Figures

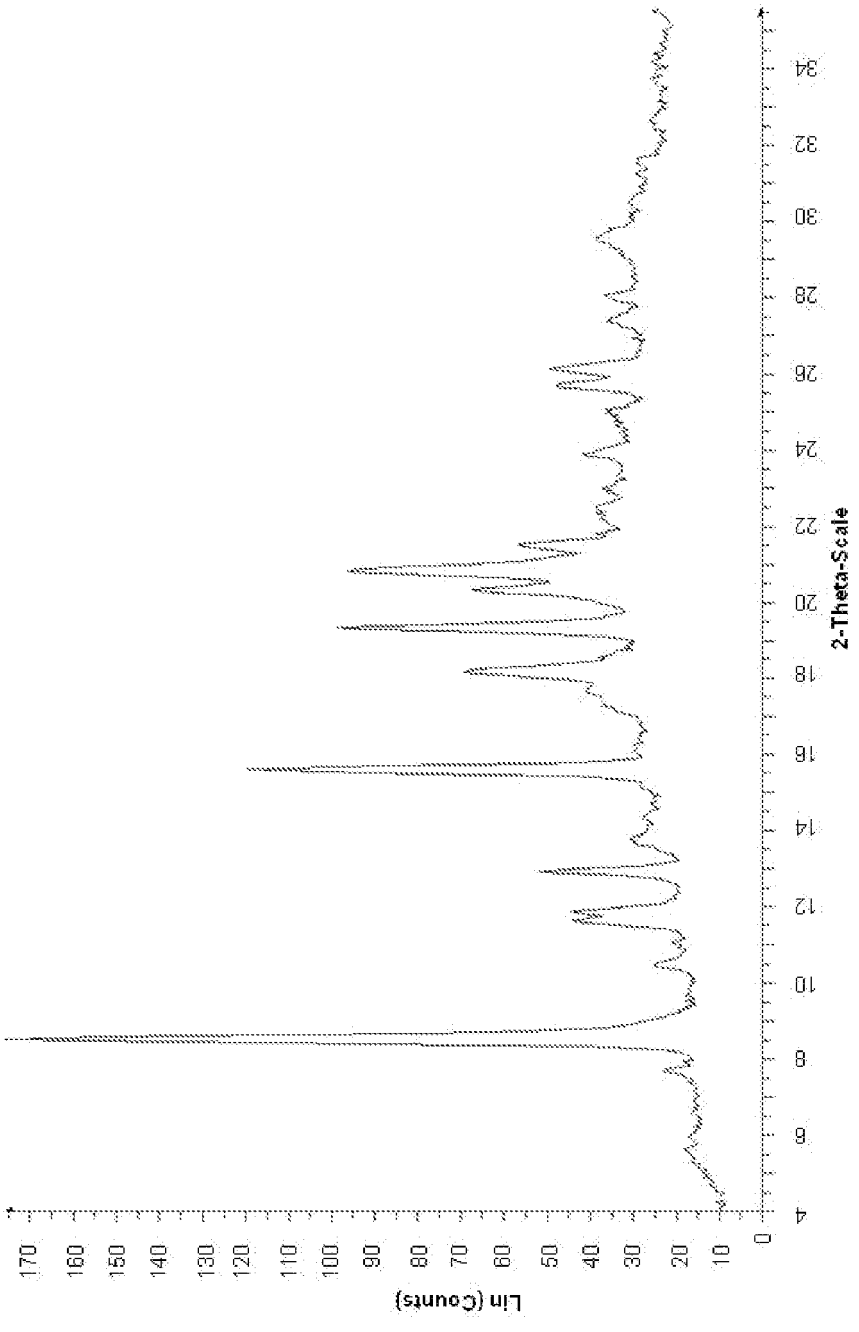

Figure 1

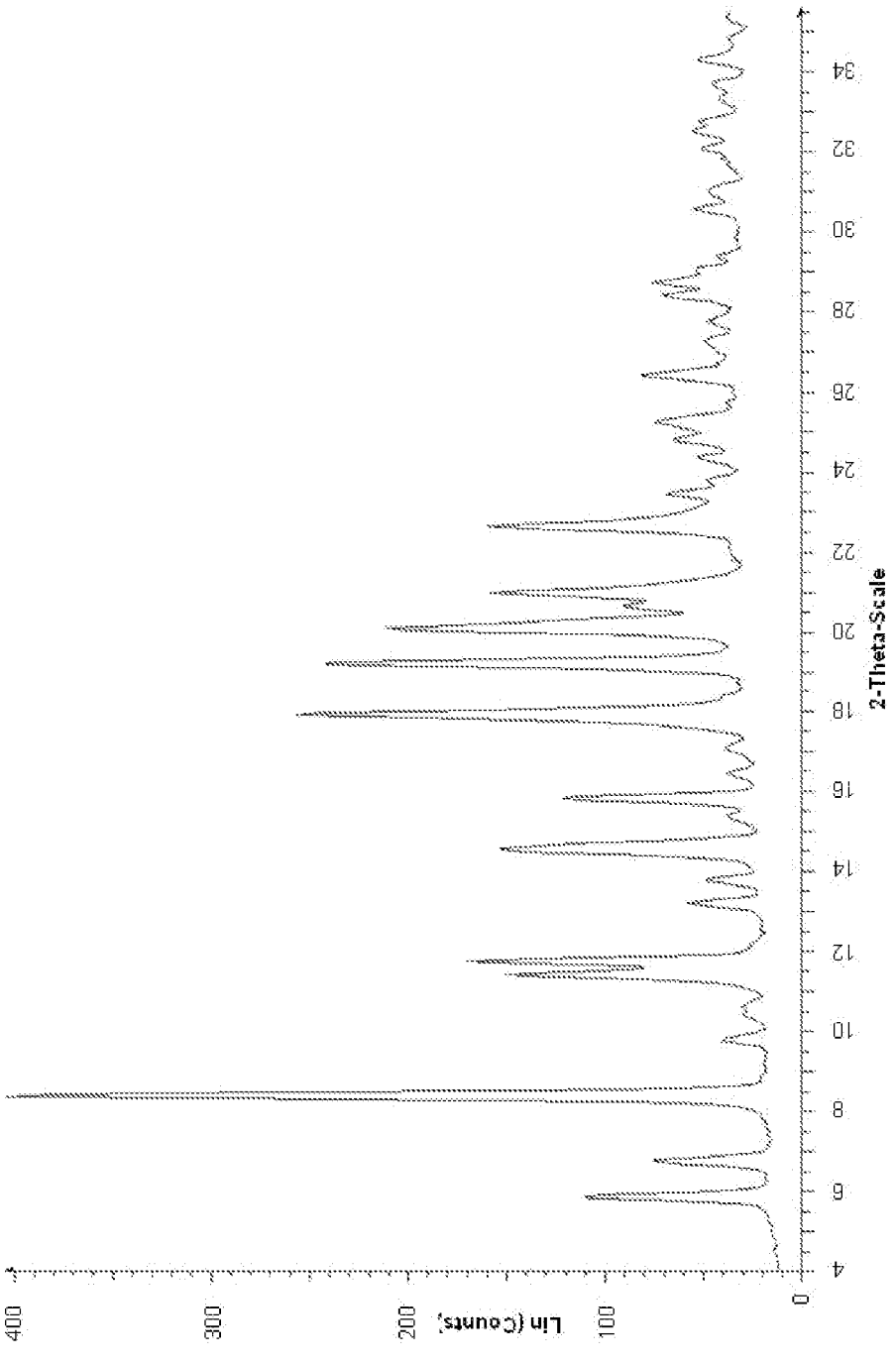
Lin (Counts)
0
100
200
300
400
4
6
8
10
12
14
16
18
20
22
24
26
28
30
32
34
2-Theta-Scale

Figure 2

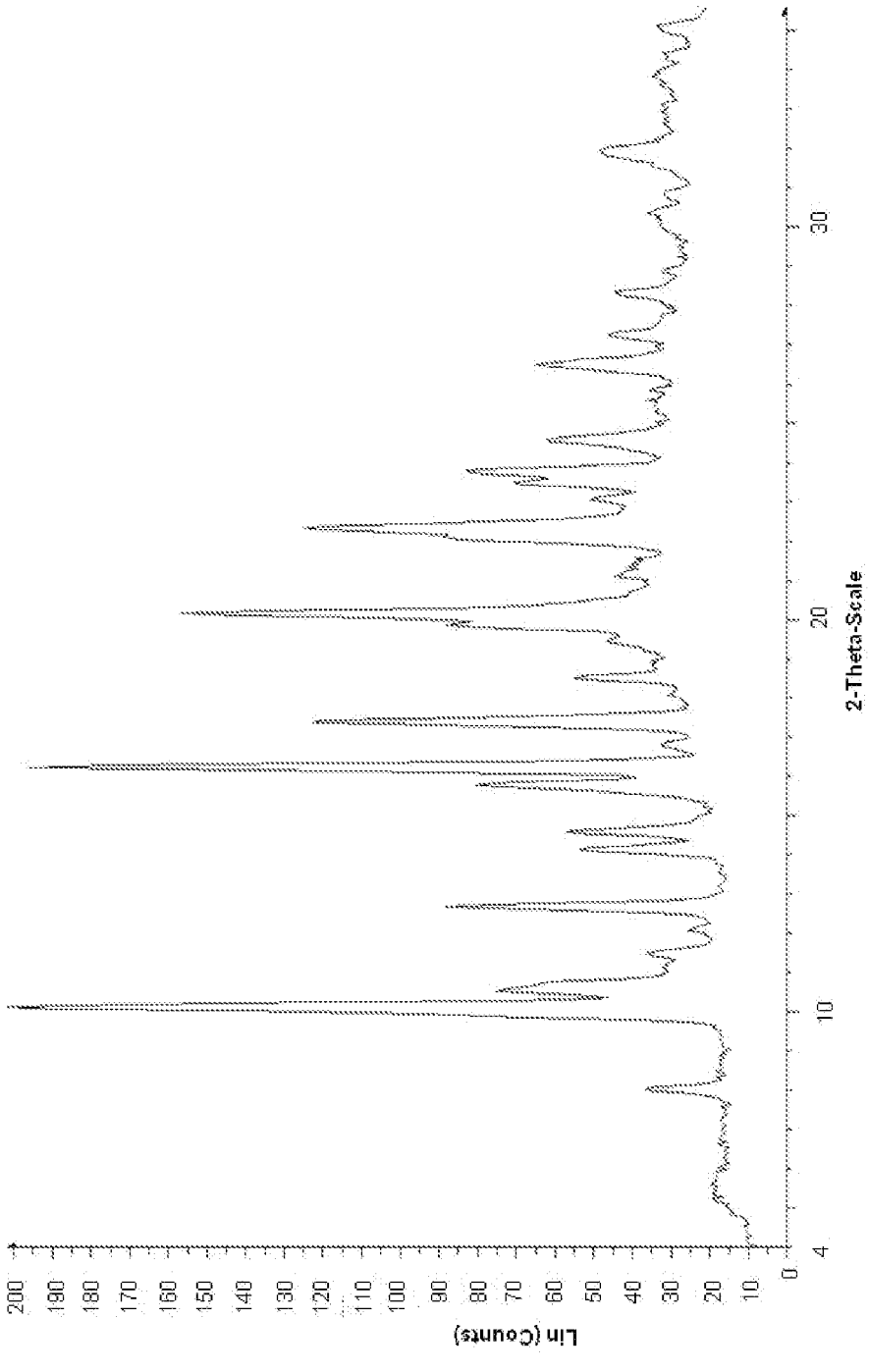
Lin (Counts)
2-Theta-Scale
200
190
180
170
160
150
140
130
120
110
100
90
80
70
60
50
40
30
20
10
0
4
10
20
30

Figure 3

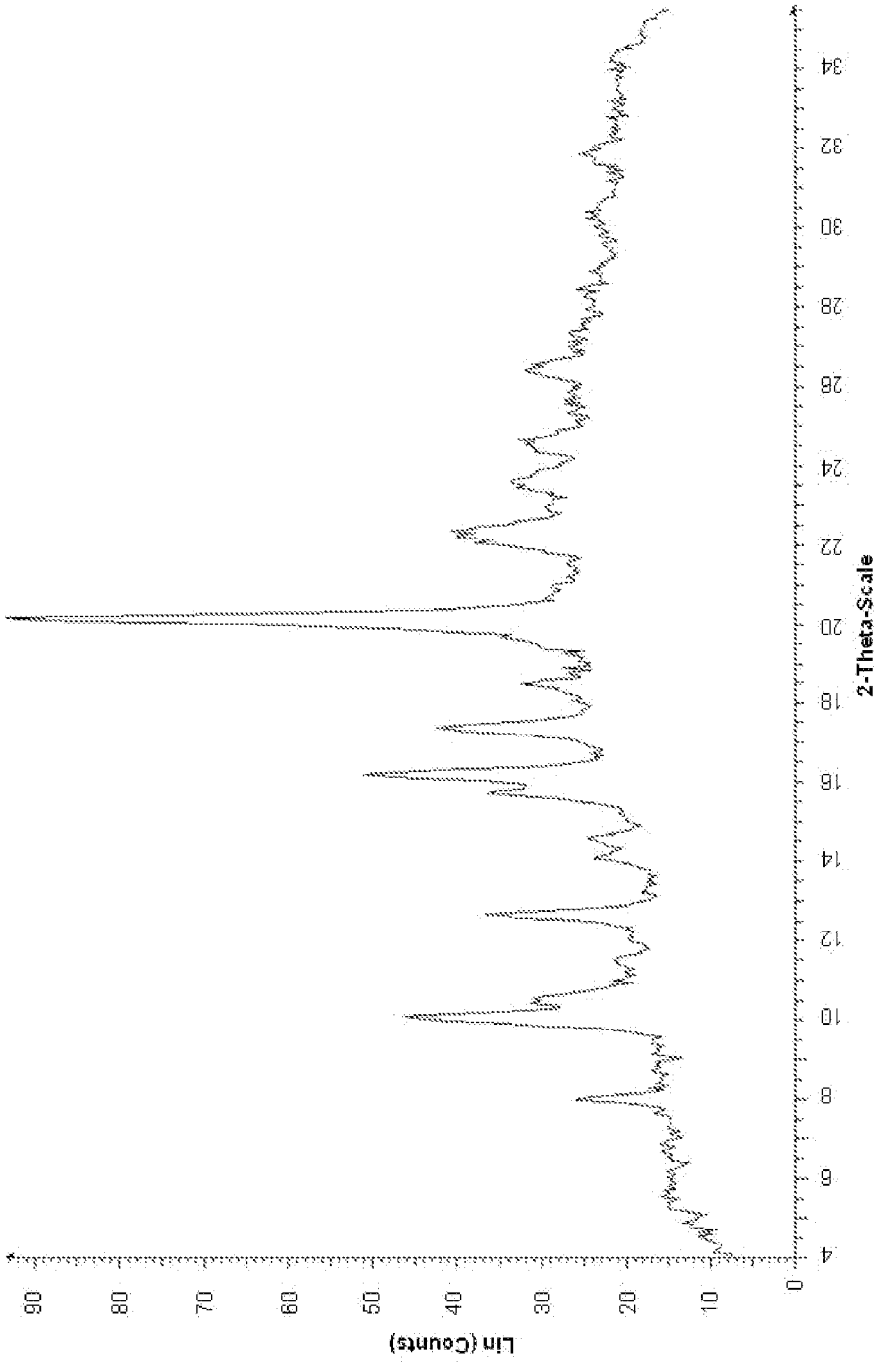
Lin (Counts)
0
10
20
30
40
50
60
70
80
90
4
6
8
10
12
14
16
18
20
22
24
26
28
30
32
34
2-Theta-Scale

Figure 4

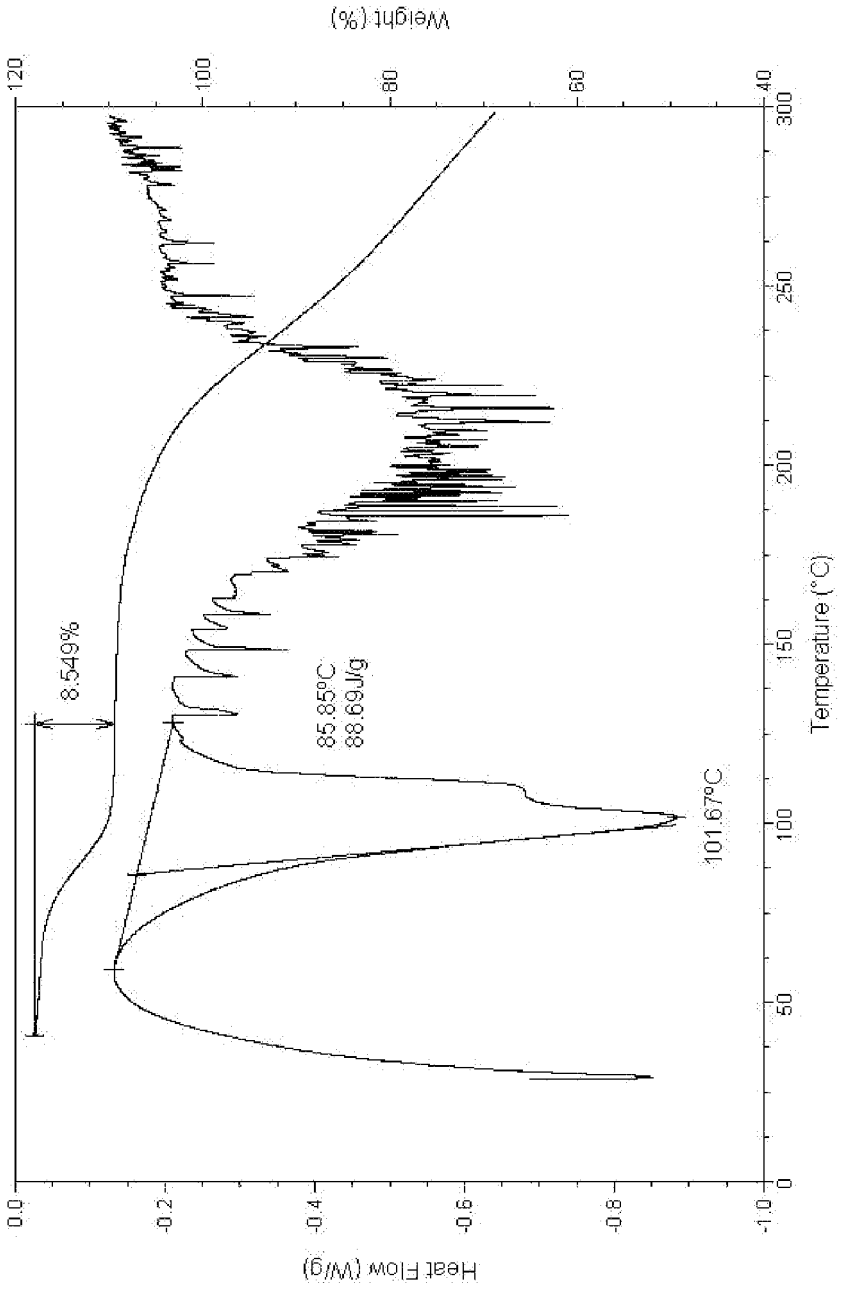
Weight (%)
120
100
80
60
40
Heat Flow (W/g)
0.0
-0.2
-0.4
-0.6
-0.8
-1.0
Temperature (°C)
0
50
100
150
200
250
300
8.549%
85.85°C
88.69J/g
101.67°C

Figure 5

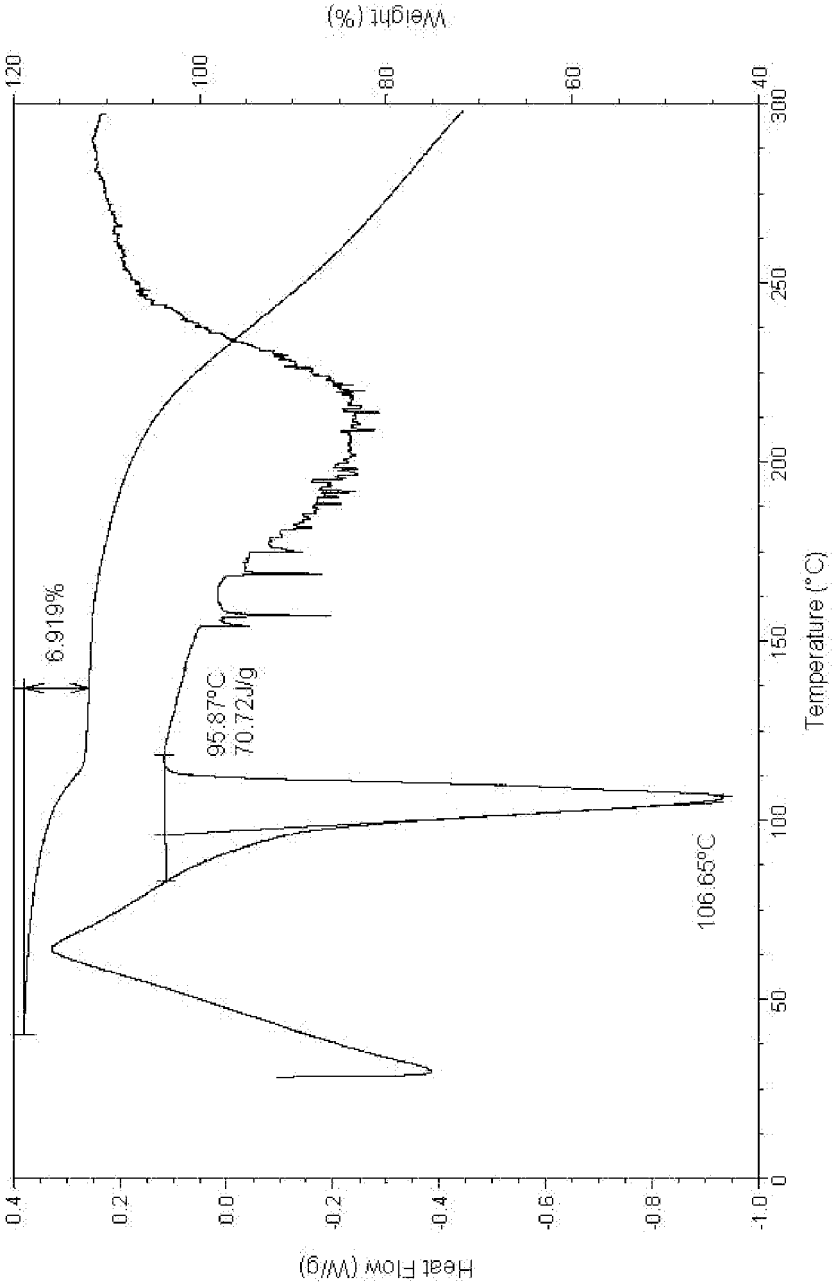
Weight (%)
120
100
80
60
40
6.919%
95.87°C
70.72J/g
106.65°C
Heat Flow (W/g)
0.4
0.2
0.0
-0.2
-0.4
-0.6
-0.8
-1.0
0
50
100
150
200
250
300
Temperature (°C)

Figure 6

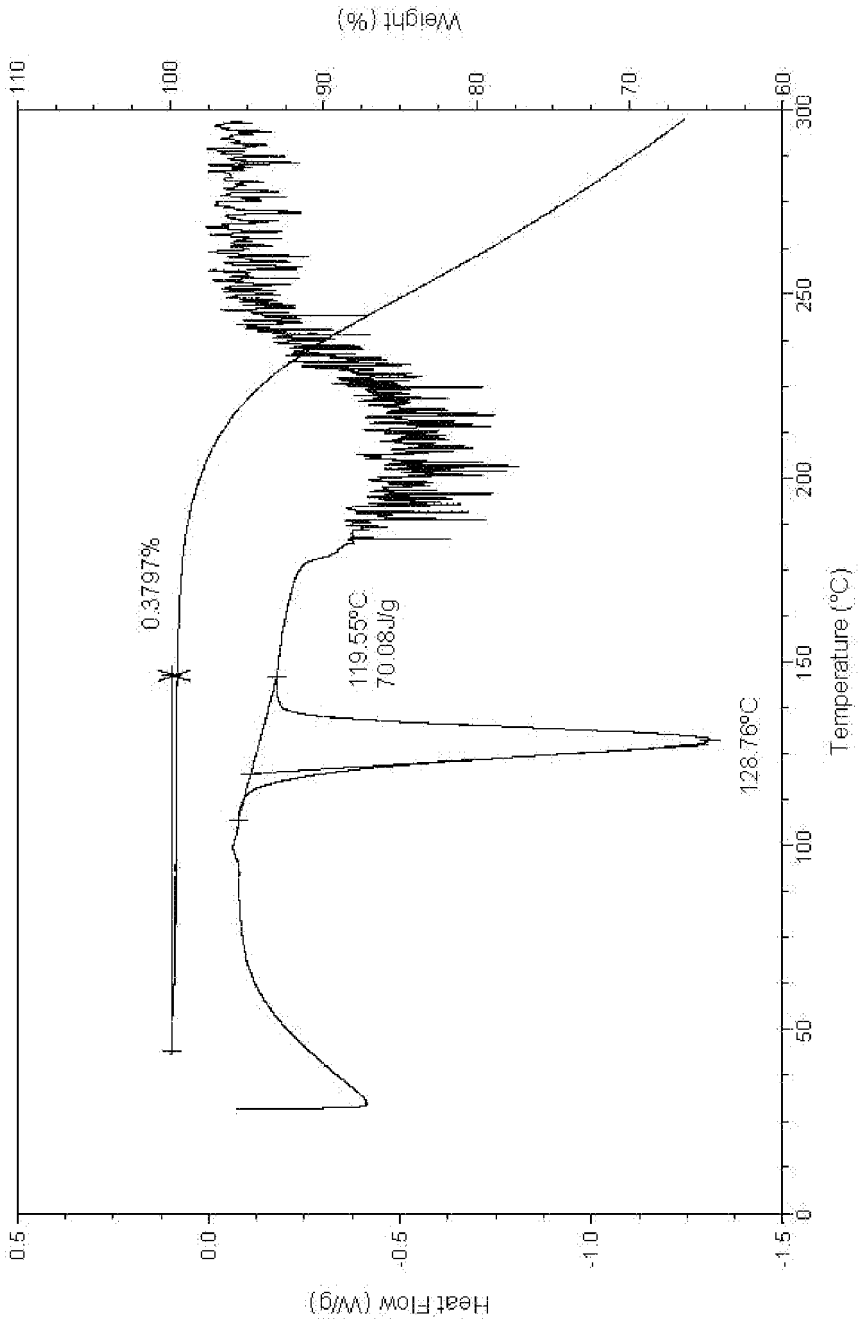
Weight (%)
110
100
90
80
70
60
0.3797%
119.55°C
70.08J/g
128.76°C
Temperature (°C)
0
50
100
150
200
250
300
Heat Flow (W/g)
0.5
0.0
-0.5
-1.0
-1.5

Figure 7

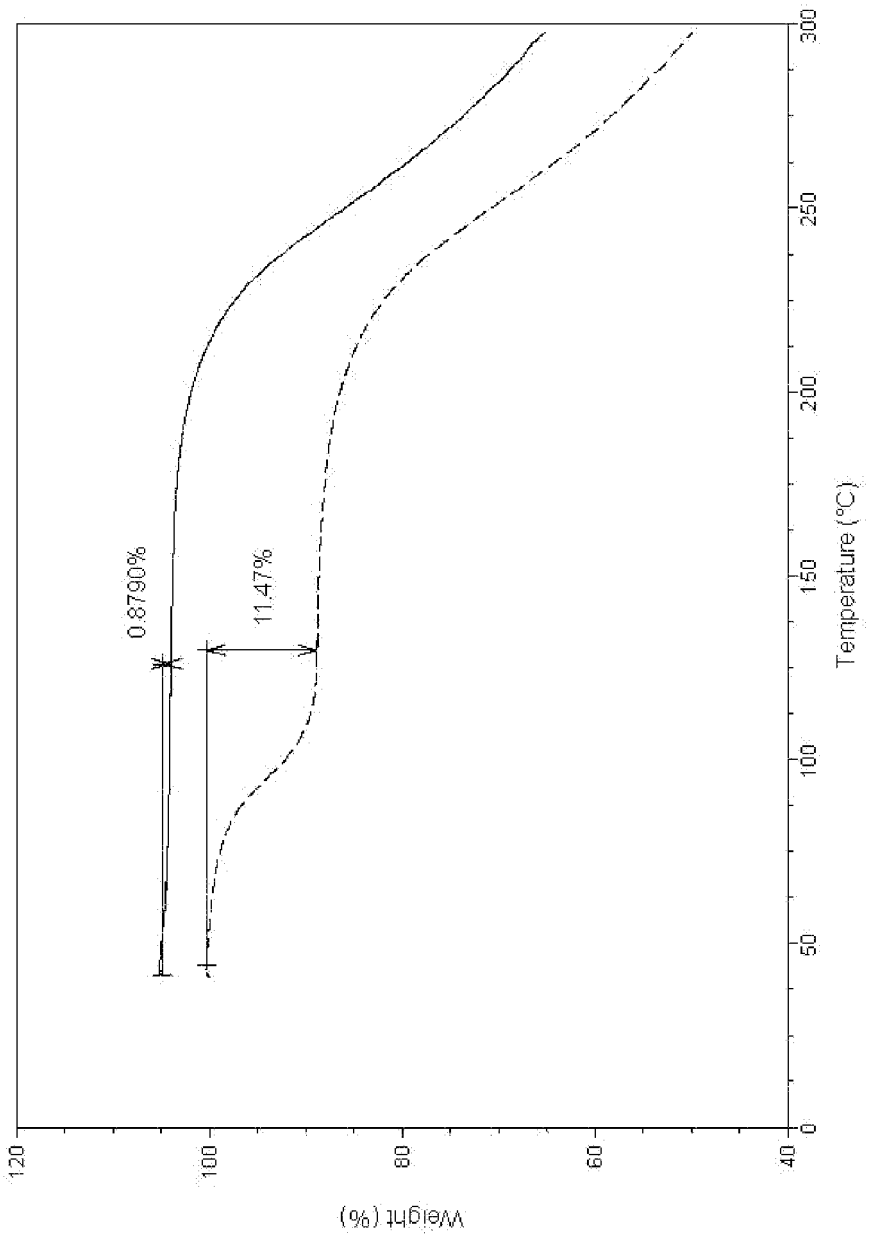
0.8790%
11.47%
Weight (%)
Temperature (°C)
120
100
80
60
40
0
50
100
150
200
250
300

Figure 8

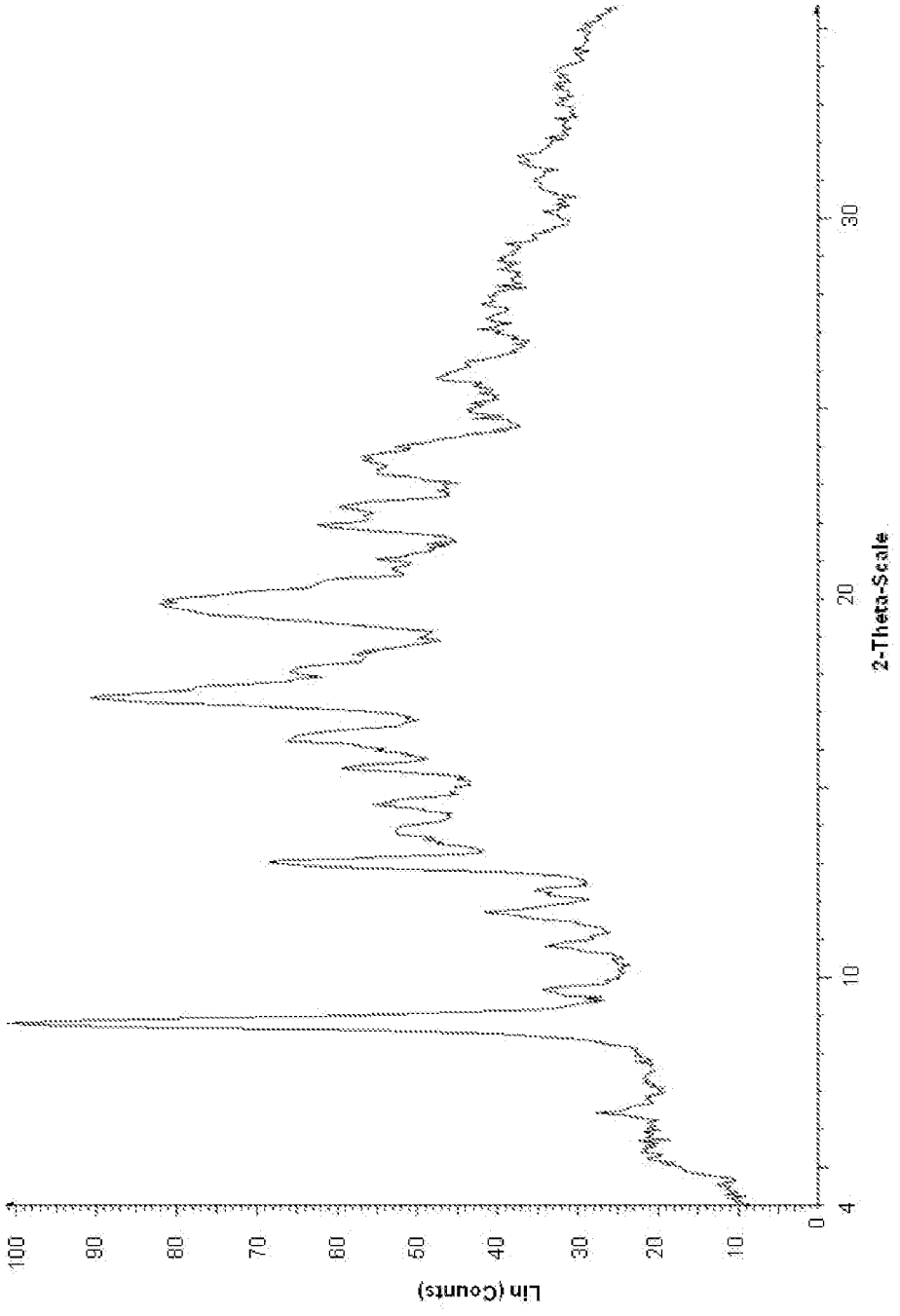

Figure 9

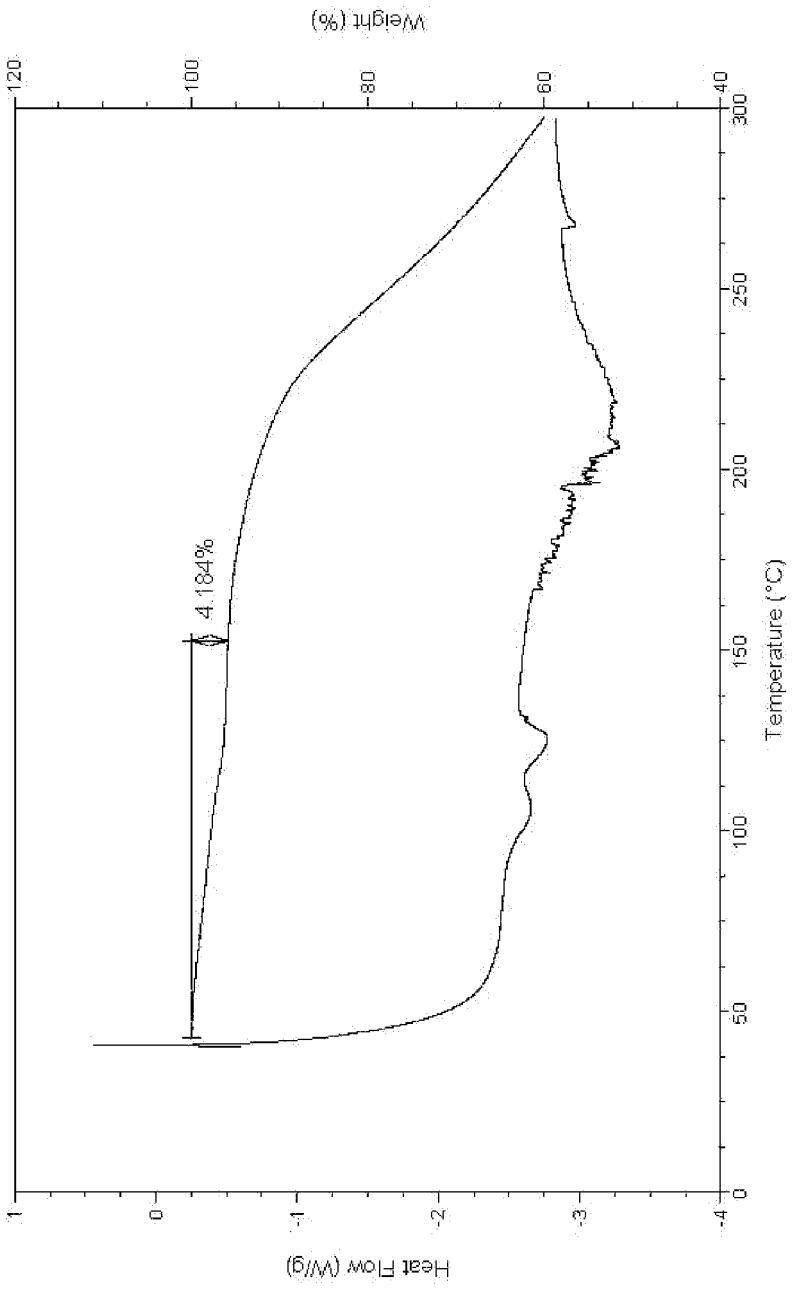
Weight (%)
120
100
80
60
40
4.184%
Heat Flow (W/g)
1
0
-1
-2
-3
-4
0
50
100
150
200
250
300
Temperature (°C)

Figure 10

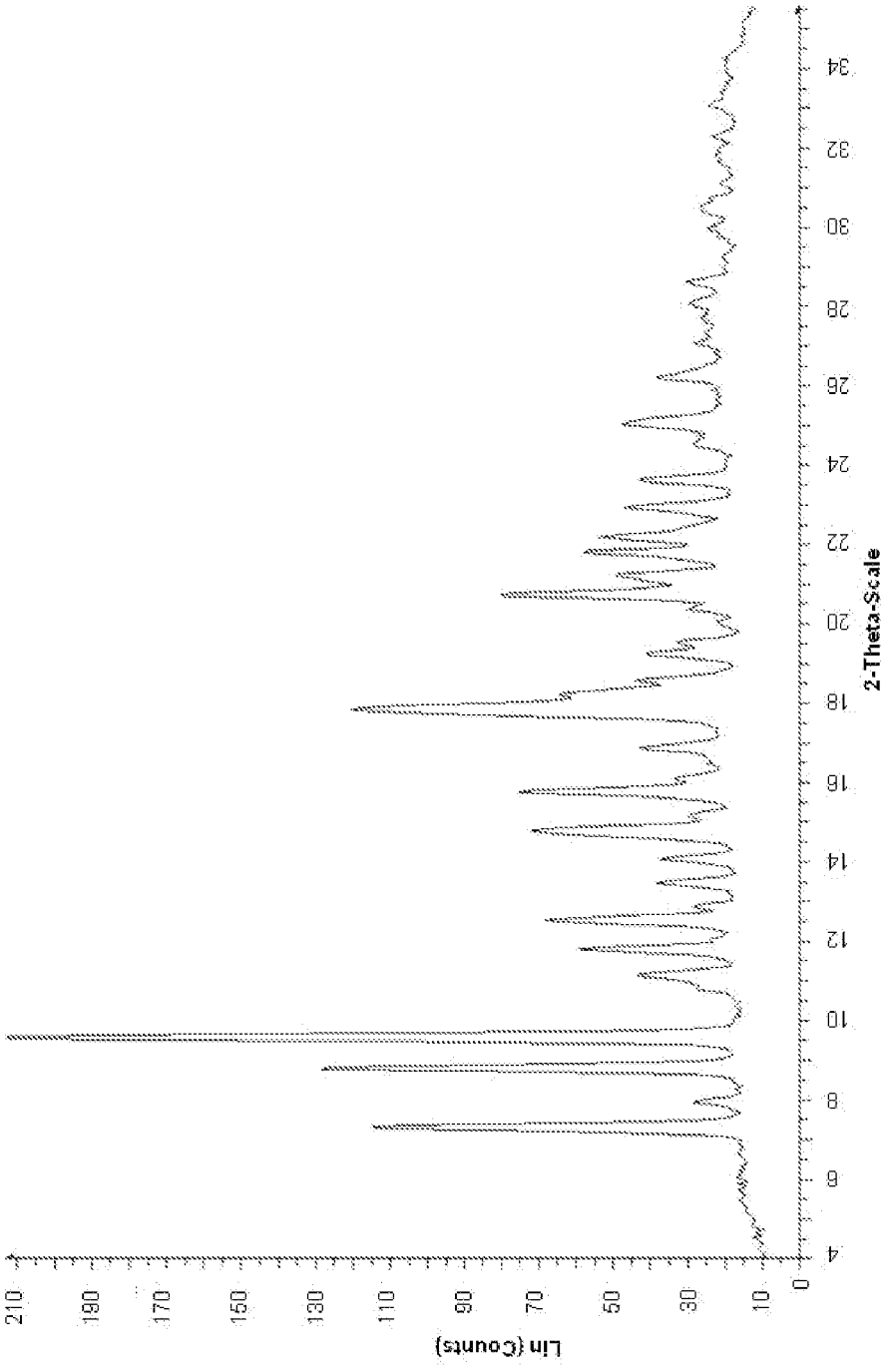
Lin (Counts)
210
190
170
150
130
110
90
70
50
30
10
0
4
6
8
10
12
14
16
18
20
22
24
26
28
30
32
34
2-Theta-Scale

Figure 11

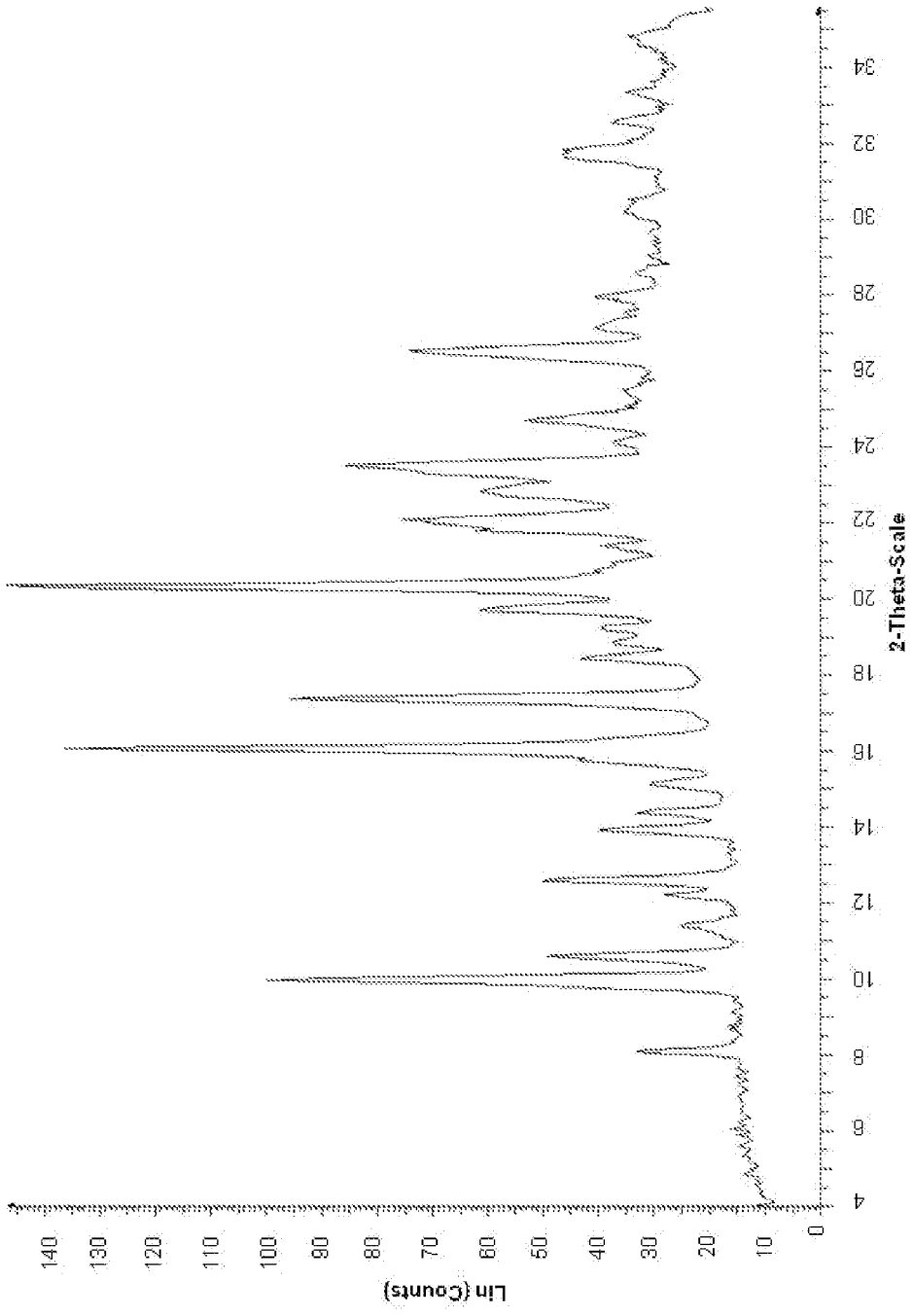
Lin (Counts)
0
10
20
30
40
50
60
70
80
90
100
110
120
130
140
2-Theta-Scale
4
6
8
10
12
14
16
18
20
22
24
26
28
30
32
34

Figure 12

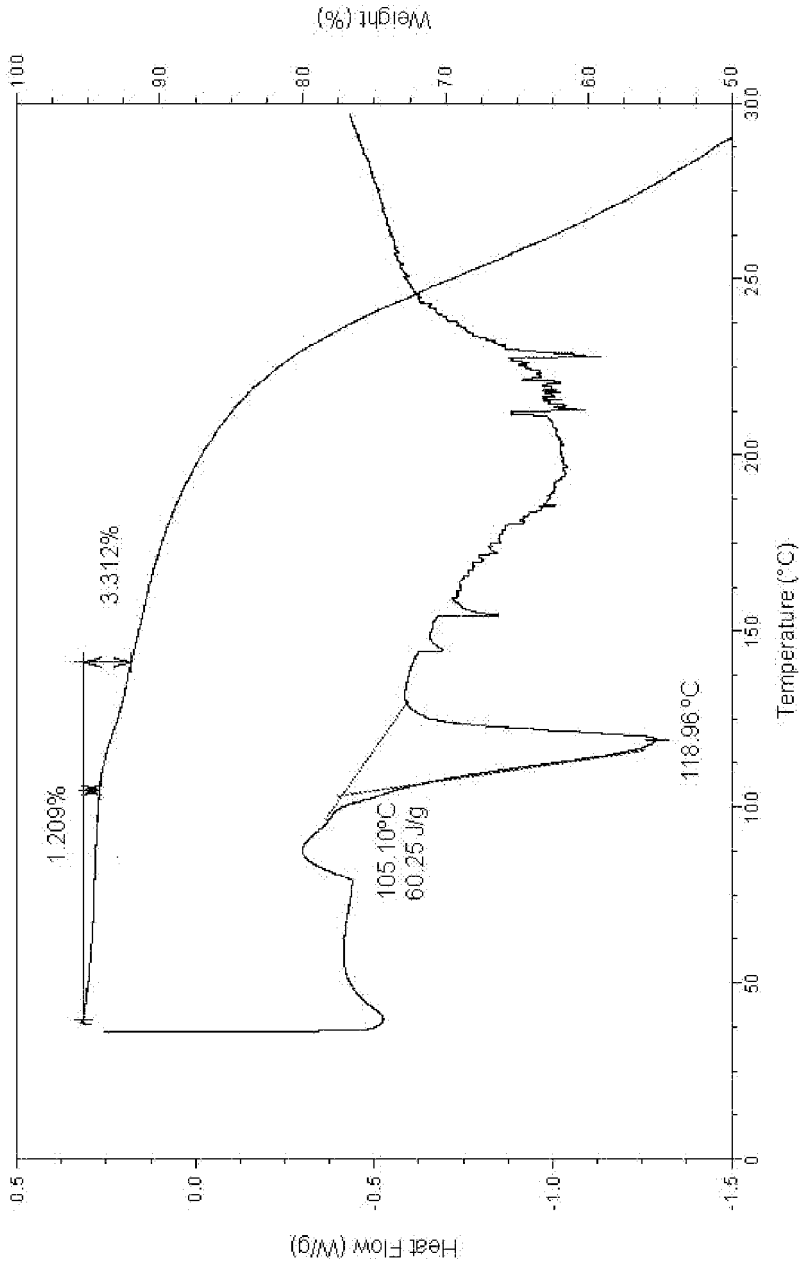
Weight (%)
100
90
80
70
60
50
Heat Flow (W/g)
0.5
0.0
-0.5
-1.0
-1.5
Temperature (°C)
0
50
100
150
200
250
300
1.209%
3.312%
105.10°C
60.25 J/g
118.96°C

Figure 13

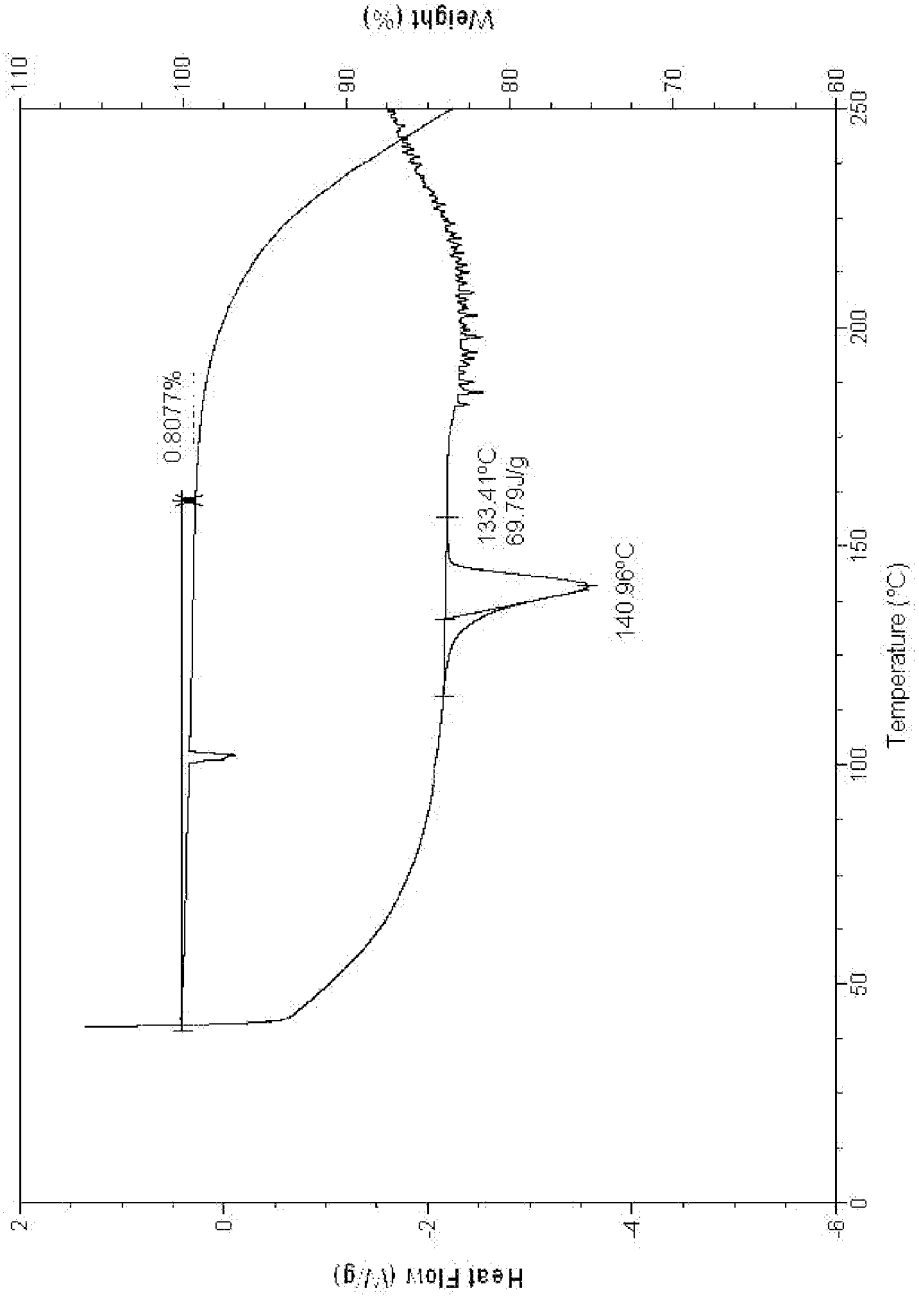
Weight (%)
110
100
90
80
70
60
0.8077%
133.41°C
69.79J/g
140.96°C
Heat Flow (W/g)
2
0
-2
-4
-6
0
50
100
150
200
250
Temperature (°C)

Figure 14