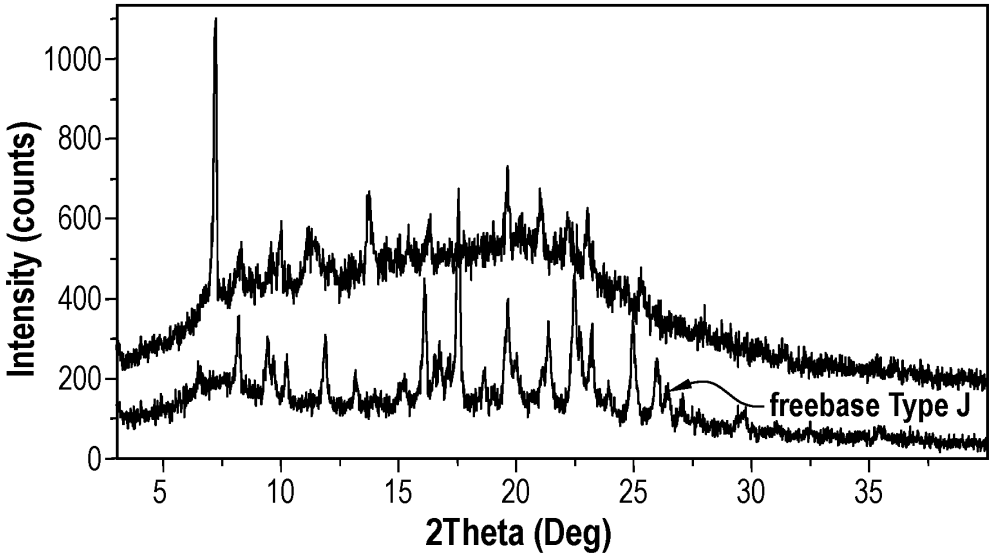

Intensity (counts)
1000
800
600
400
200
0
5
10
15
20
25
30
35
2Theta (Deg)
freebase Type J

Fig. 32

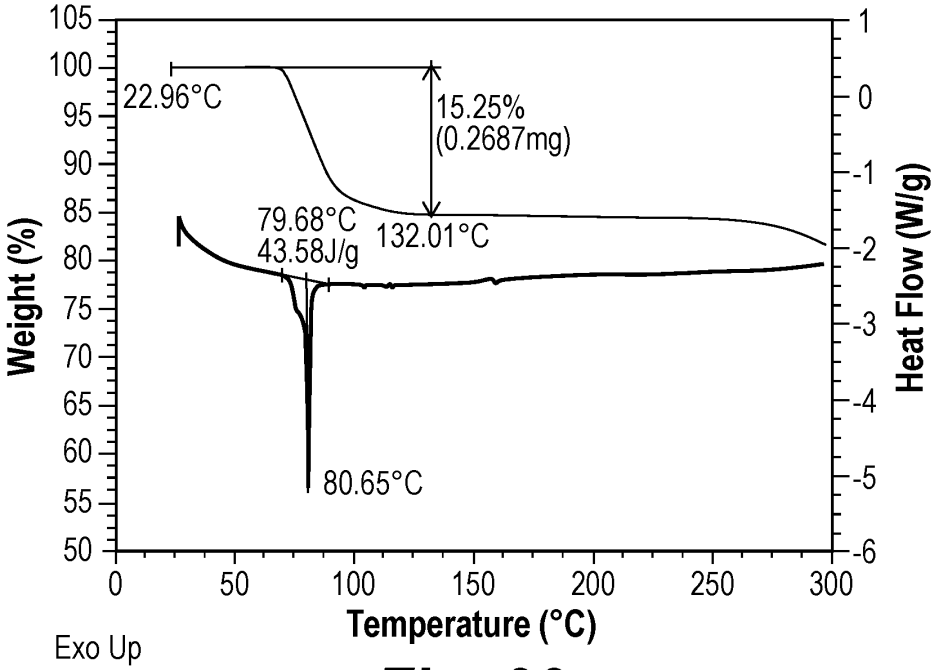

Weight (%)
Heat Flow (W/g)
105
100
95
90
85
80
75
70
65
60
55
50
1
0
-1
-2
-3
-4
-5
-6
0
50
100
150
200
250
300
Temperature (°C)
22.96°C
15.25%
(0.2687mg)
79.68°C
43.58J/g
132.01°C
80.65°C
Exo Up

Fig. 33

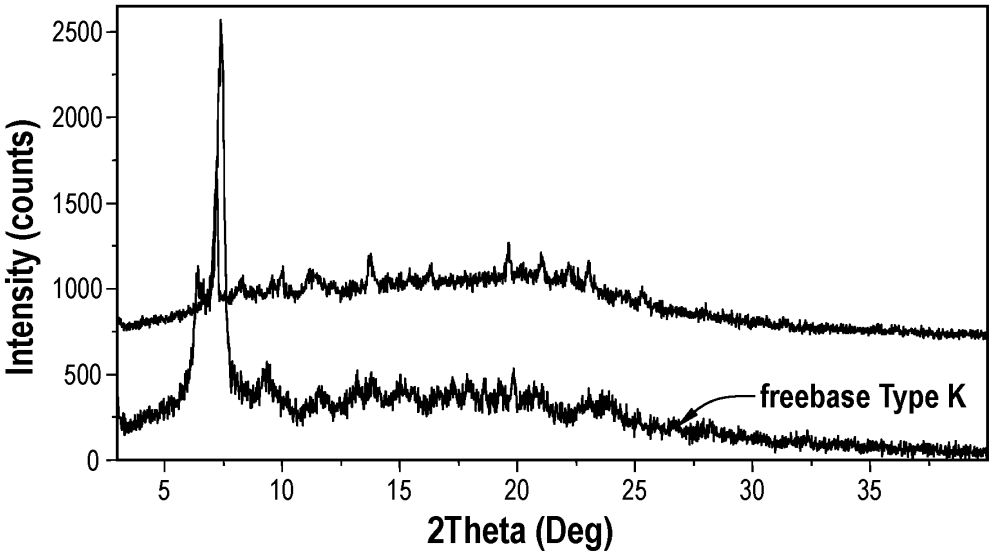

Intensity (counts)
2500
2000
1500
1000
500
0
5
10
15
20
25
30
35
2Theta (Deg)
freebase Type K

Fig. 34

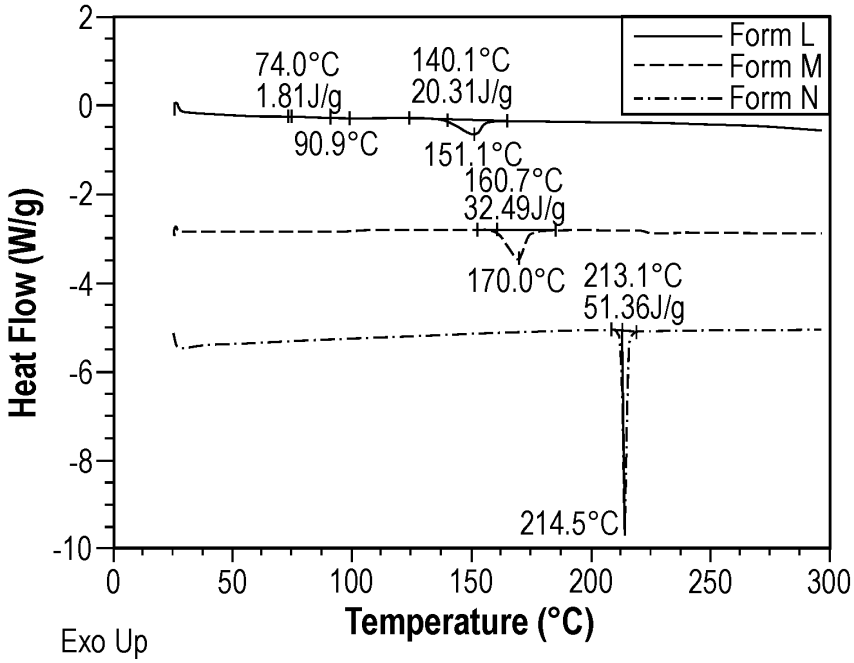

Heat Flow (W/g)
2
0
-2
-4
-6
-8
-10
0
50
100
150
200
250
300
Temperature (°C)
Exo Up
Form L
Form M
Form N
74.0°C
1.81J/g
90.9°C
140.1°C
20.31J/g
151.1°C
160.7°C
32.49J/g
170.0°C
213.1°C
51.36J/g
214.5°C

Fig. 35

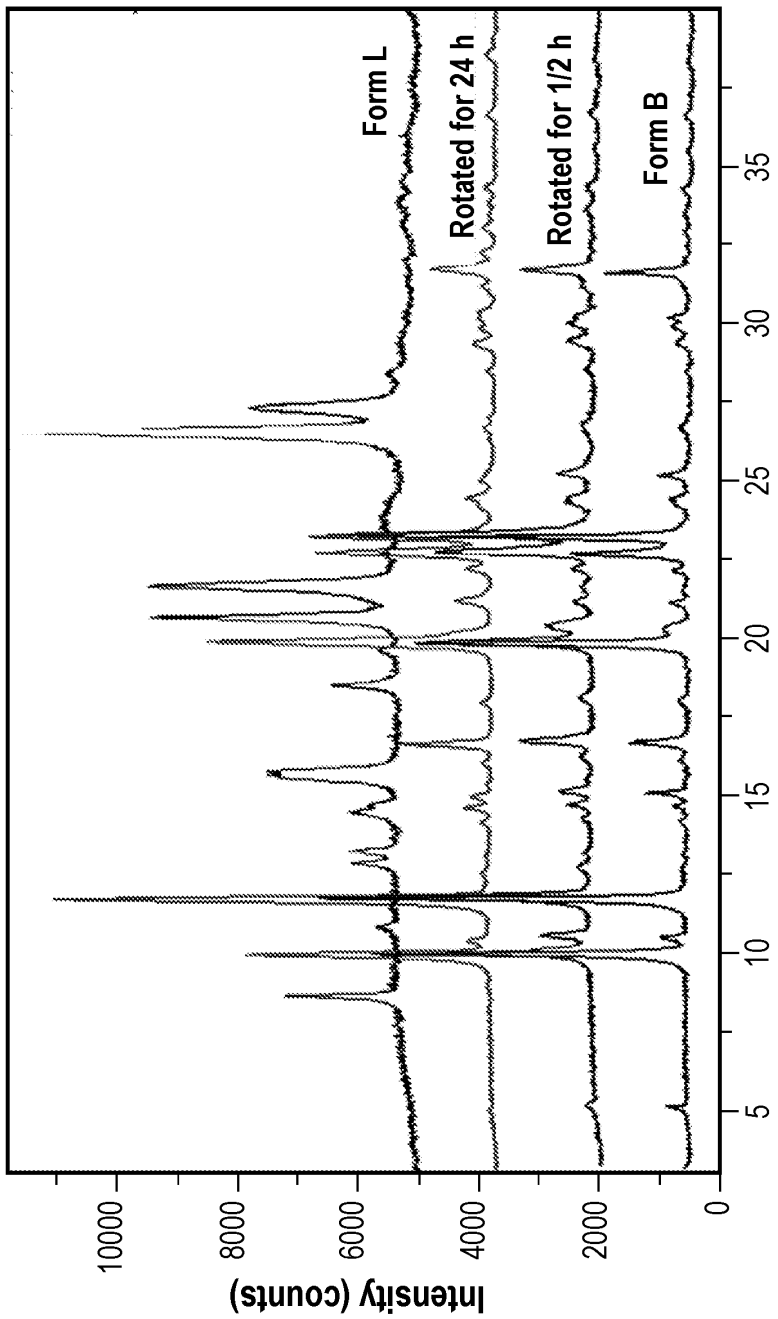

Form L
Rotated for 24 h
Rotated for 1/2 h
Form B
Intensity (counts)
0
2000
4000
6000
8000
10000
5
10
15
20
25
30
35
2Theta (deg)

Fig. 36

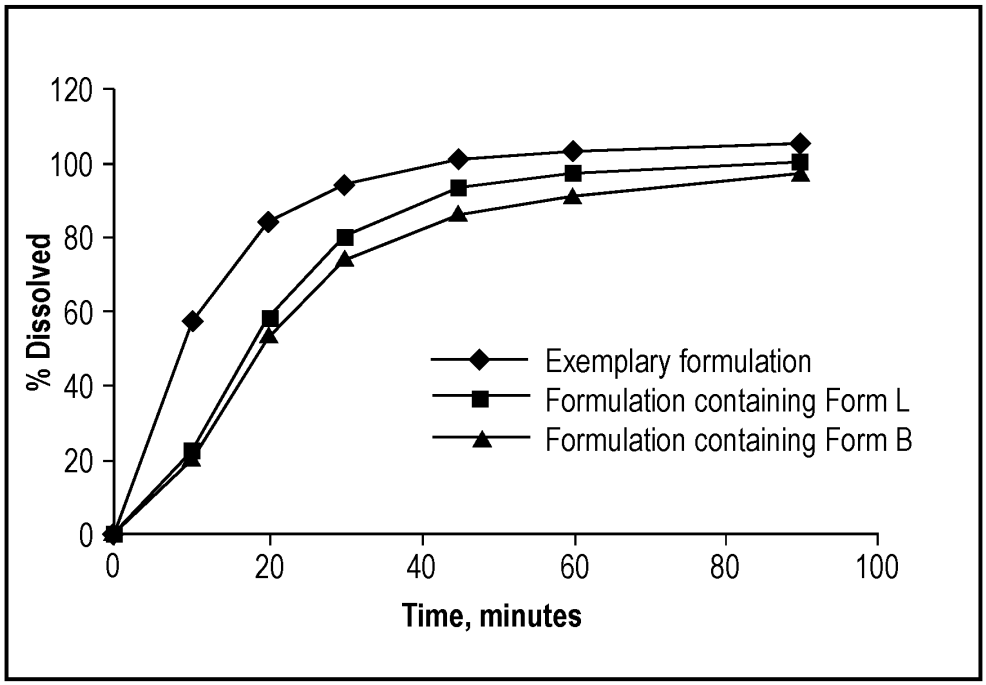

120
100
80
60
40
20
0
% Dissolved
0
20
40
60
80
100
Time, minutes
Exemplary formulation
Formulation containing Form L
Formulation containing Form B

Fig. 37