**FIG. 1**

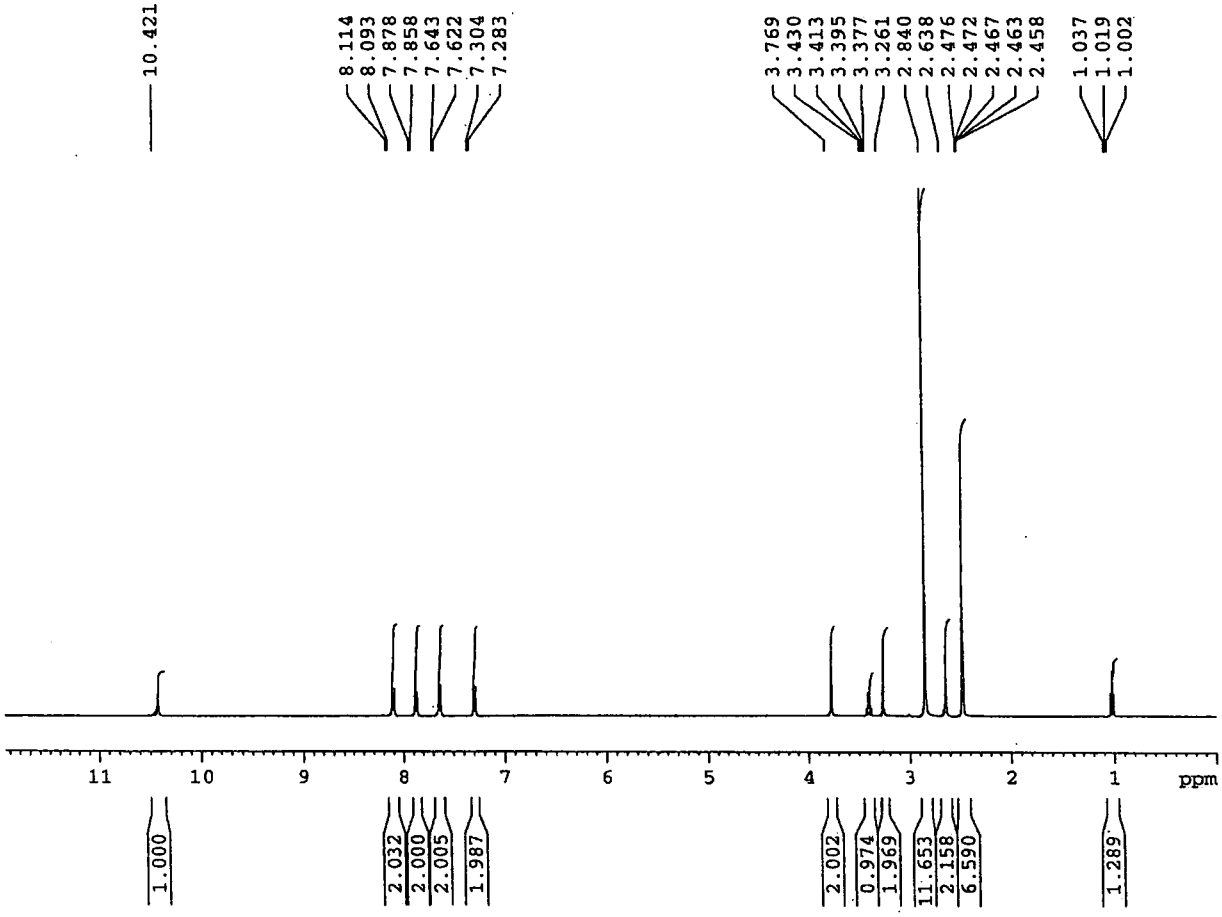

10.421
8.114
8.093
7.878
7.858
7.643
7.622
7.304
7.283
3.769
3.430
3.413
3.395
3.377
3.261
2.840
2.638
2.476
2.472
2.467
2.463
2.458
1.037
1.019
1.002
11
10
9
8
7
6
5
4
3
2
1
ppm
1.000
2.032
2.000
2.005
1.987
2.002
0.974
1.969
11.653
2.158
6.590
1.289

FIG. 2

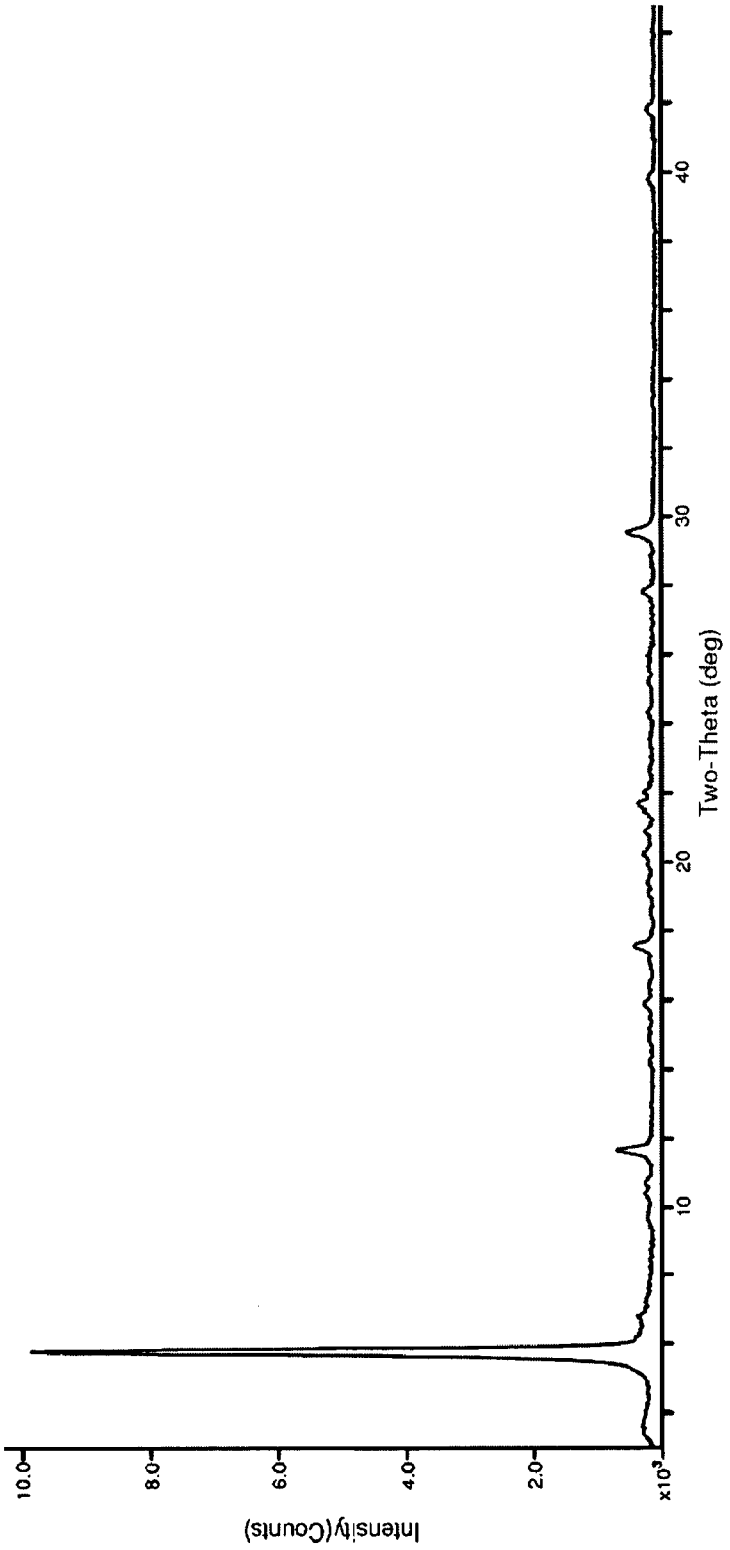


FIG. 3

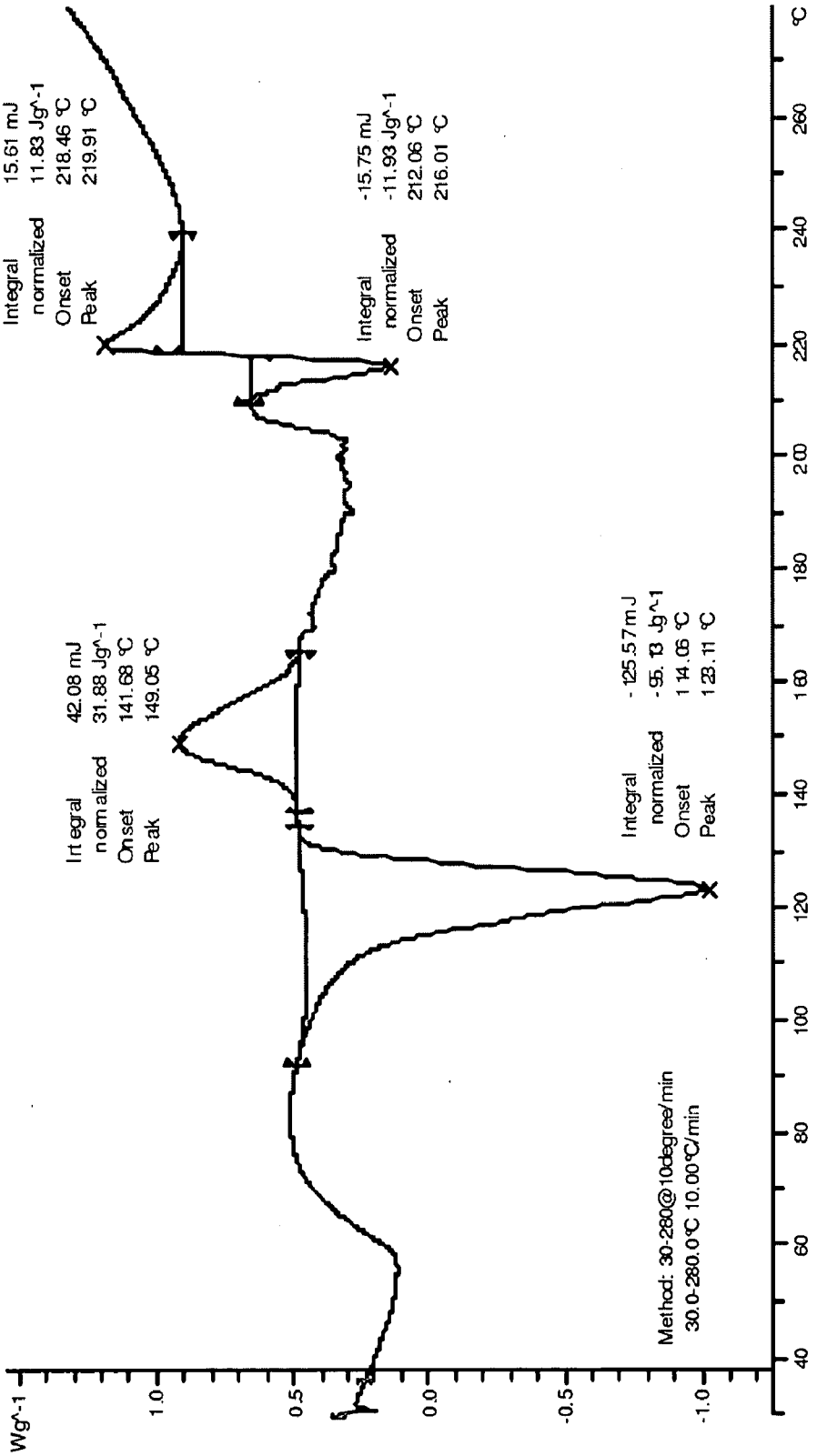

Integral 15.61 mJ
normalized 11.83 Jg^-1
Onset 218.46 °C
Peak 219.91 °C
Integral -15.75 mJ
normalized -11.93 Jg^-1
Onset 212.06 °C
Peak 216.01 °C
Integral 42.08 mJ
normalized 31.88 Jg^-1
Onset 141.68 °C
Peak 149.05 °C
Integral -125.57 mJ
normalized -95.13 Jg^-1
Onset 114.06 °C
Peak 123.11 °C
Method: 30-280@10degree/min
30.0-280.0°C 10.00°C/min
Wg^-1
1.0
0.5
0.0
-0.5
-1.0
40
60
80
100
120
140
160
180
200
220
240
260
°C

FIG. 4

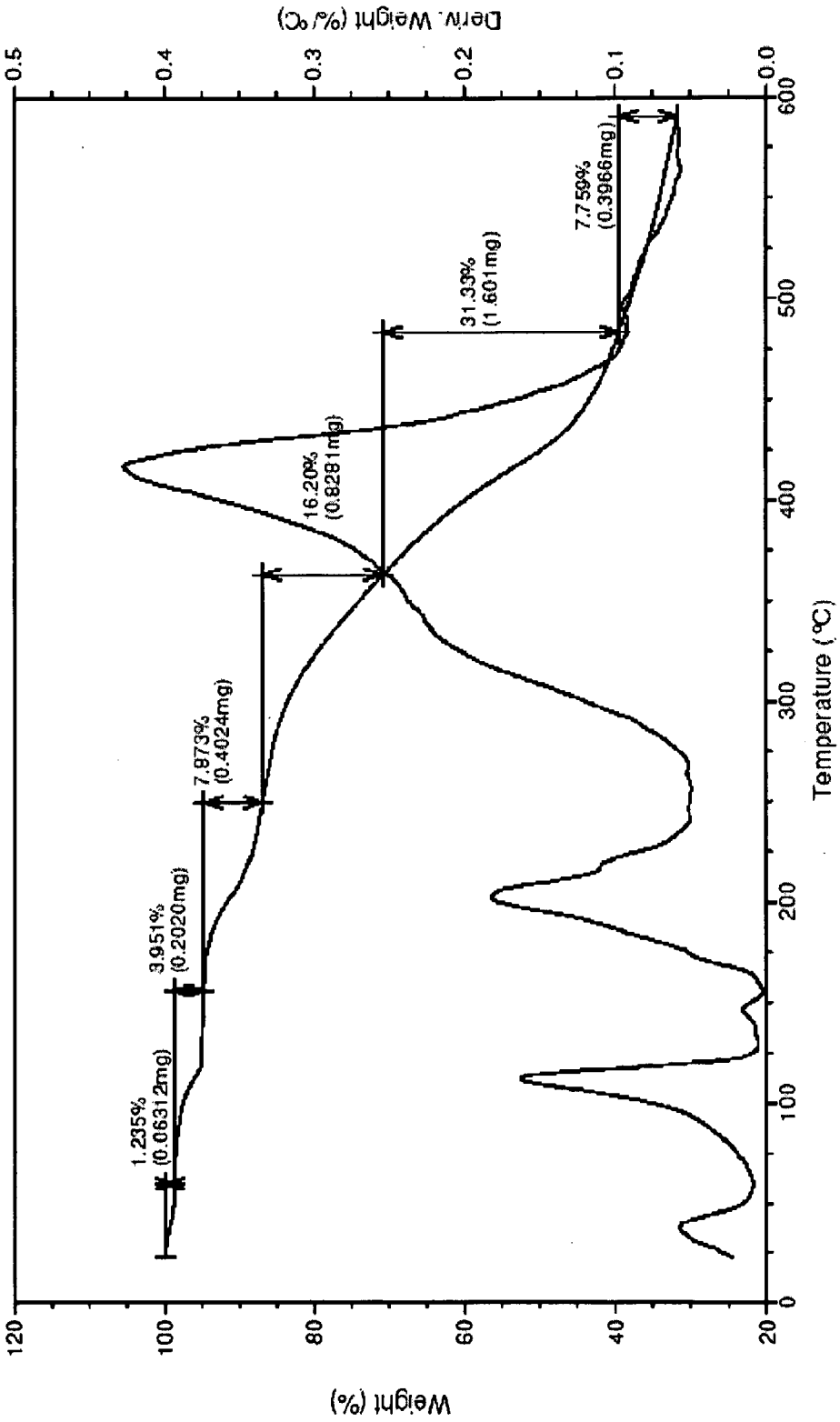

Deriv. Weight (%/°C)
0.5
0.4
0.3
0.2
0.1
0.0
600
500
400
300
200
100
0
Temperature (°C)
120
100
80
60
40
20
Weight (%)
1.235%
(0.06312mg)
3.951%
(0.2020mg)
7.873%
(0.4024mg)
16.20%
(0.8281mg)
31.33%
(1.601mg)
7.759%
(0.3966mg)

FIG. 5

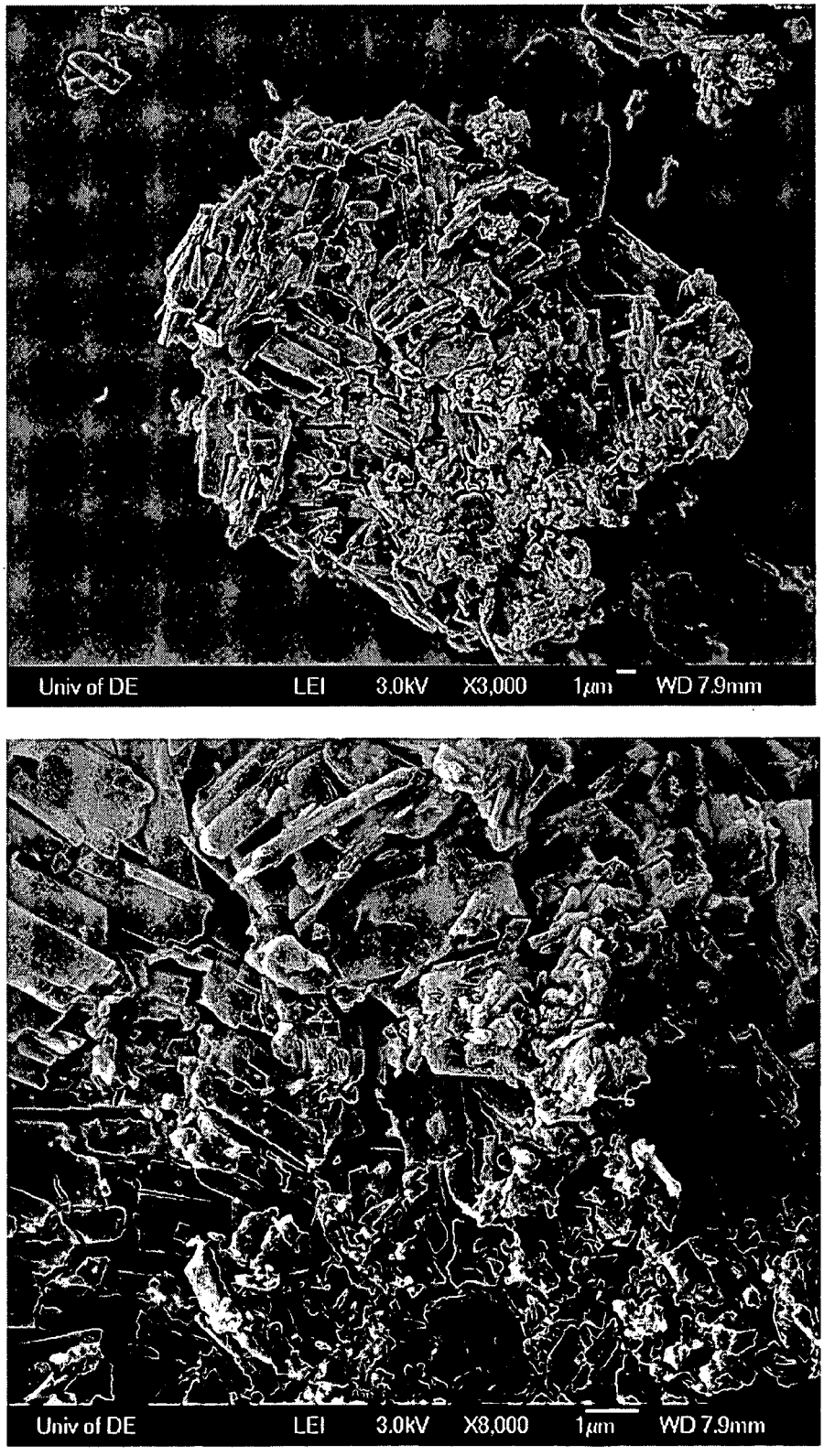

Univ of DE LEI 3.0kV X3,000 1μm WD 7.9mm
Univ of DE LEI 3.0kV X8,000 1μm WD 7.9mm

**FIG. 6**

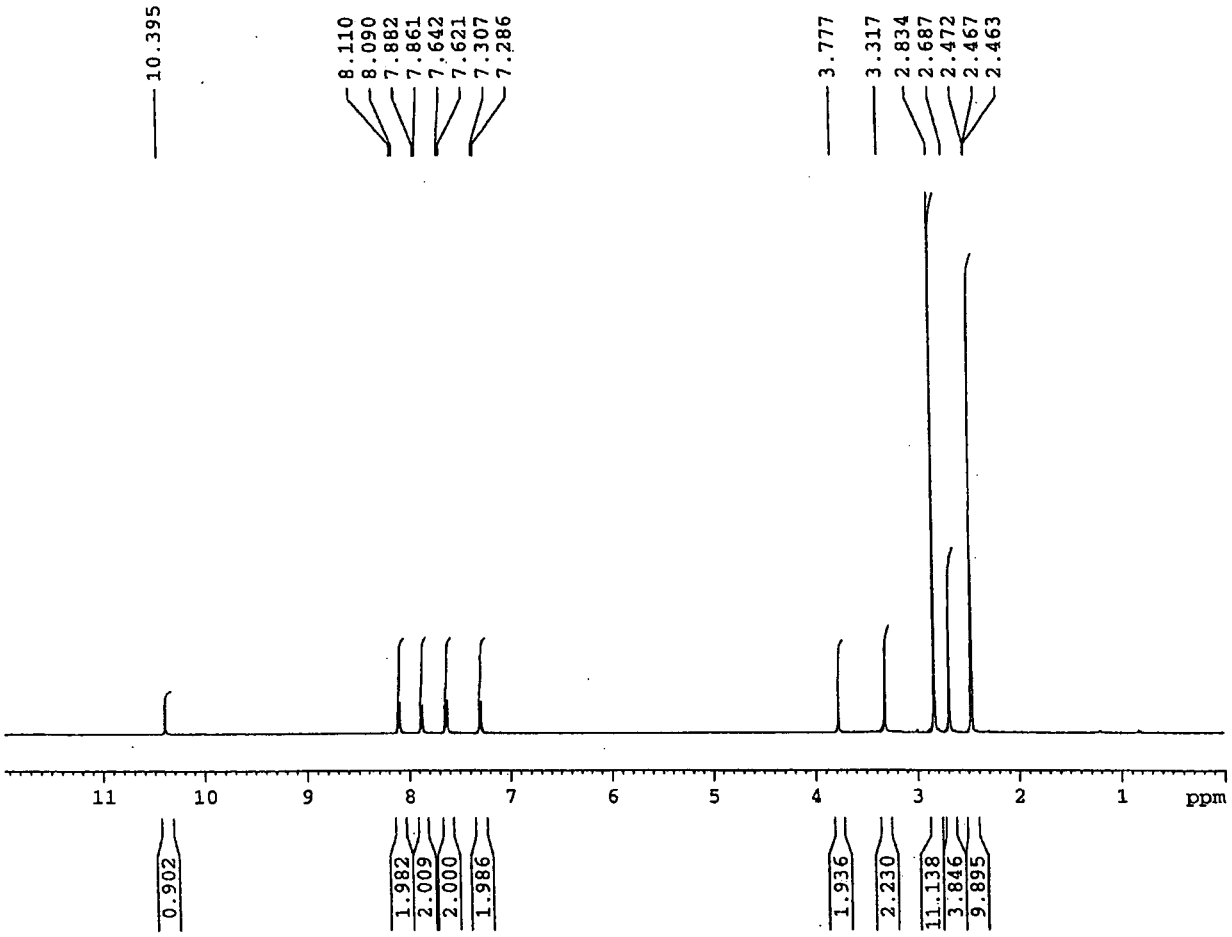

10.395
8.110
8.090
7.882
7.861
7.642
7.621
7.307
7.286
3.777
3.317
2.834
2.687
2.472
2.467
2.463
11
10
9
8
7
6
5
4
3
2
1
ppm
0.902
1.982
2.009
2.000
1.986
1.936
2.230
11.138
3.846
9.895

FIG. 7

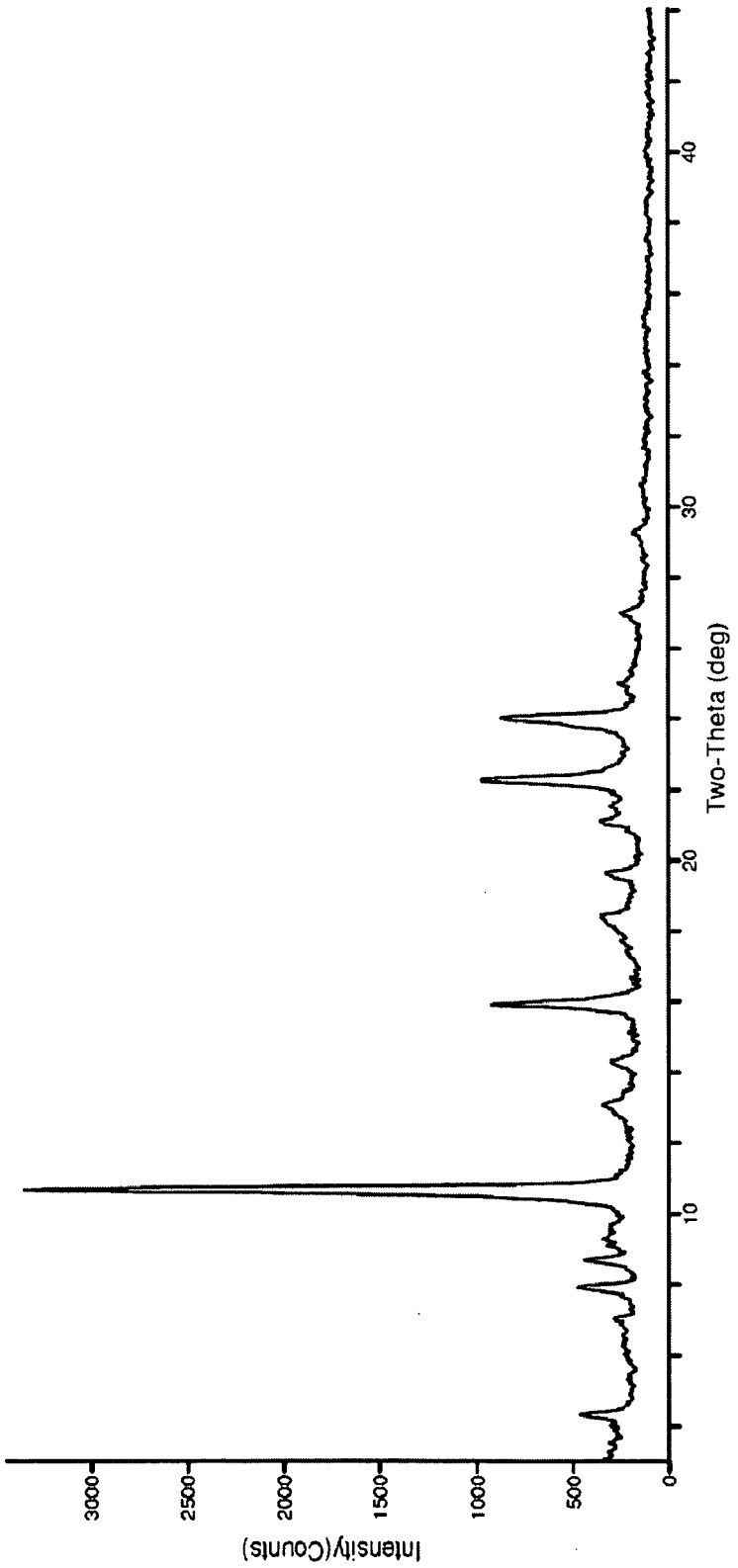
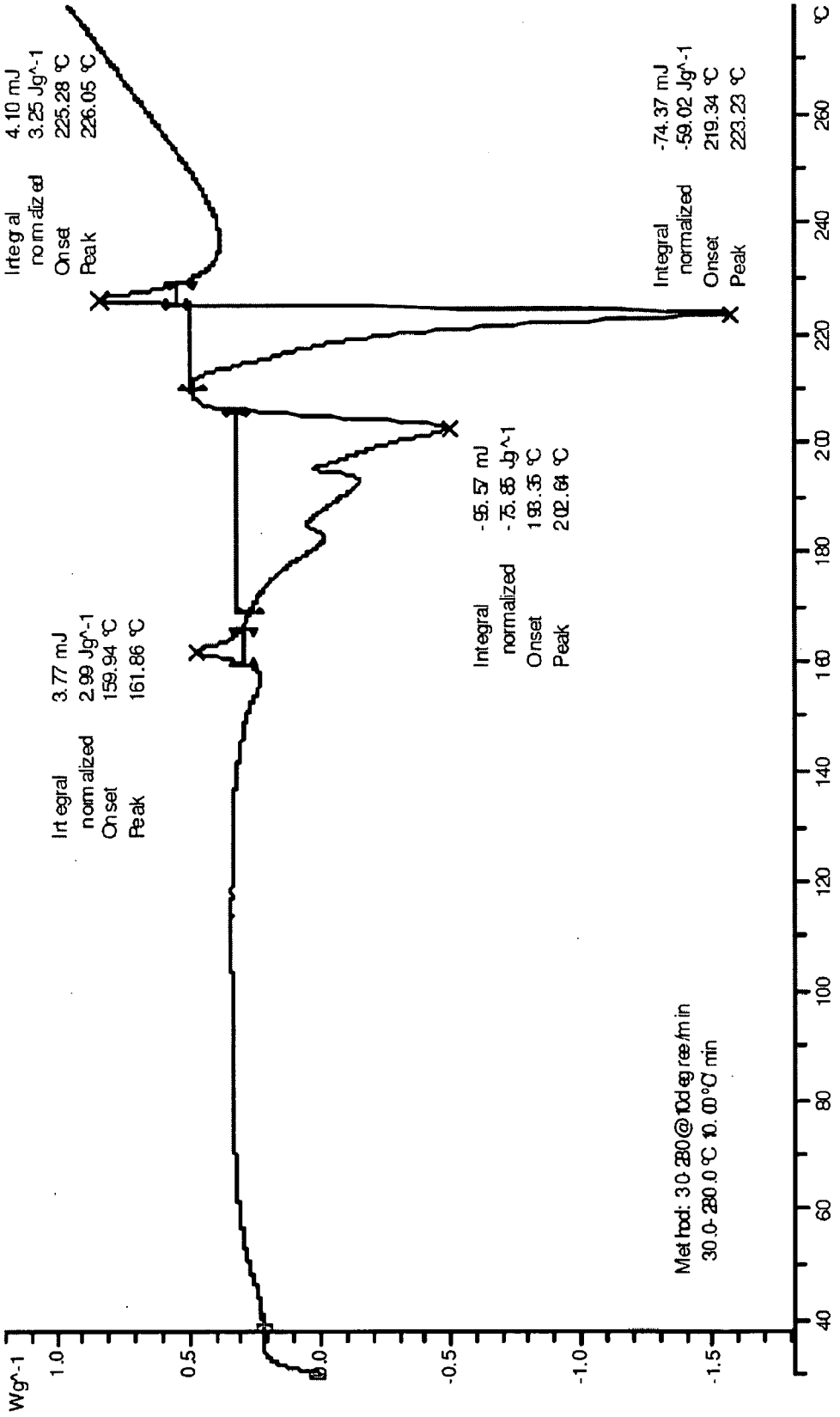

Intensity(Counts)
3000
2500
2000
1500
1000
500
0
10
20
30
40
Two-Theta (deg)

FIG. 8


Integral 4.10 mJ
normalized 3.25 Jg^-1
Onset 225.28 °C
Peak 226.05 °C
Integral 3.77 mJ
normalized 2.99 Jg^-1
Onset 159.94 °C
Peak 161.86 °C
Integral -95.57 mJ
normalized -75.85 Jg^-1
Onset 193.35 °C
Peak 202.64 °C
Integral -74.37 mJ
normalized -59.02 Jg^-1
Onset 219.34 °C
Peak 223.23 °C
Method: 30-280@10deg free/min
30.0-280.0 °C 10.00 °C/min
Wg^-1
1.0
0.5
0.0
-0.5
-1.0
-1.5
40
60
80
100
120
140
160
180
200
220
240
260
°C

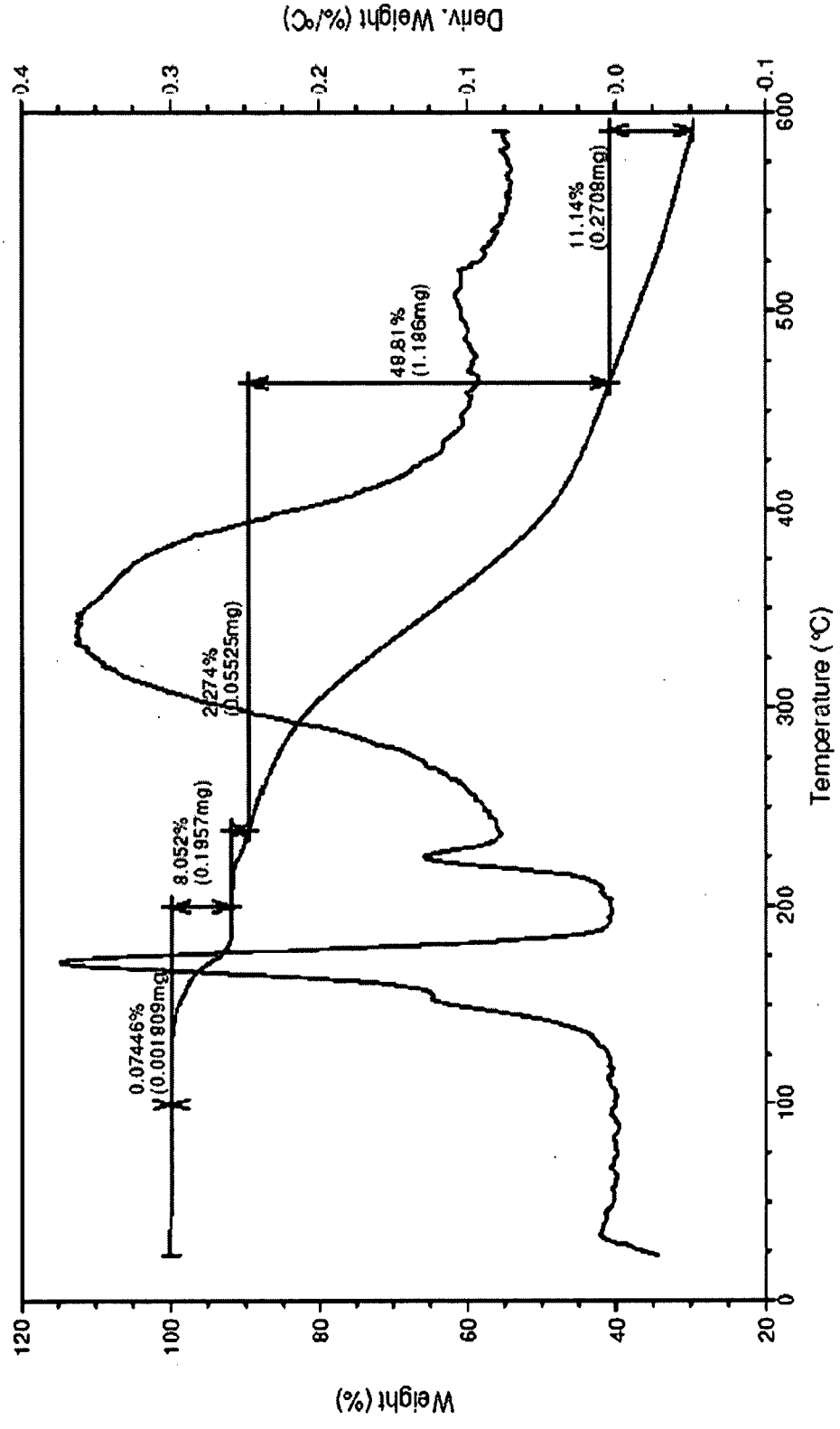

Deriv. Weight (%/°C)
0.4
0.3
0.2
0.1
0.0
-0.1
Weight (%)
120
100
80
60
40
20
Temperature (°C)
0
100
200
300
400
500
600
0.07446%
(0.001809mg)
8.052%
(0.1957mg)
2.274%
(0.0552mg)
49.81%
(1.186mg)
11.14%
(0.2708mg)

FIG. 9

FIG. 10

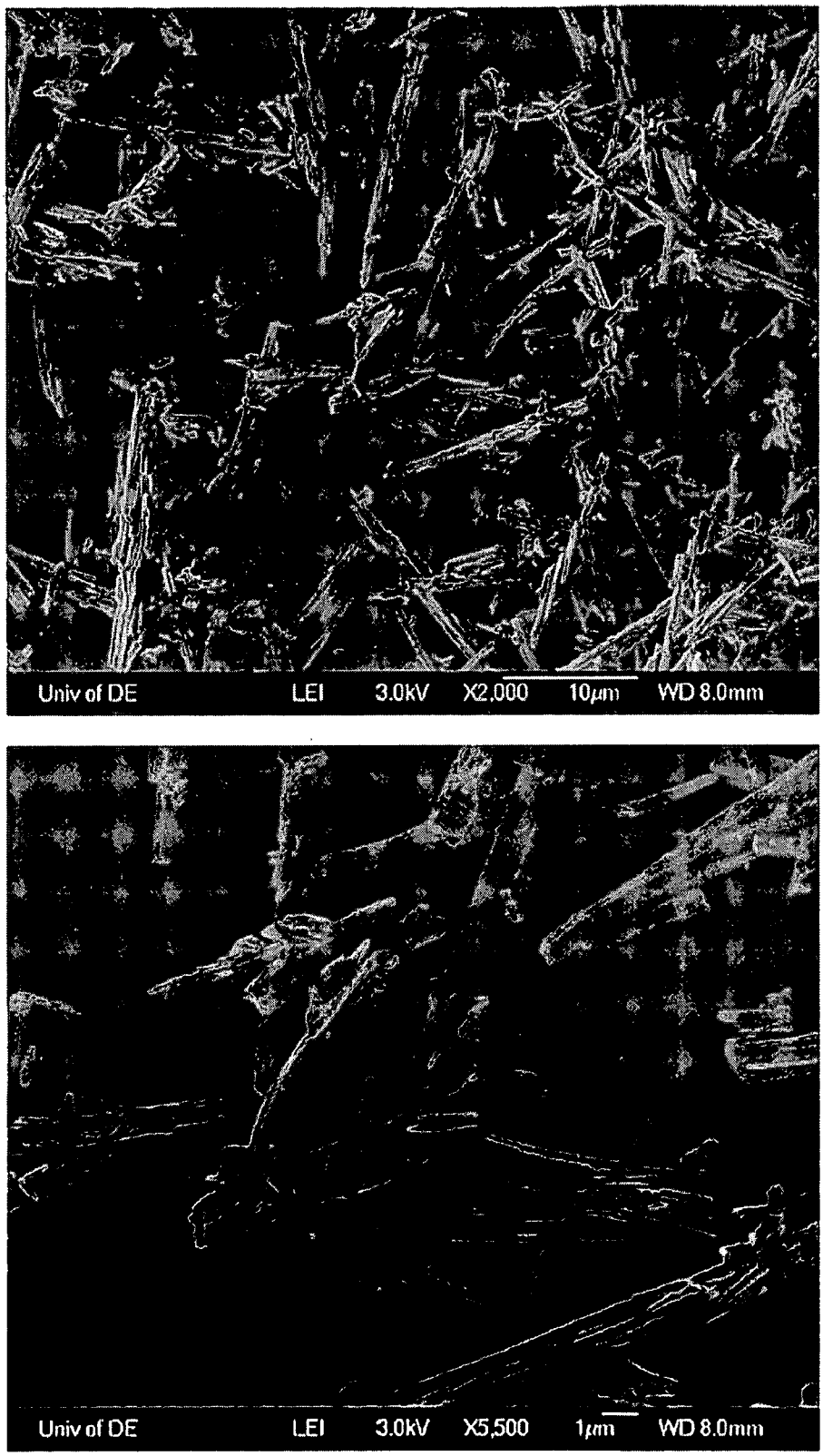

Univ of DE LEI 3.0kV X2,000 10μm WD 8.0mm
Univ of DE LEI 3.0kV X5,500 1μm WD 8.0mm

FIG. 11

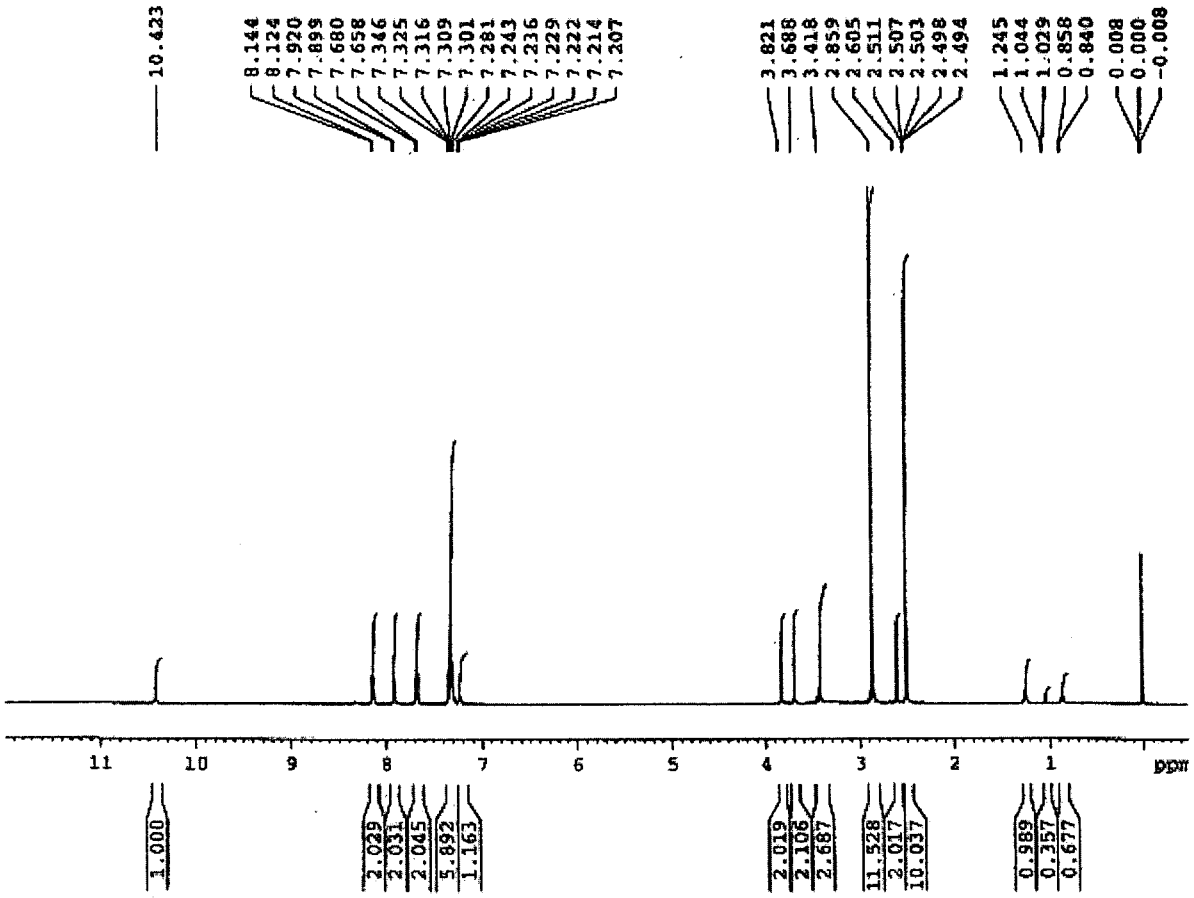

10.423
8.144
8.124
7.920
7.899
7.680
7.658
7.346
7.325
7.316
7.309
7.301
7.281
7.243
7.236
7.229
7.222
7.214
7.207
3.821
3.688
3.418
2.859
2.605
2.511
2.507
2.503
2.498
2.494
1.245
1.044
1.029
0.858
0.840
0.008
0.000
-0.008
11
10
9
8
7
6
5
4
3
2
1
ppm
1.000
2.029
2.031
2.045
5.892
1.163
2.019
2.106
2.687
11.528
2.017
10.037
0.989
0.357
0.677

FIG. 12

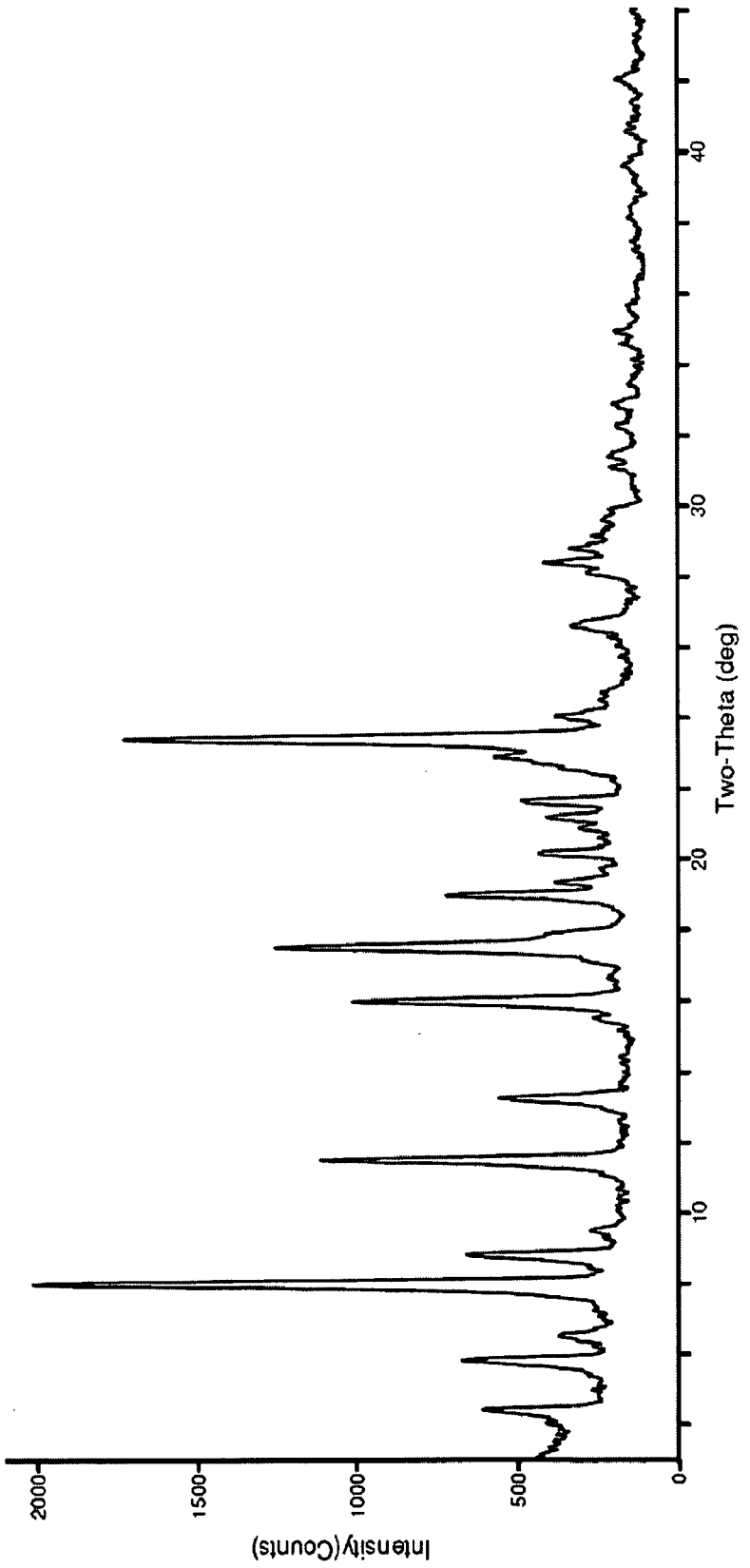

Intensity(Counts)
2000
1500
1000
500
0
10
20
30
40
Two-Theta (deg)

FIG. 13

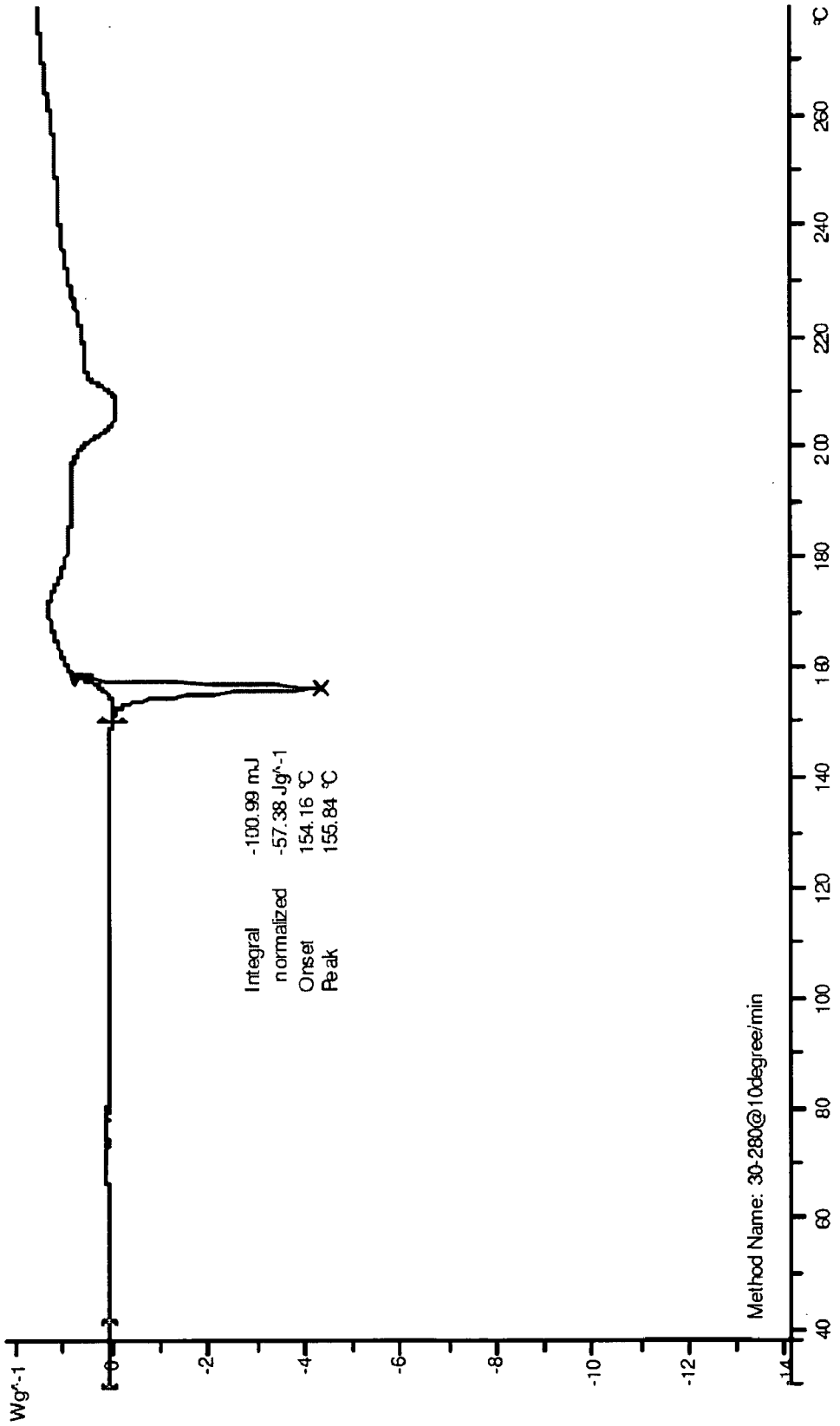

Wg^-1
0
-2
-4
-6
-8
-10
-12
-14
40
60
80
100
120
140
160
180
200
220
240
260
°C
Integral -100.99 mJ
normalized -57.38 Jg^-1
Onset 154.16 °C
Peak 155.84 °C
Method Name: 30-280@10degree/min

FIG. 14

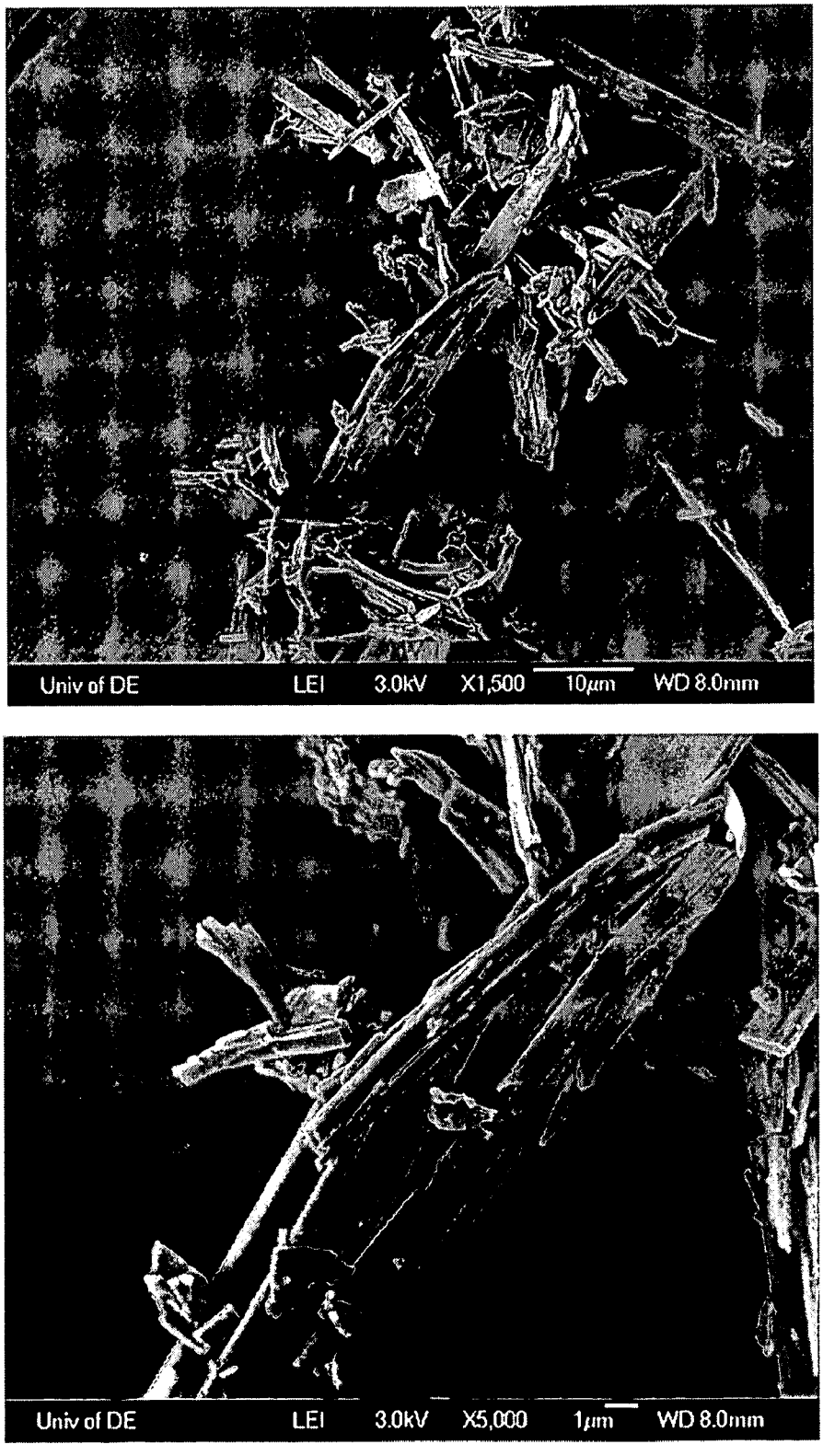

Univ of DE LEI 3.0kV X1,500 10μm WD 8.0mm
Univ of DE LEI 3.0kV X5,000 1μm WD 8.0mm

FIG. 15

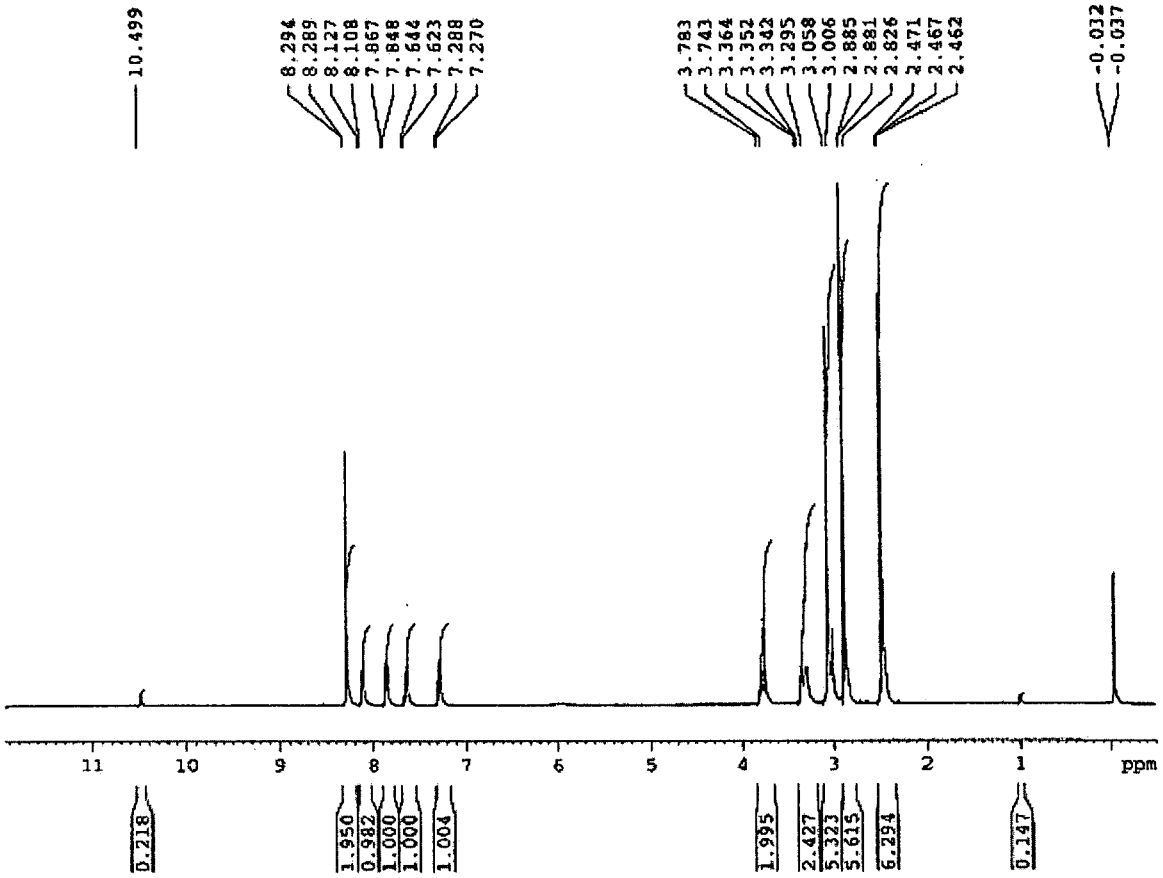

10.499
8.294
8.289
8.127
8.108
7.867
7.848
7.644
7.623
7.288
7.270
3.783
3.743
3.364
3.352
3.342
3.295
3.058
3.006
2.885
2.881
2.826
2.471
2.467
2.462
-0.032
-0.037
11
10
9
8
7
6
5
4
3
2
1
ppm
0.218
1.950
0.982
1.000
1.000
1.004
1.995
2.427
5.323
5.615
6.294
0.147

FIG. 16

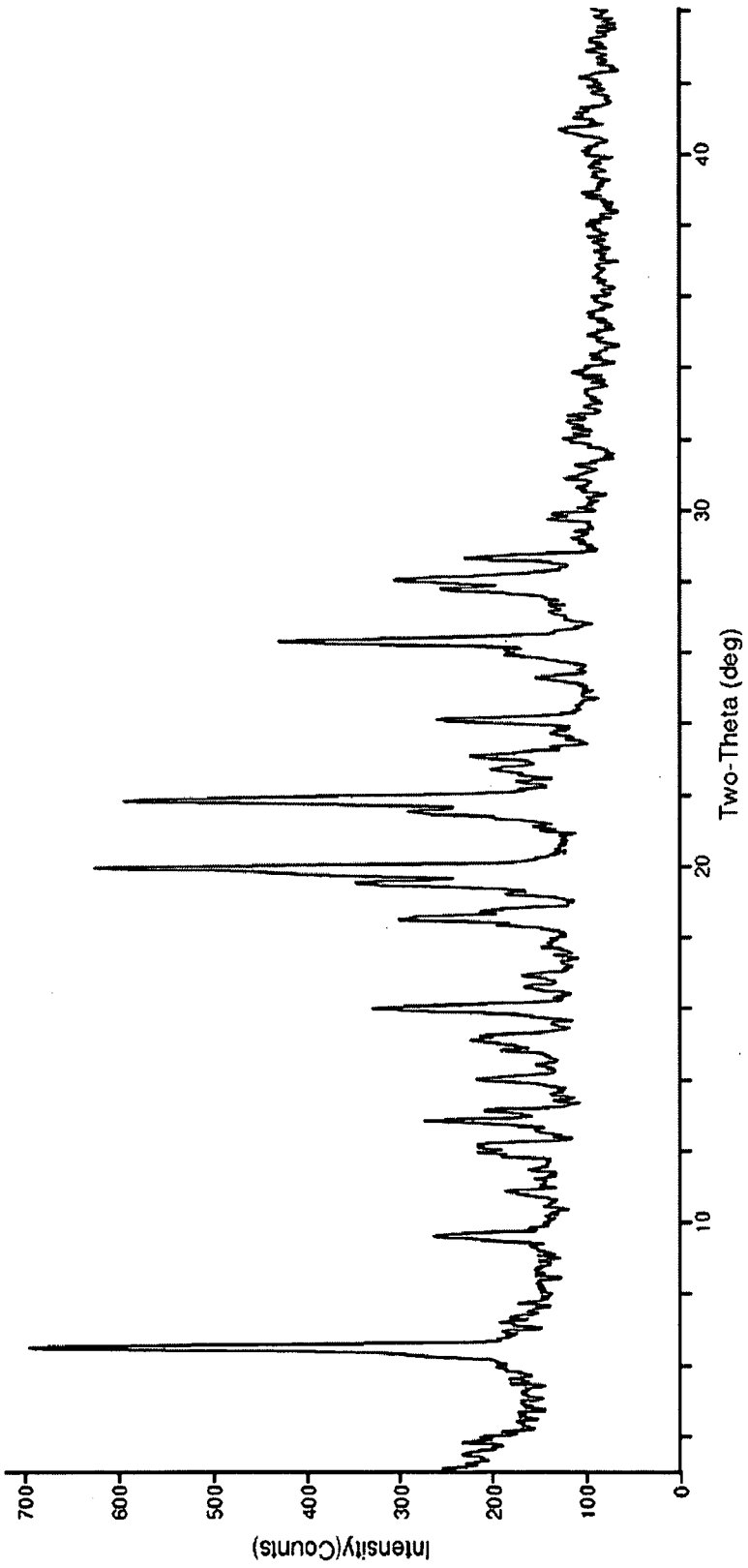
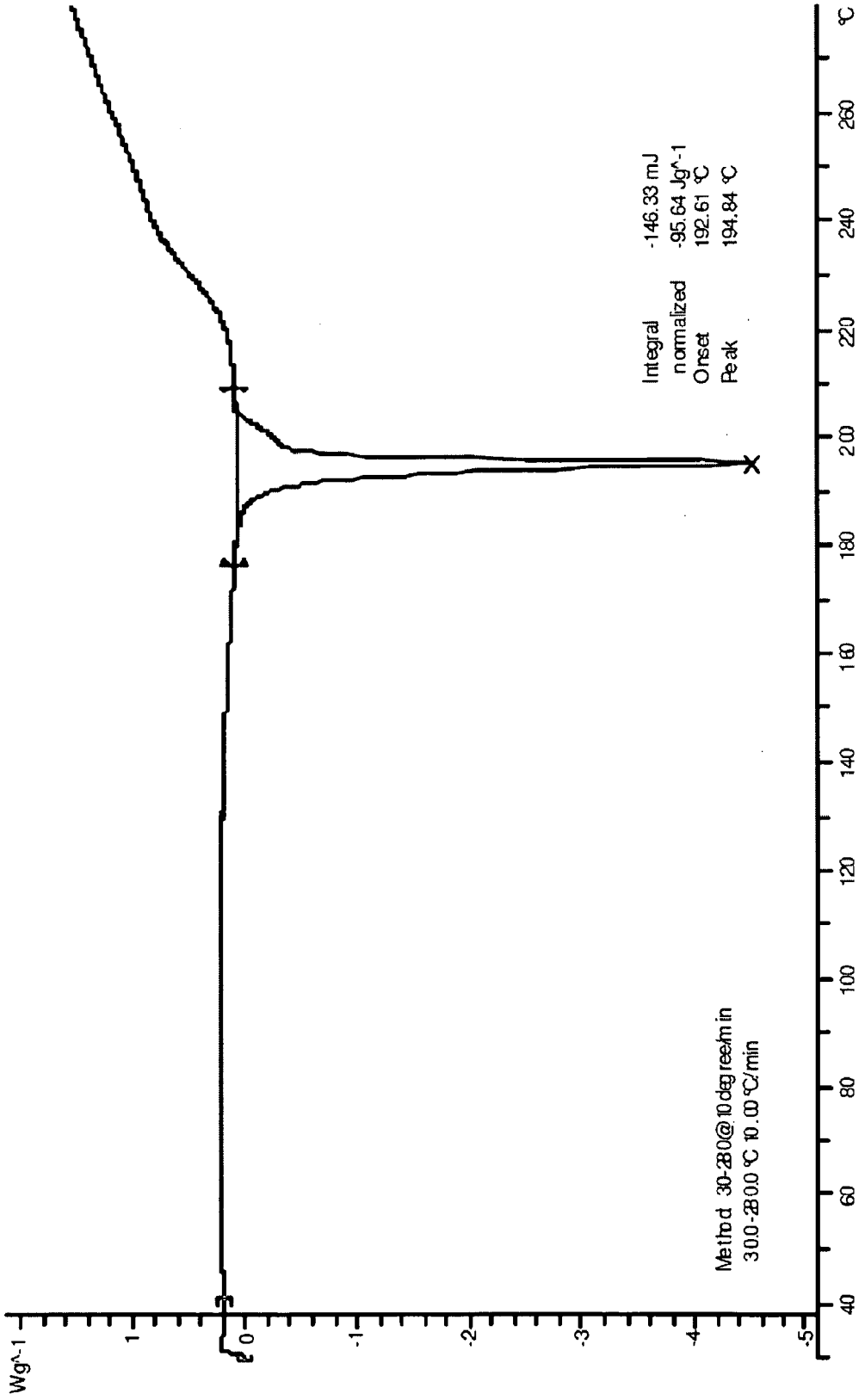

Intensity(Counts)
700
600
500
400
300
200
100
0
10
20
30
40
Two-Theta (deg)

FIG. 17


Integral -146.33 mJ
normalized -95.64 Jg^-1
Onset 192.61 °C
Peak 194.84 °C
Method: 30-280@10deg ree/min
30.0-280.0 °C 10.00 °C/min
Wg^-1
°C

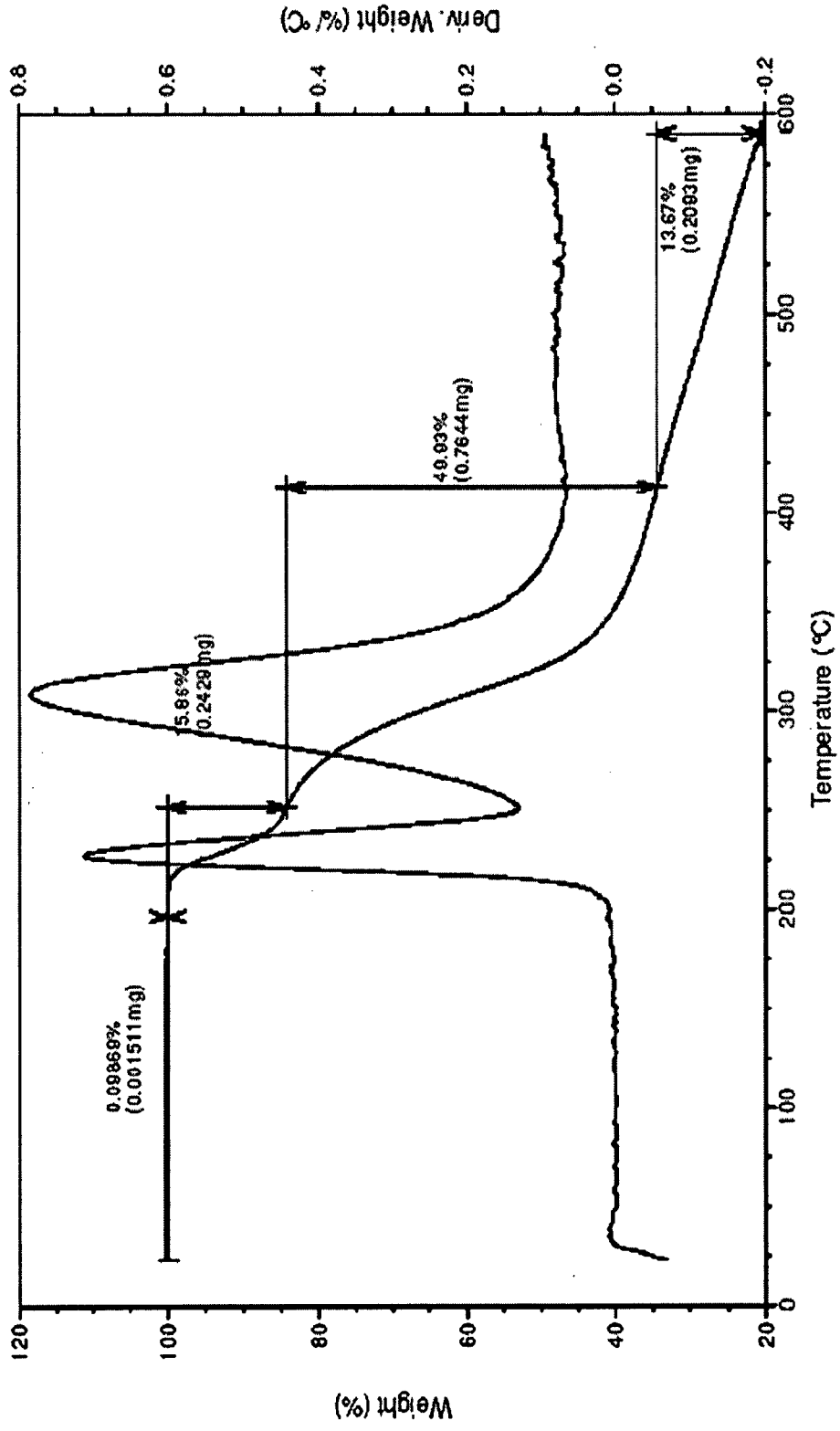

Deriv. Weight (%/°C)
0.8
0.6
0.4
0.2
0.0
-0.2
600
500
400
300
200
100
0
Temperature (°C)
13.67%
(0.2093mg)
40.03%
(0.7644mg)
15.66%
(0.2429mg)
0.09869%
(0.001511mg)
120
100
80
60
40
20
Weight (%)

FIG. 18

FIG. 19

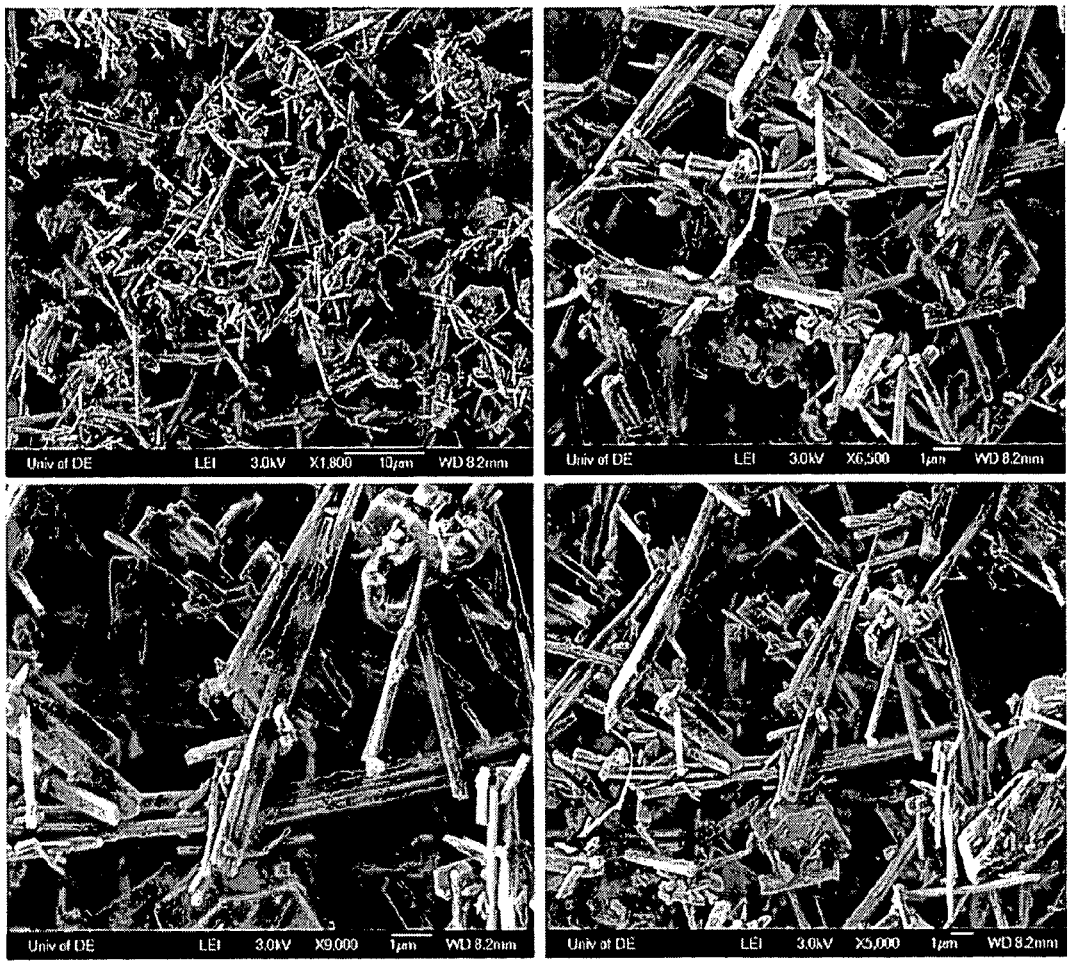

Univ of DE LEI 3.0kV X1,800 10μm WD 8.2mm
Univ of DE LEI 3.0kV X6,500 1μm WD 8.2mm
Univ of DE LEI 3.0kV X9,000 1μm WD 8.2mm
Univ of DE LEI 3.0kV X5,000 1μm WD 8.2mm

FIG. 20

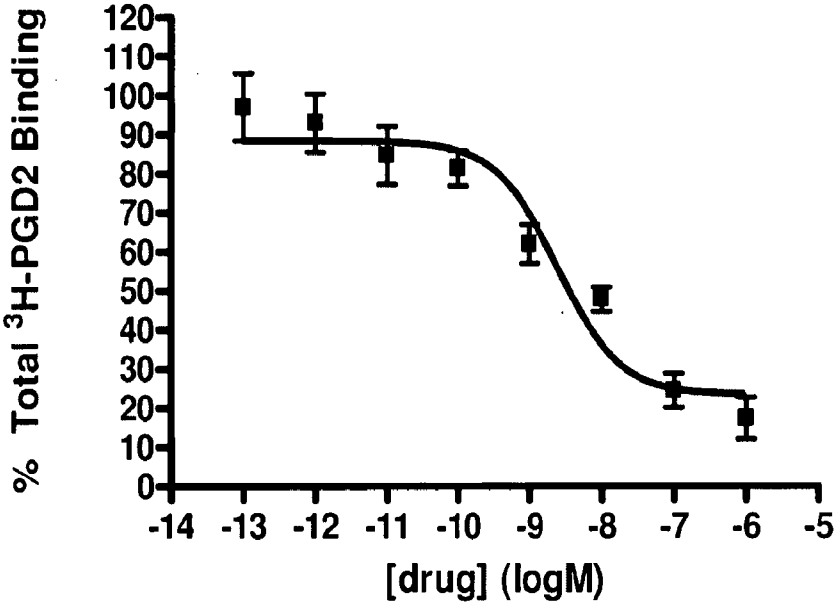
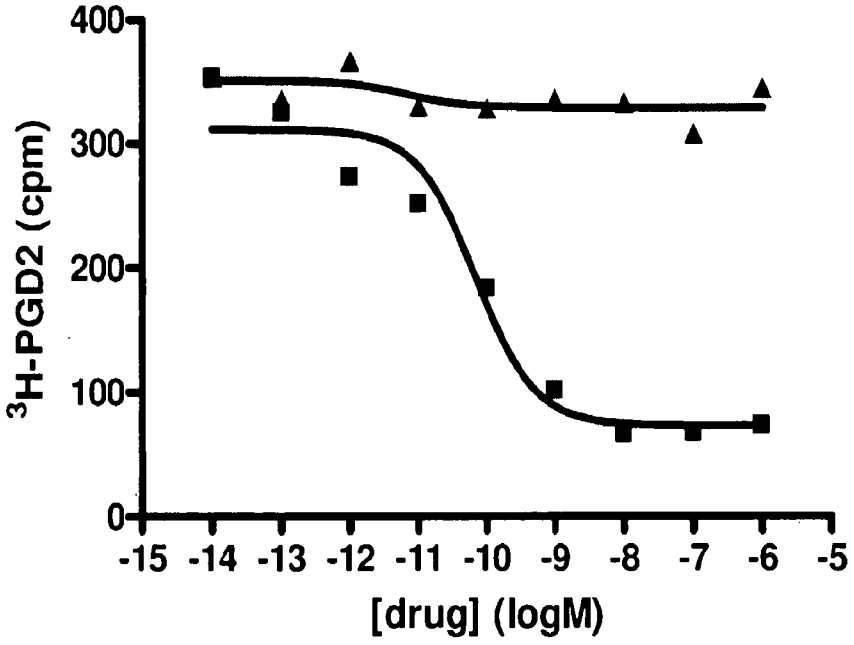

% Total $^3$H-PGD2 Binding
120
110
100
90
80
70
60
50
40
30
20
10
0
-14 -13 -12 -11 -10 -9 -8 -7 -6 -5
[drug] (logM)

FIG. 21


$^3$H-PGD2 (cpm)
400
300
200
100
0
-15 -14 -13 -12 -11 -10 -9 -8 -7 -6 -5
[drug] (logM)