Figure 1

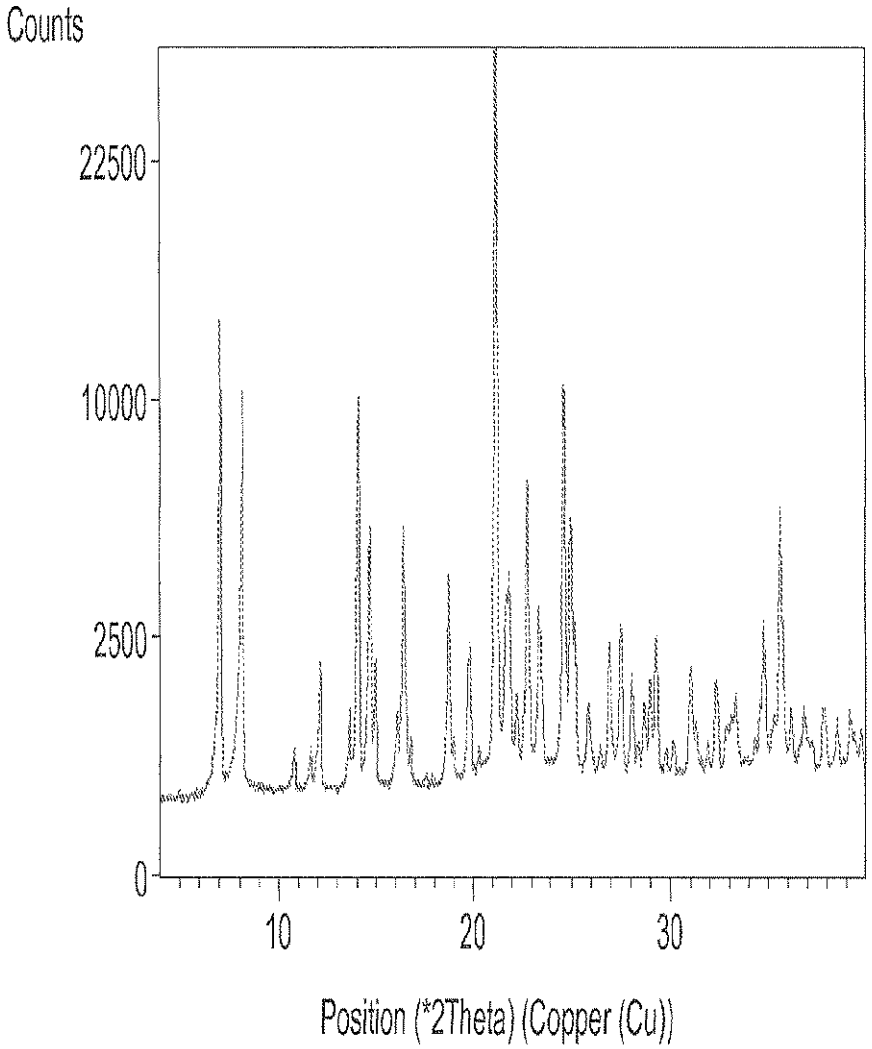


Figure 2

DSC

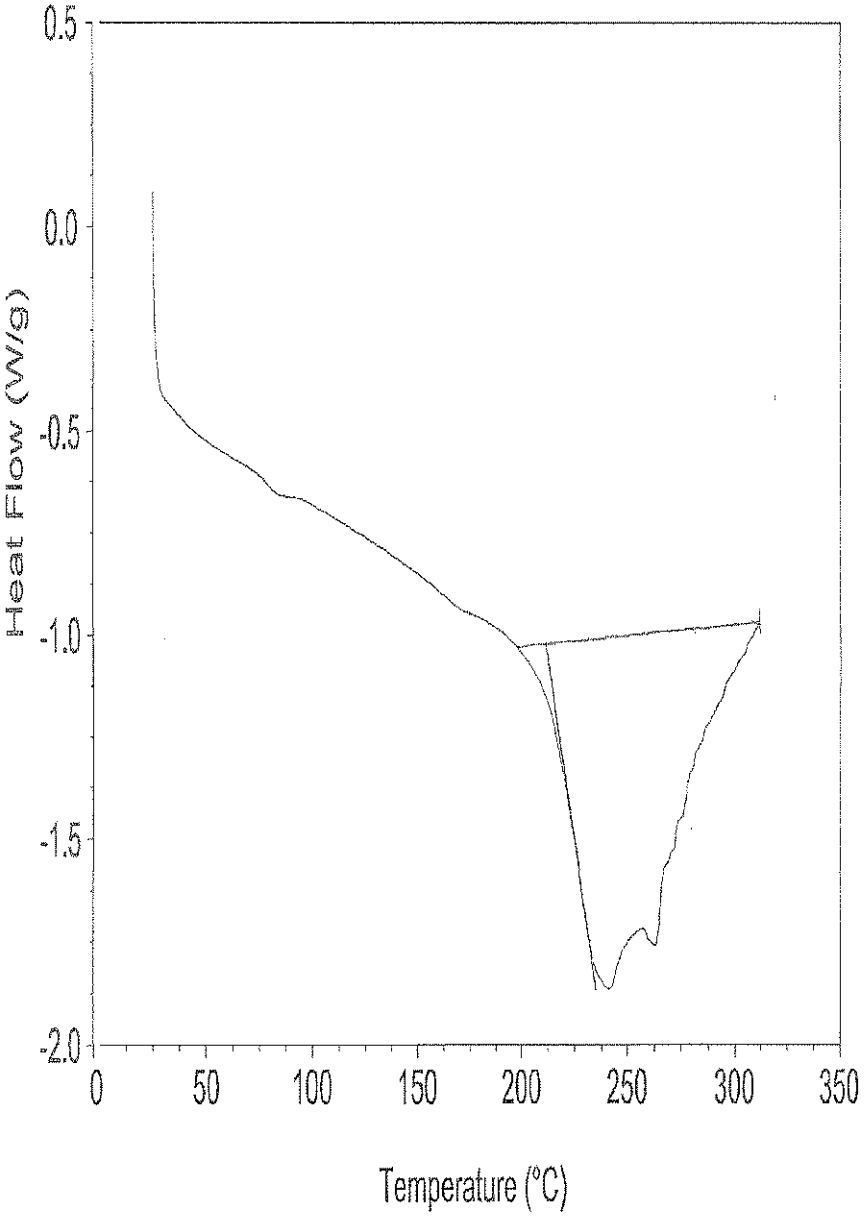

0.5
0.0
-0.5
-1.0
-1.5
-2.0
Heat Flow (W/g)
0
50
100
150
200
250
300
350
Temperature (°C)

Figure 3

TGA

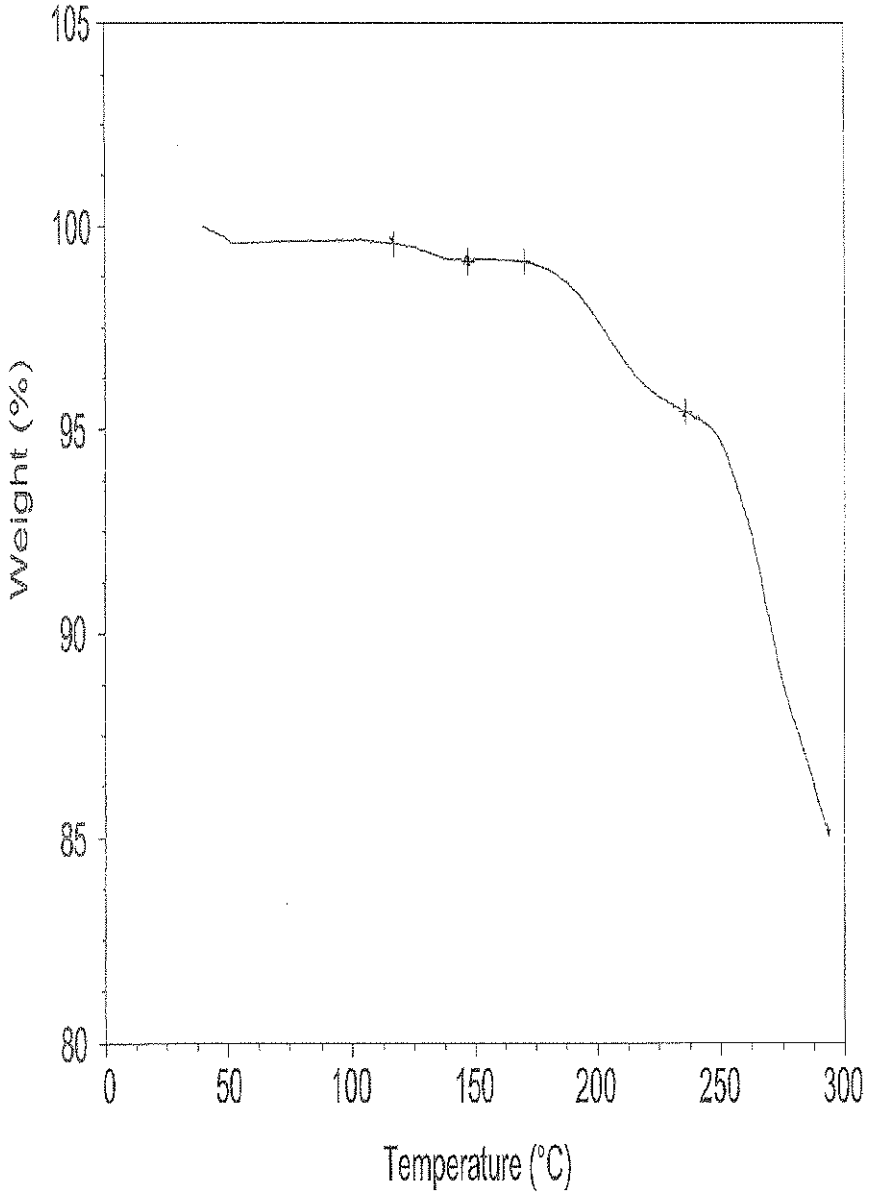

105
100
95
90
85
80
Weight (%)
0
50
100
150
200
250
300
Temperature (°C)

Figure 4

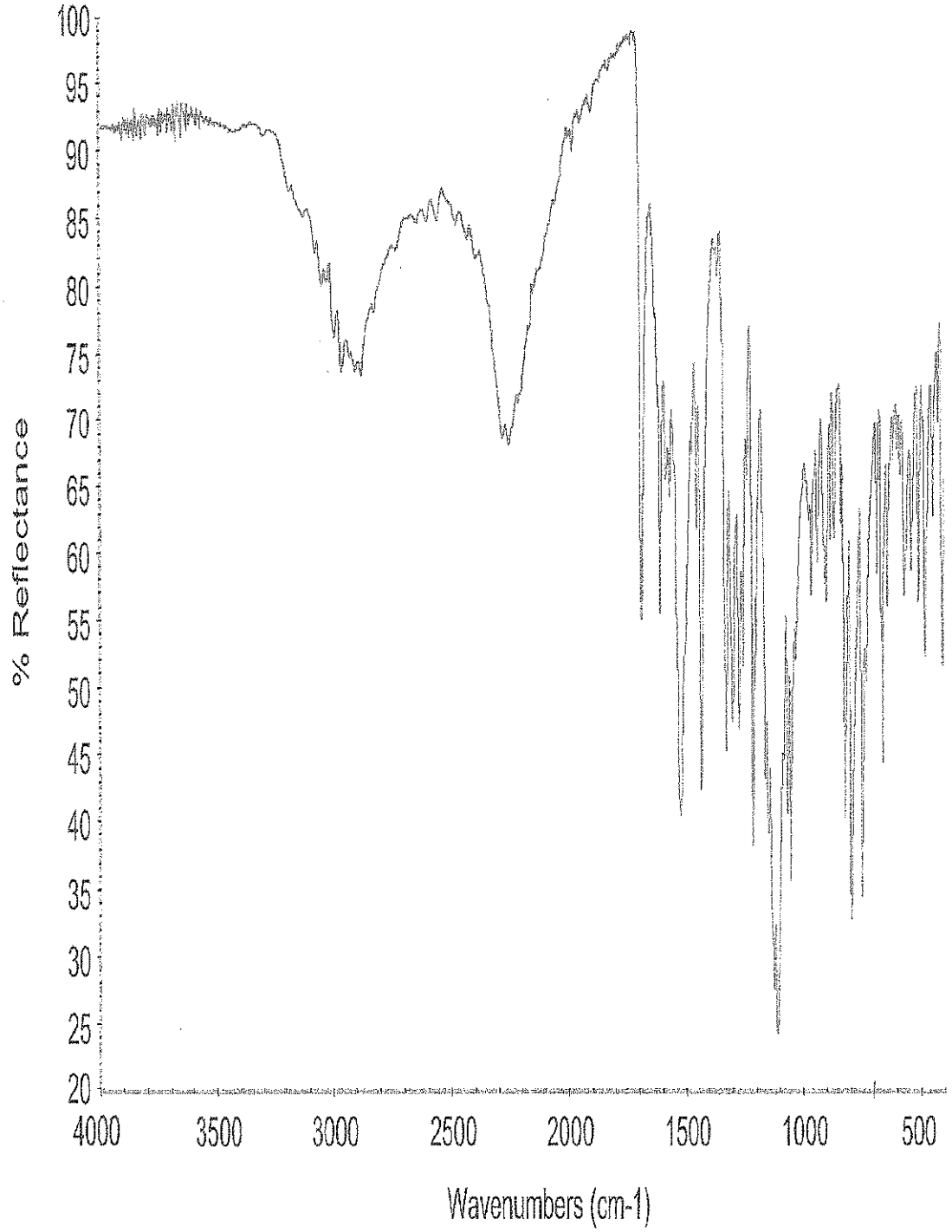

100
95
90
85
80
75
70
65
60
55
50
45
40
35
30
25
20
% Reflectance
4000
3500
3000
2500
2000
1500
1000
500
Wavenumbers (cm-1)

Figure 5

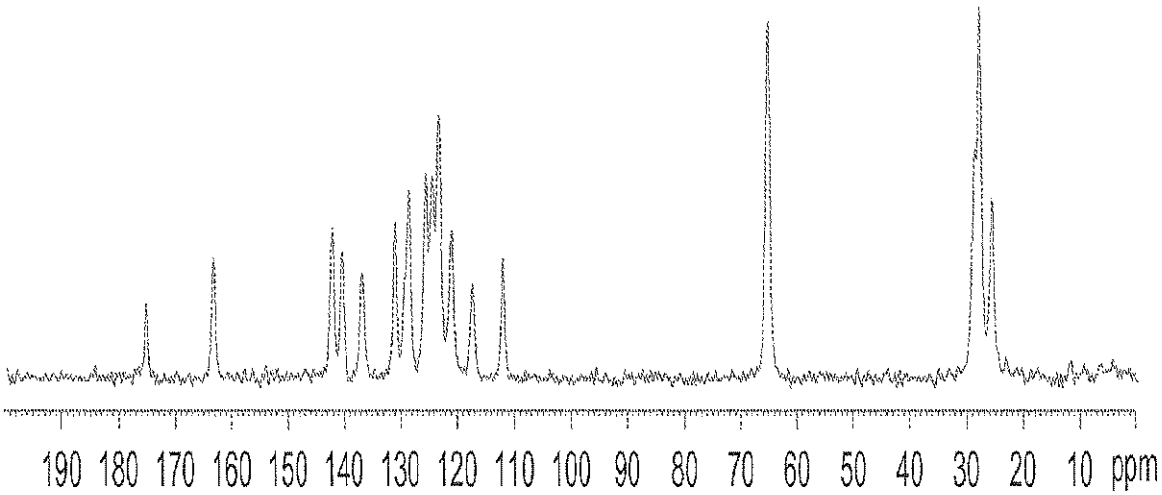

190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 ppm

Figure 6

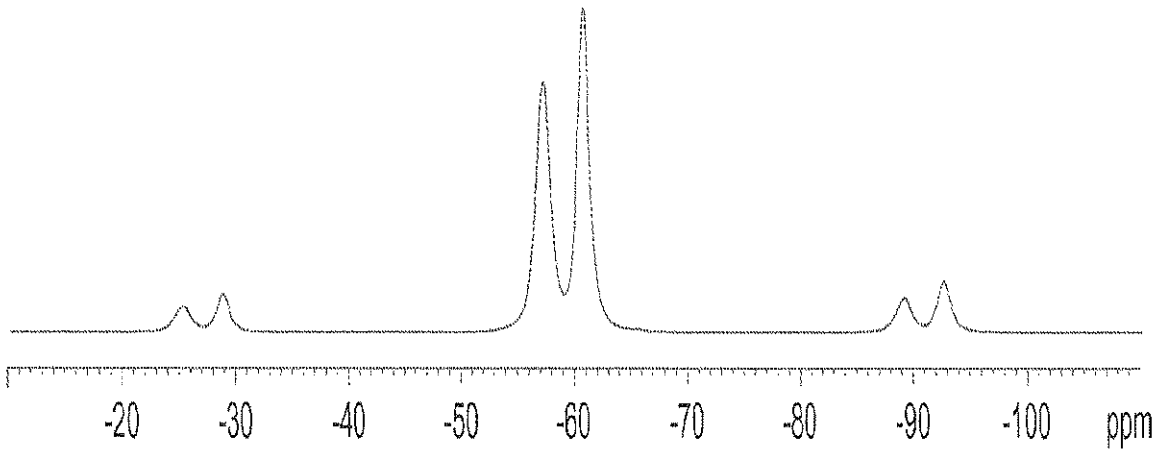


Figure 7A

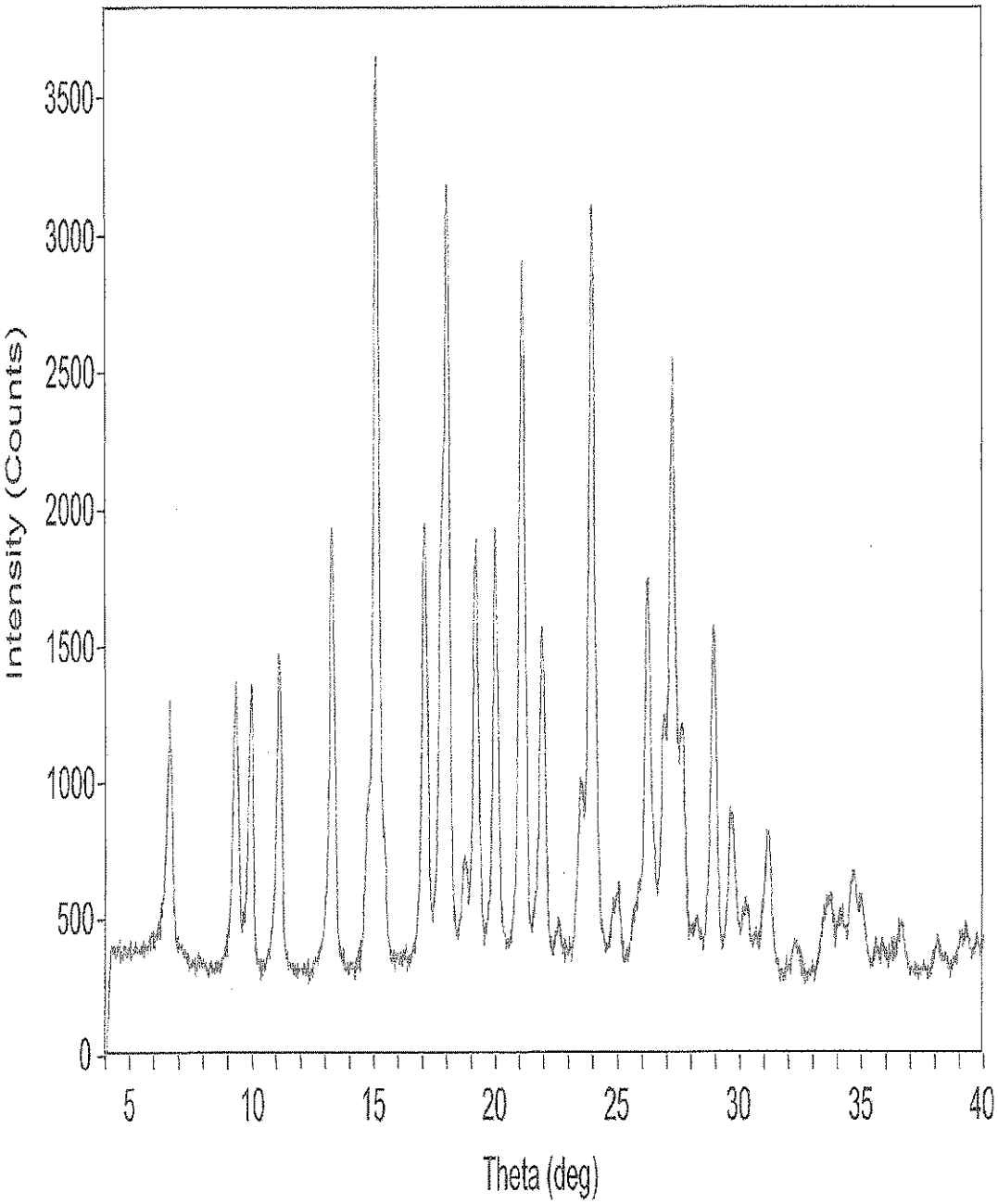

Intensity (Counts)
3500
3000
2500
2000
1500
1000
500
0
5
10
15
20
25
30
35
40
Theta (deg)

Figure 7B

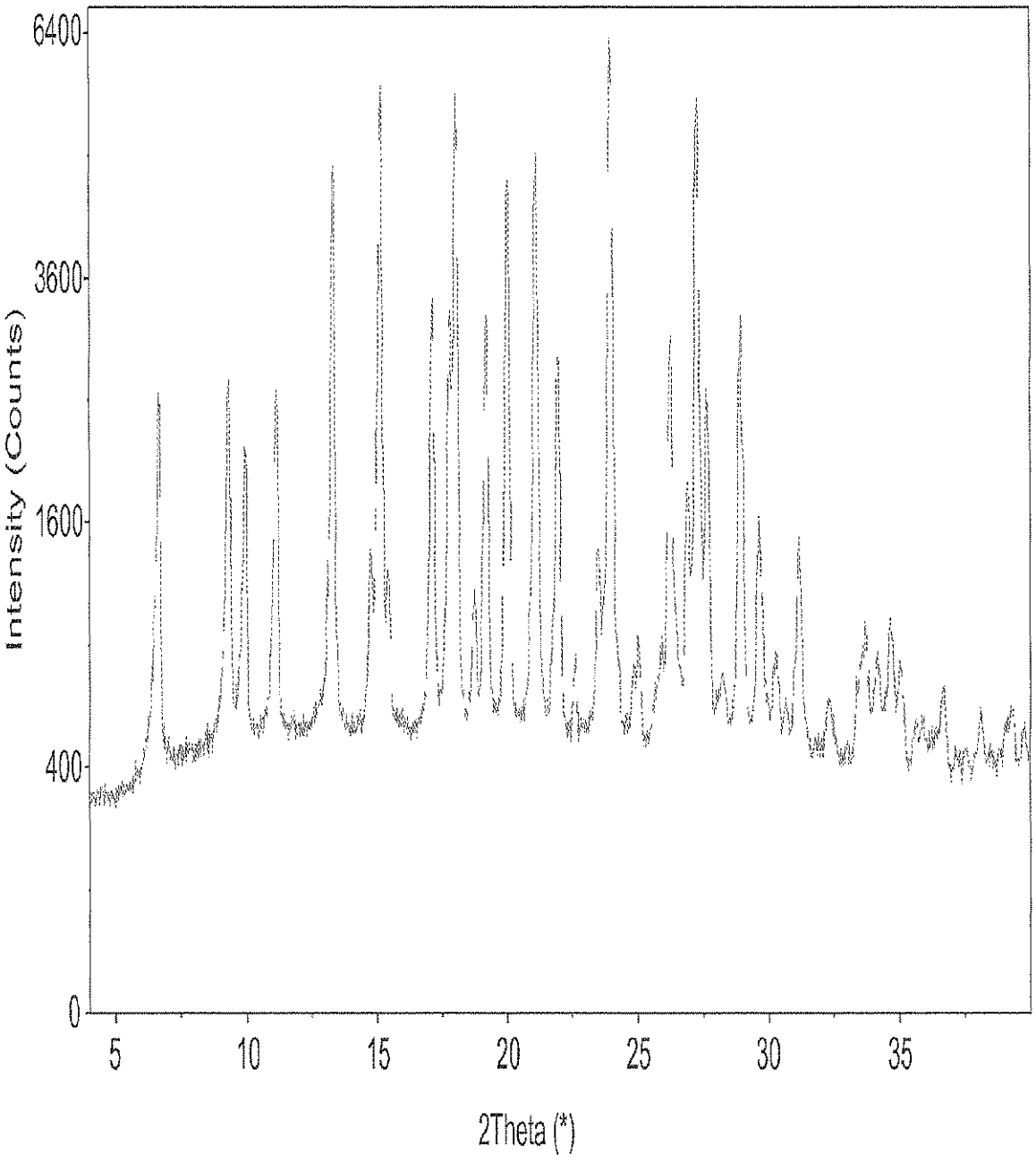

6400
3600
1600
400
0
Intensity (Counts)
5
10
15
20
25
30
35
2Theta (*)

Figure 8

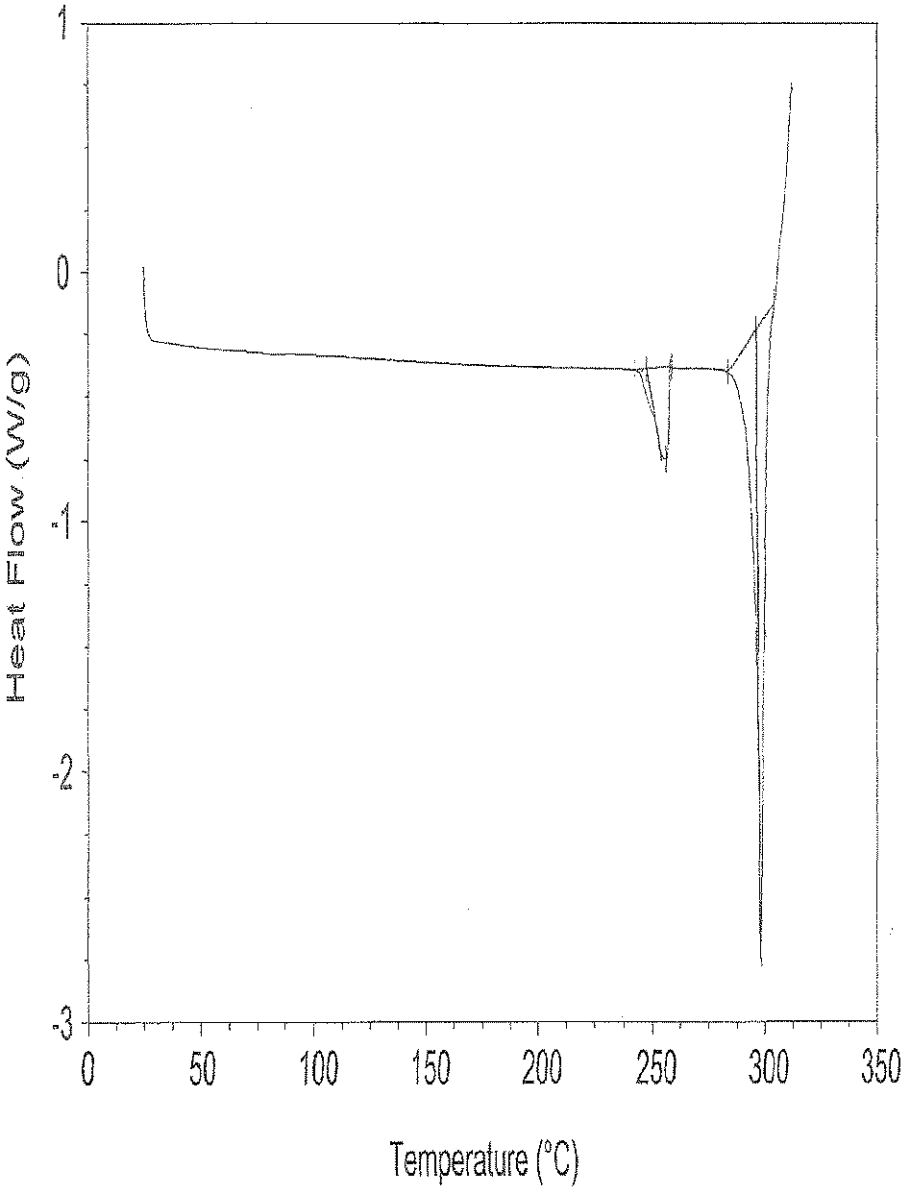

DSC
Heat Flow (W/g)
1
0
-1
-2
-3
0
50
100
150
200
250
300
350
Temperature (°C)

Figure 9

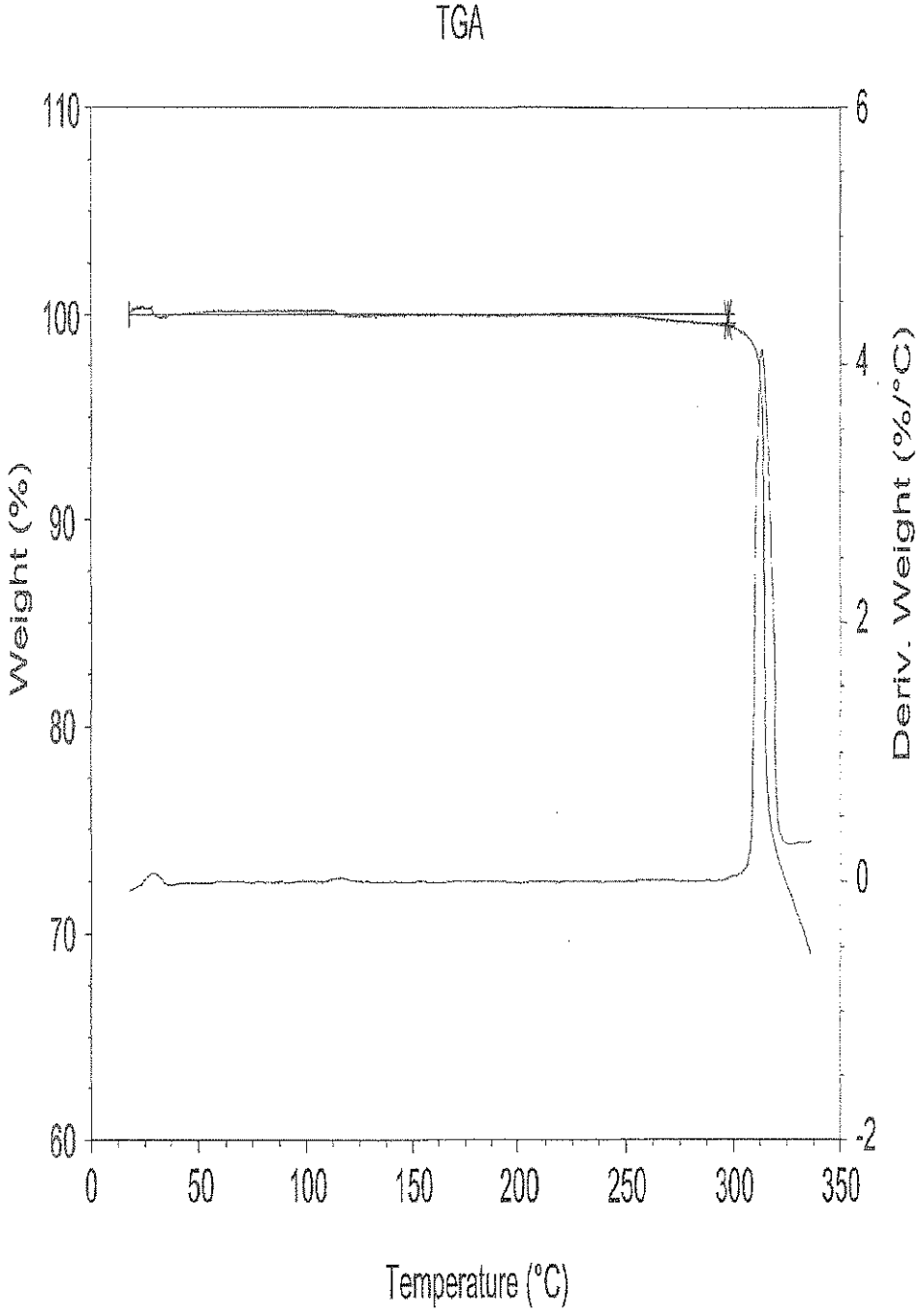

TGA
110
100
90
80
70
60
Weight (%)
6
4
2
0
-2
Deriv. Weight (%/°C)
0
50
100
150
200
250
300
350
Temperature (°C)

Figure 10

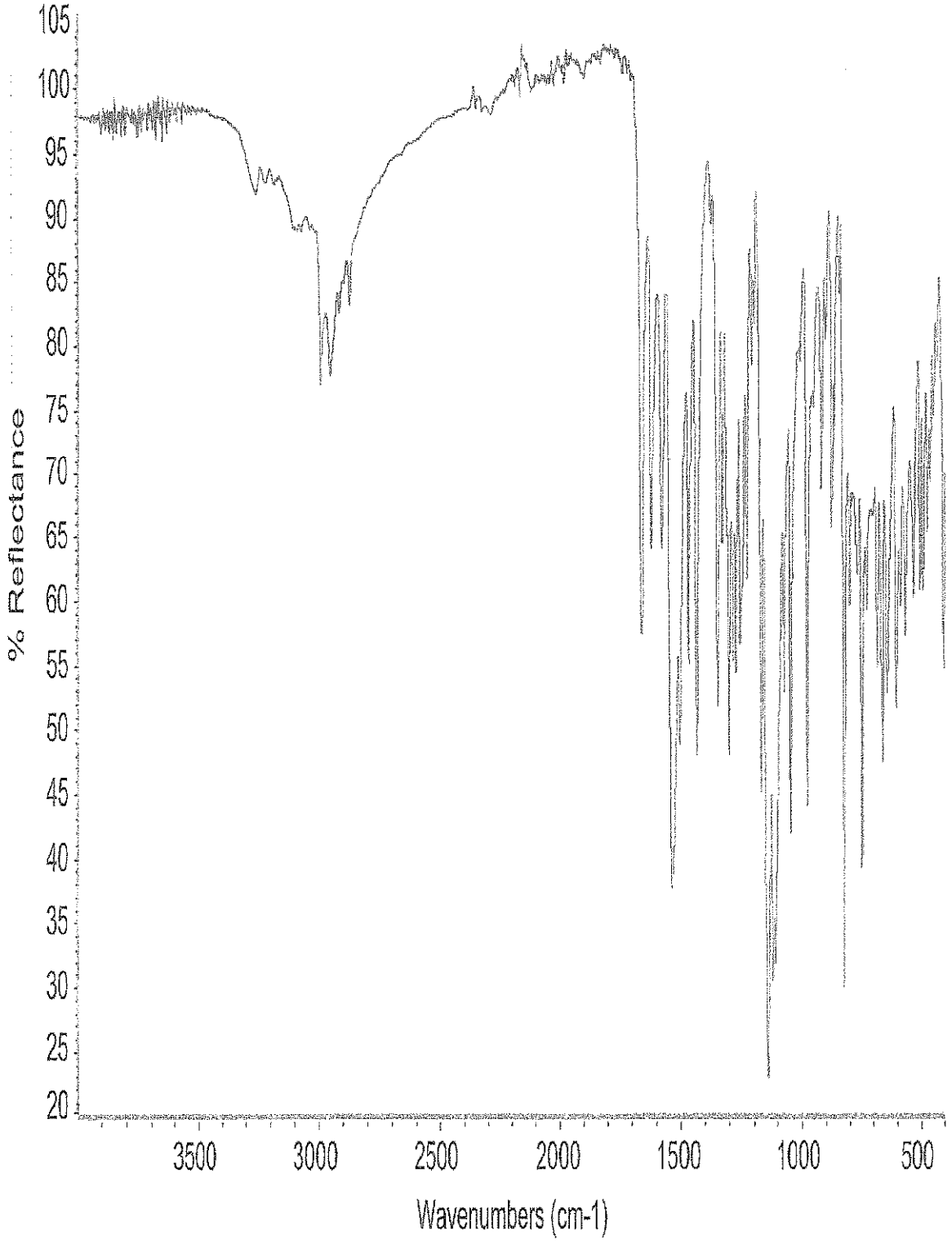

% Reflectance
105
100
95
90
85
80
75
70
65
60
55
50
45
40
35
30
25
20
3500
3000
2500
2000
1500
1000
500
Wavenumbers (cm-1)

Figure 11

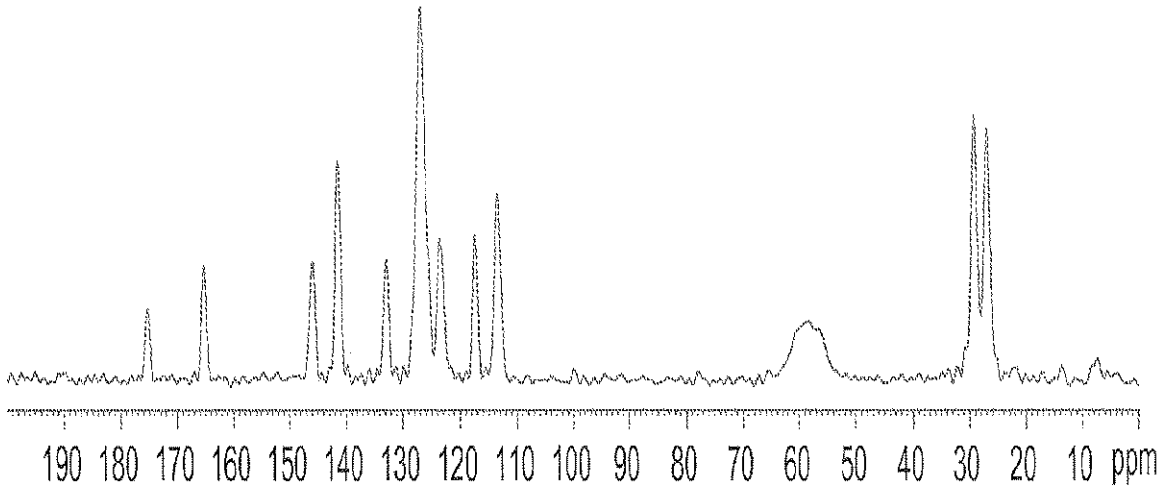

190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 ppm

Figure 12

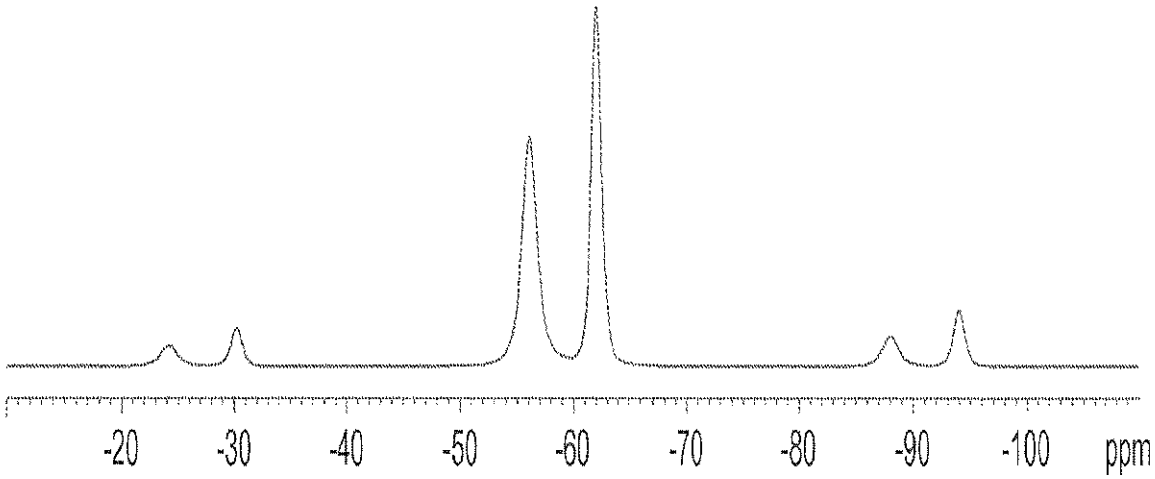


Figure 13

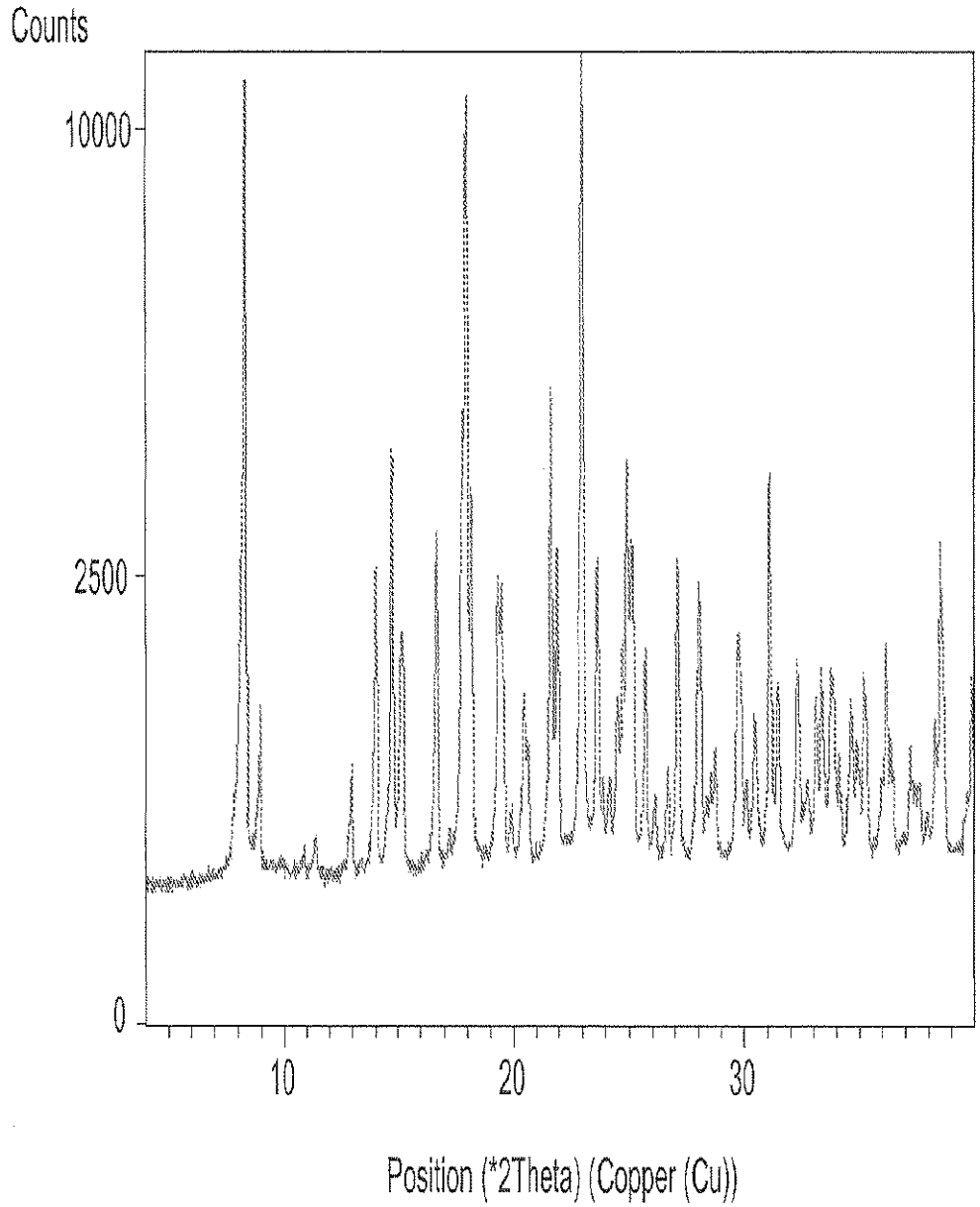


Figure 14

DSC

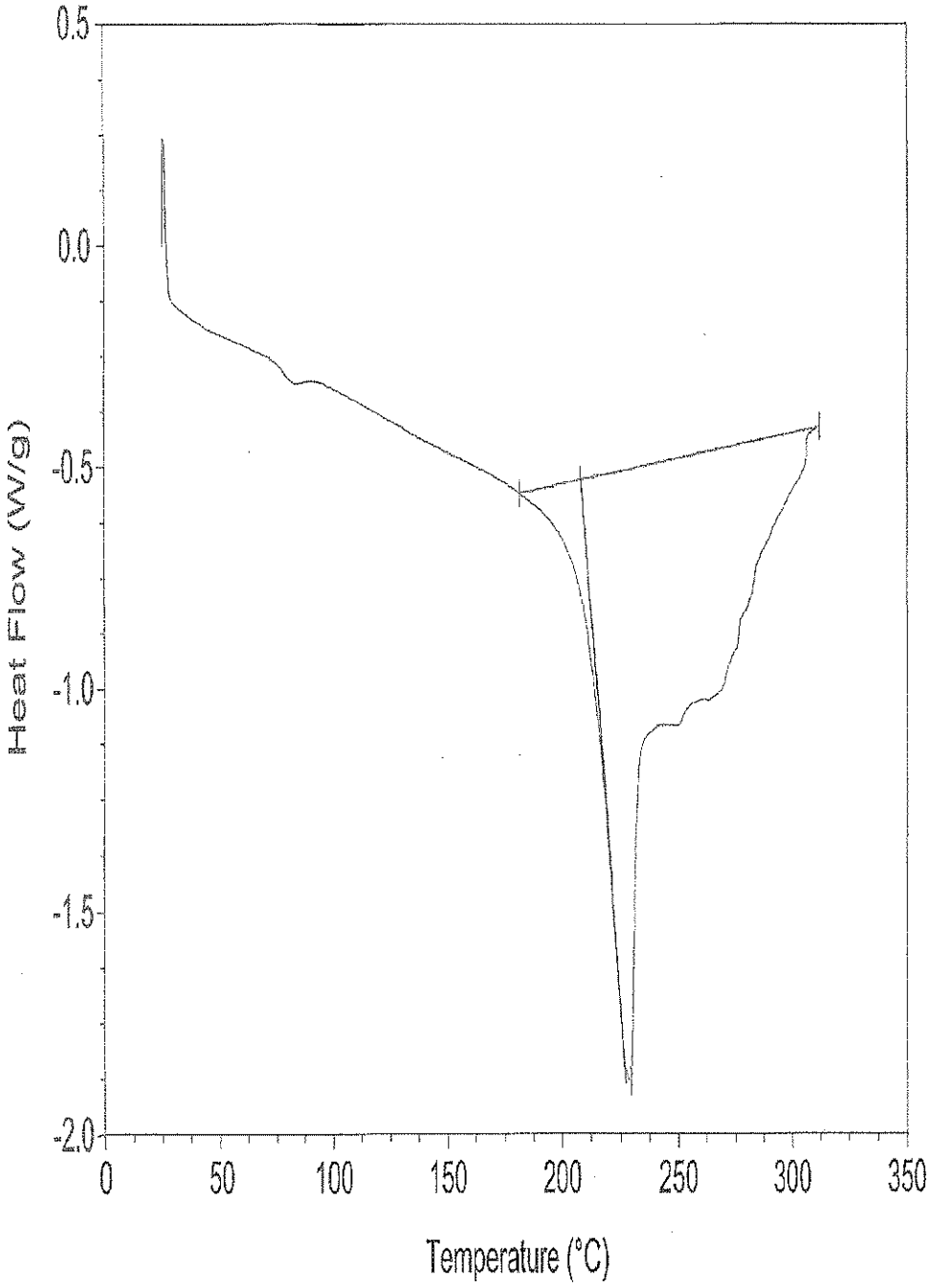


Figure 15

TGA

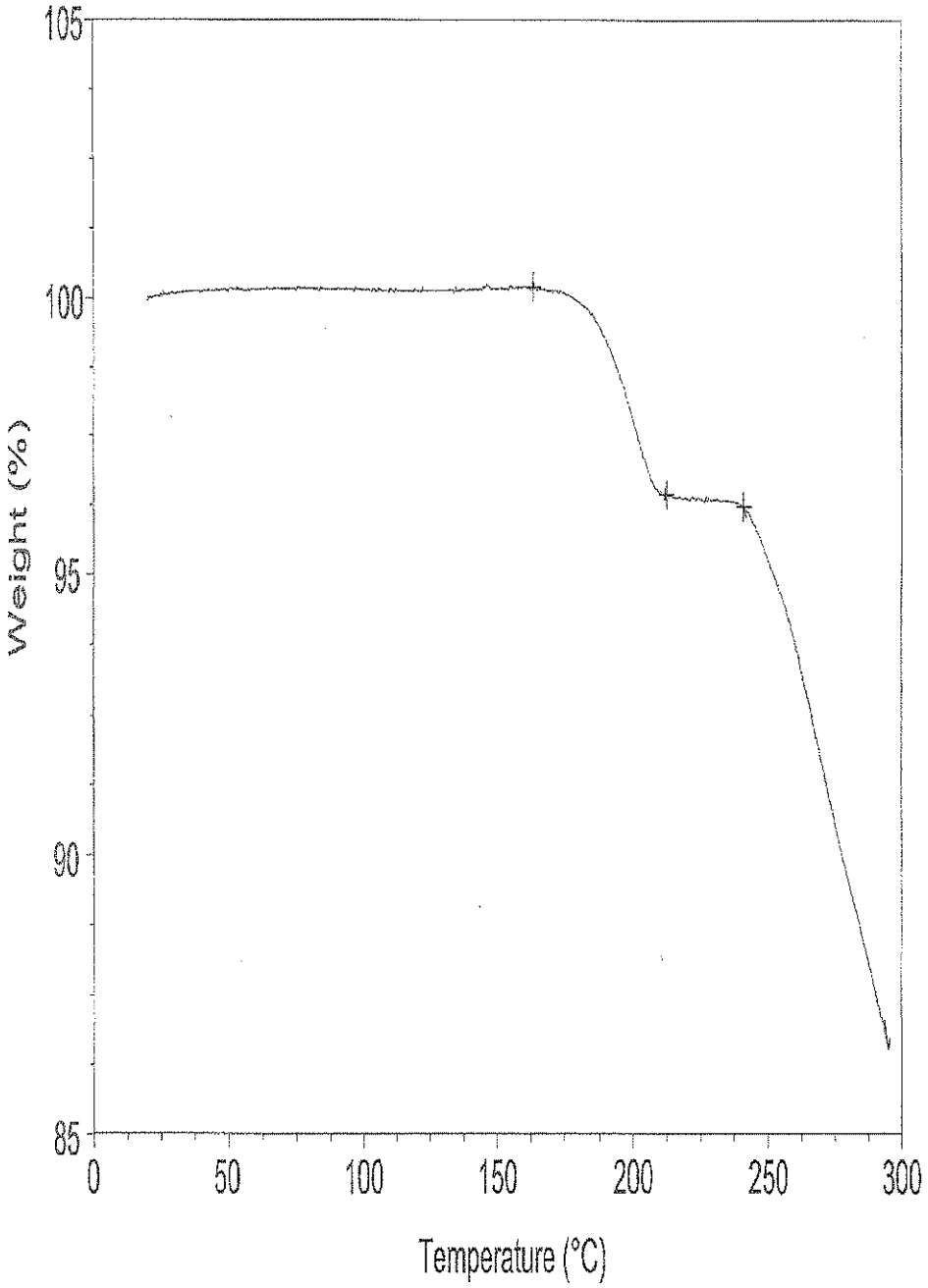


Figure 16

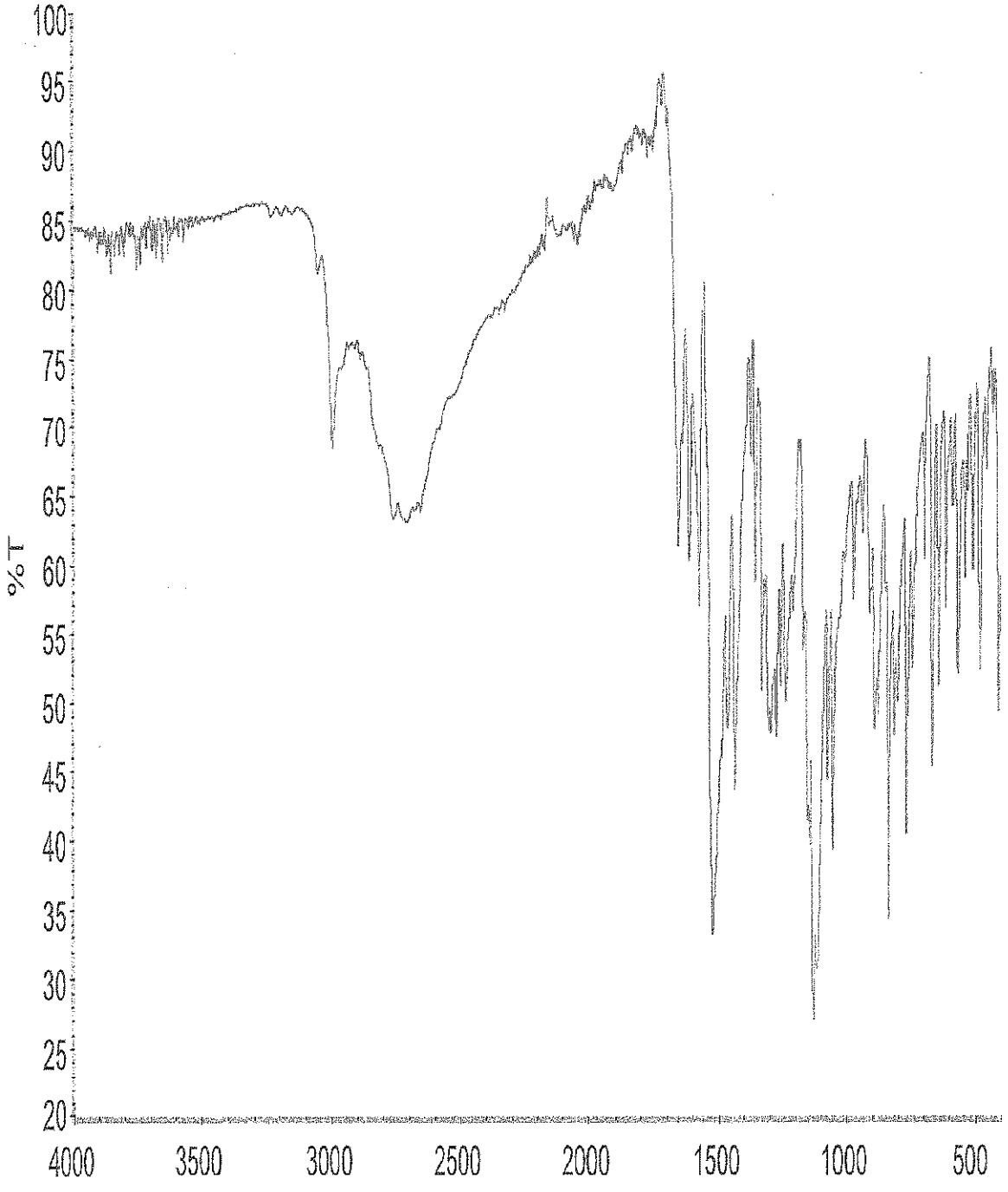

100
95
90
85
80
75
70
65
60
55
50
45
40
35
30
25
20
%T
4000
3500
3000
2500
2000
1500
1000
500
Wavenumbers (cm-1)

Figure 17

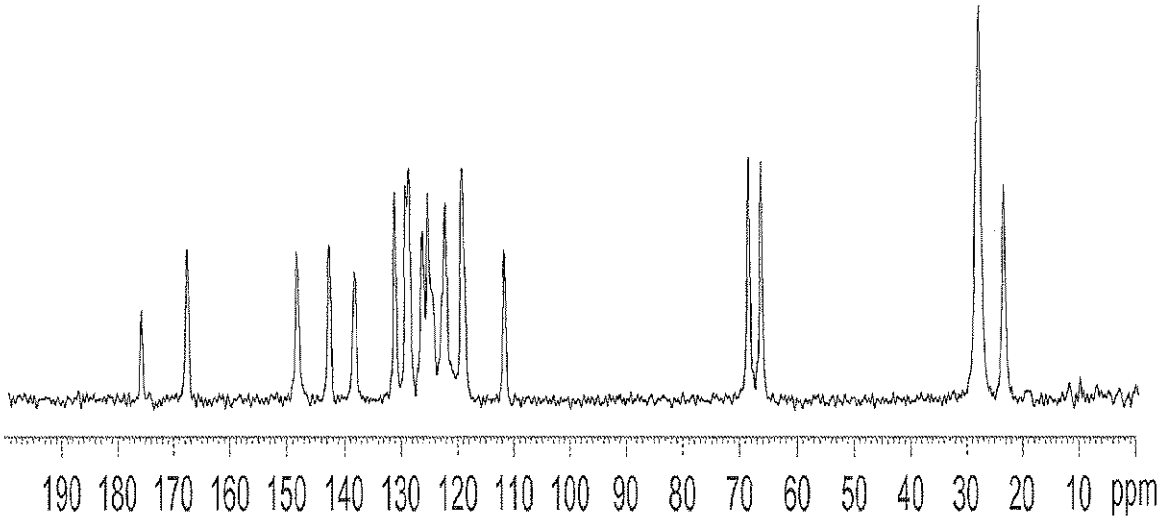

190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 ppm

Figure 18

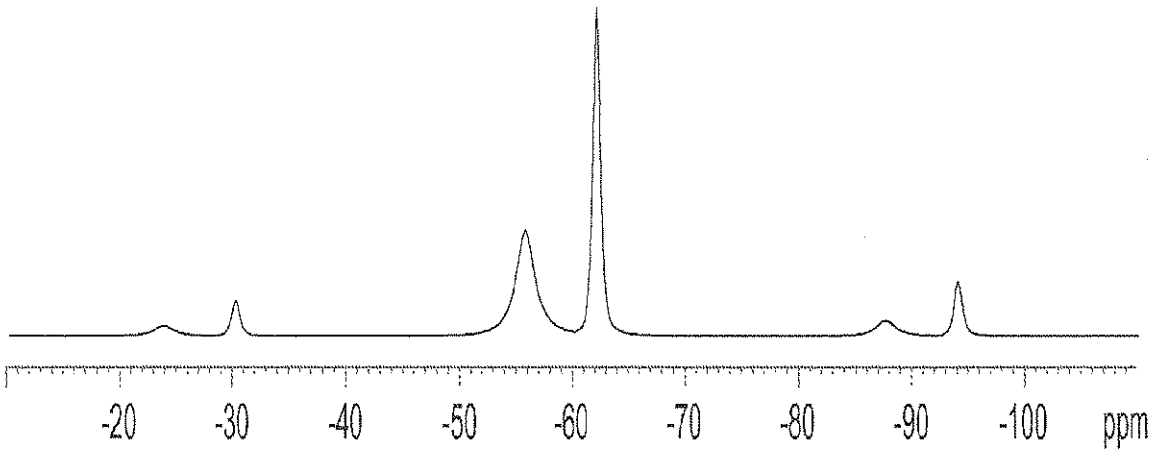


Figure 19

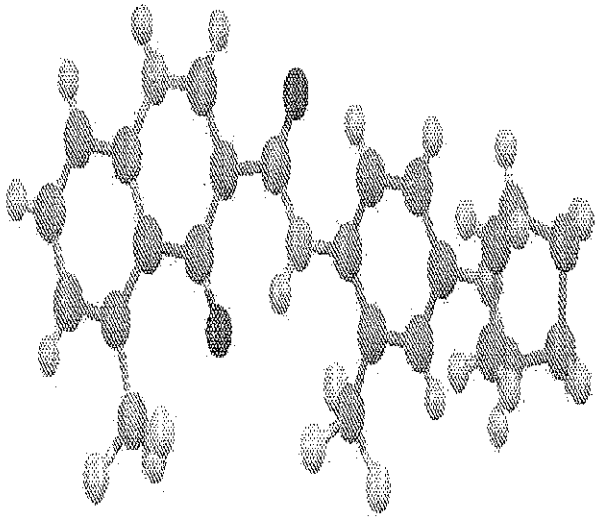


Figure 20

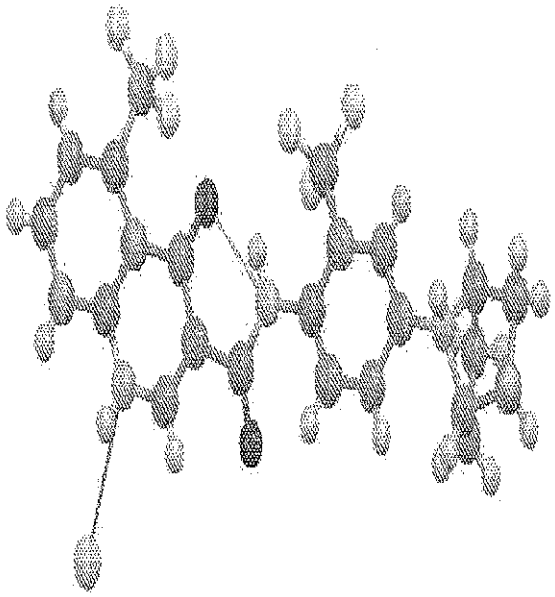


Figure 21

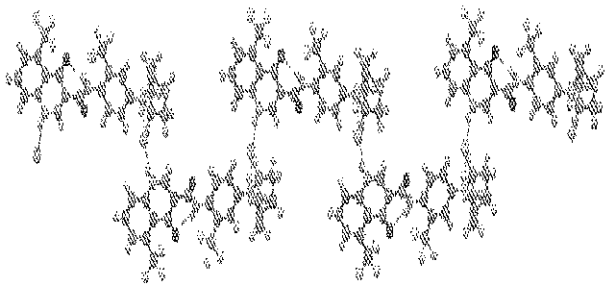


Figure 22

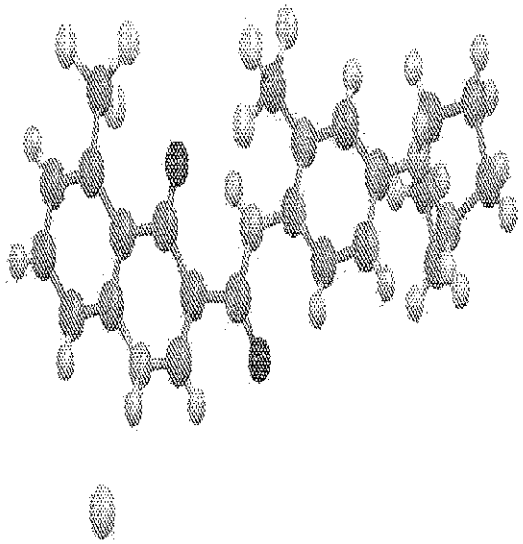


Figure 23

