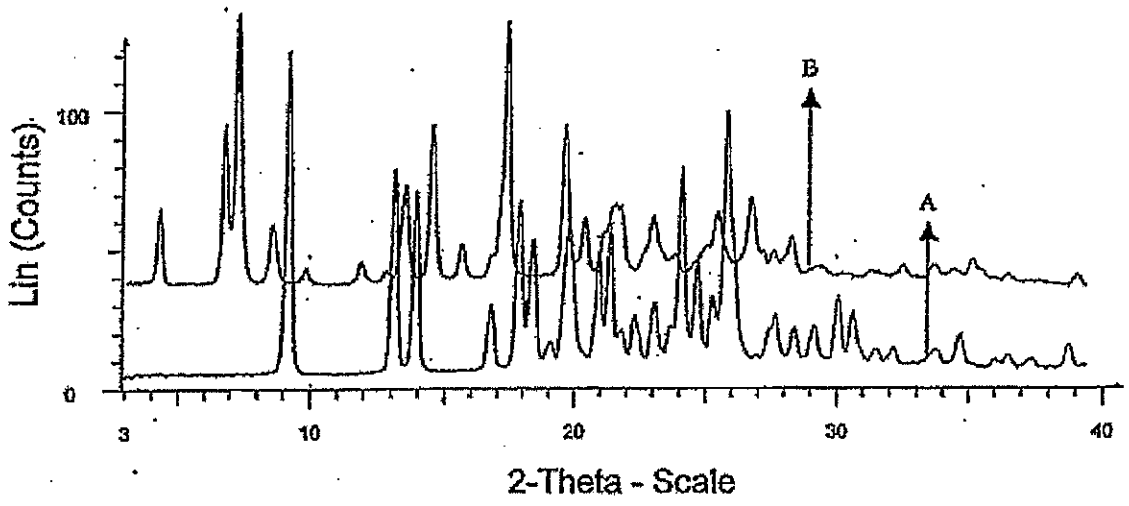


Figure 1

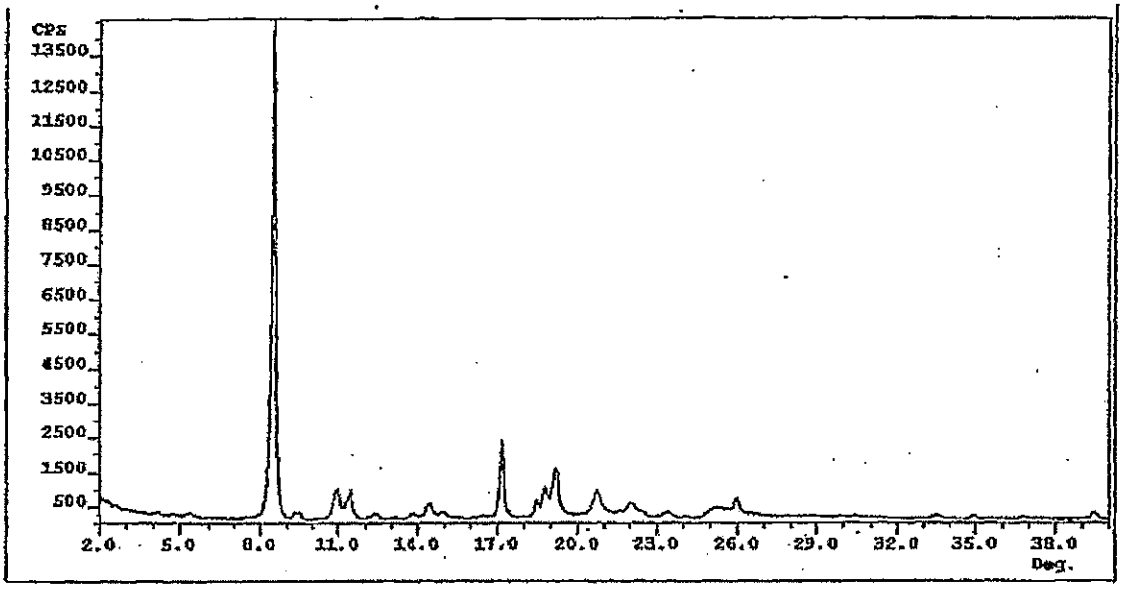

CPS
13500
12500
11500
10500
9500
8500
7500
6500
5500
4500
3500
2500
1500
500
2.0
5.0
8.0
11.0
14.0
17.0
20.0
23.0
26.0
29.0
32.0
35.0
38.0
Deg.

Figure 2

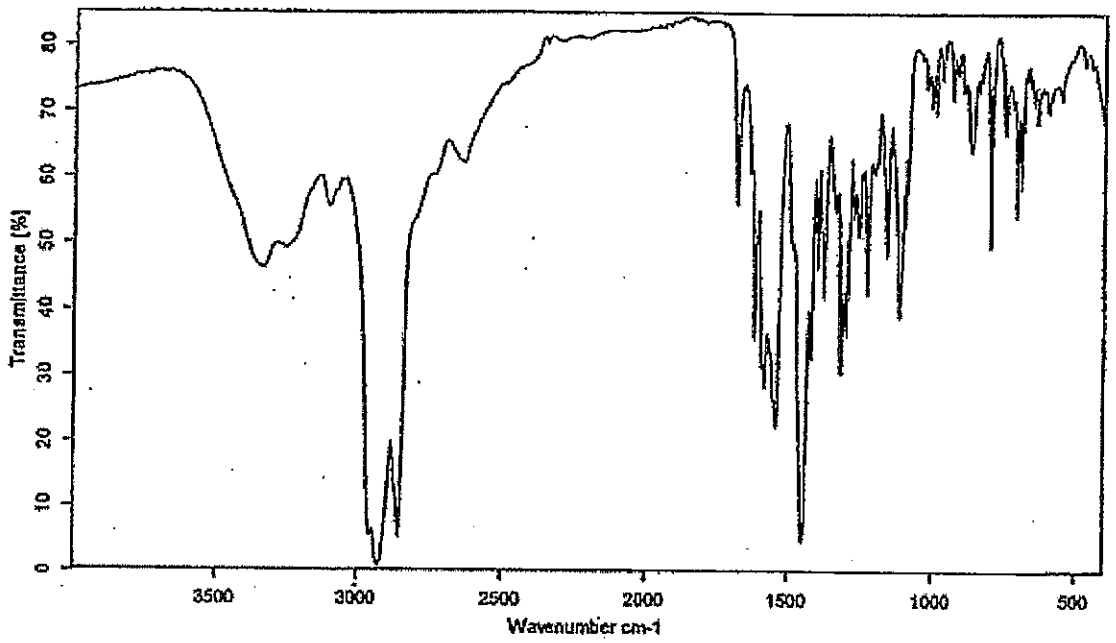

Transmittance [%]
0
10
20
30
40
50
60
70
80
3500
3000
2500
2000
1500
1000
500
Wavenumber cm-1

Figure 3

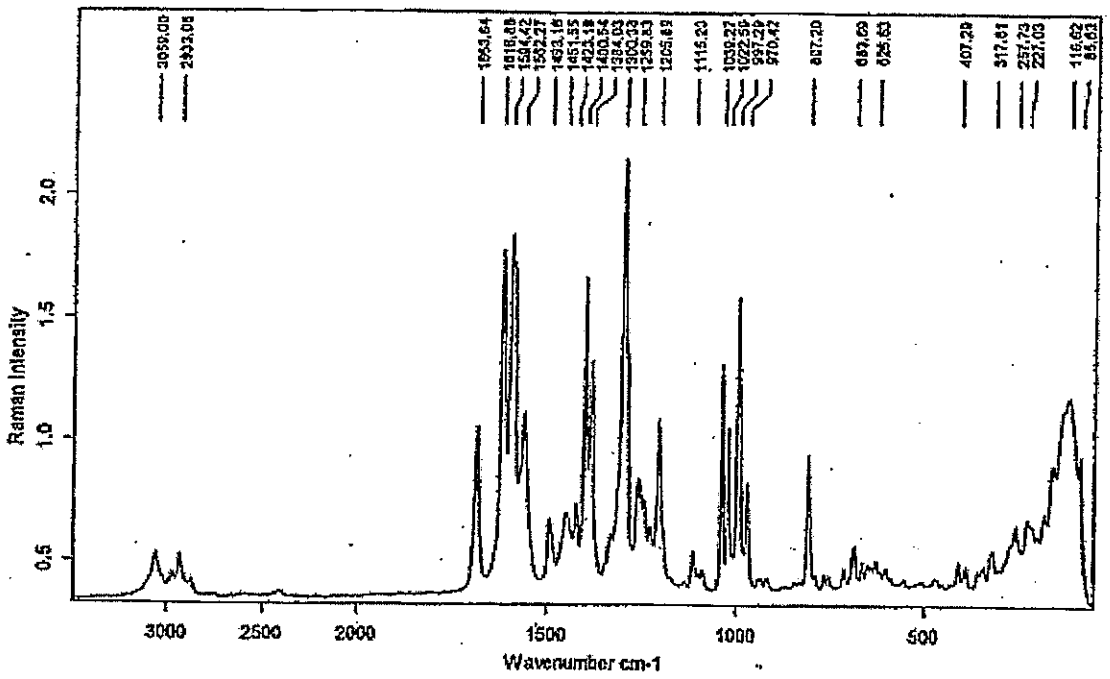

Raman Intensity
0.5
1.0
1.5
2.0
3000
2500
2000
1500
1000
500
Wavenumber cm-1

Figure 4

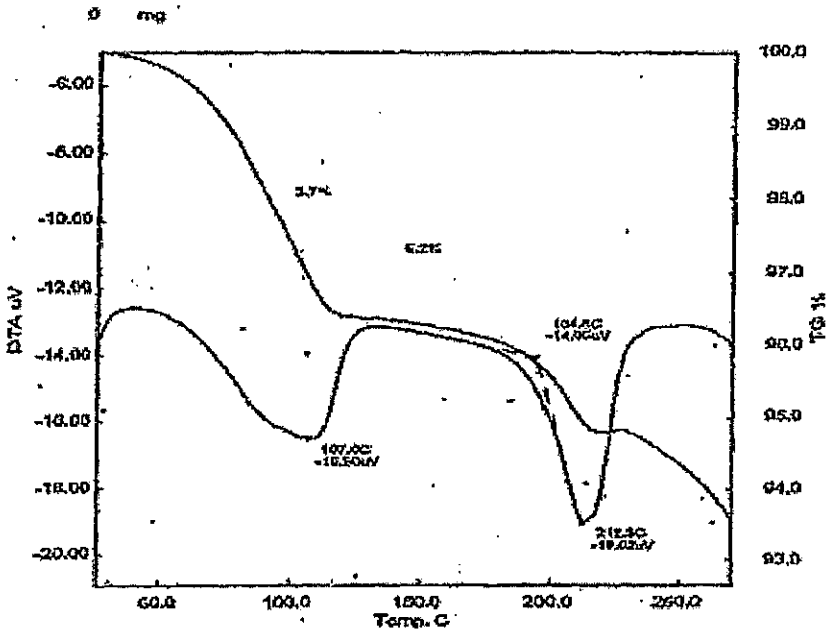

mg
-6.00
-8.00
-10.00
-12.00
-14.00
-16.00
-18.00
-20.00
DTA uV
100.0
99.0
98.0
97.0
96.0
95.0
94.0
93.0
TG %
60.0
100.0
150.0
200.0
250.0
Temp. C

Figure 5

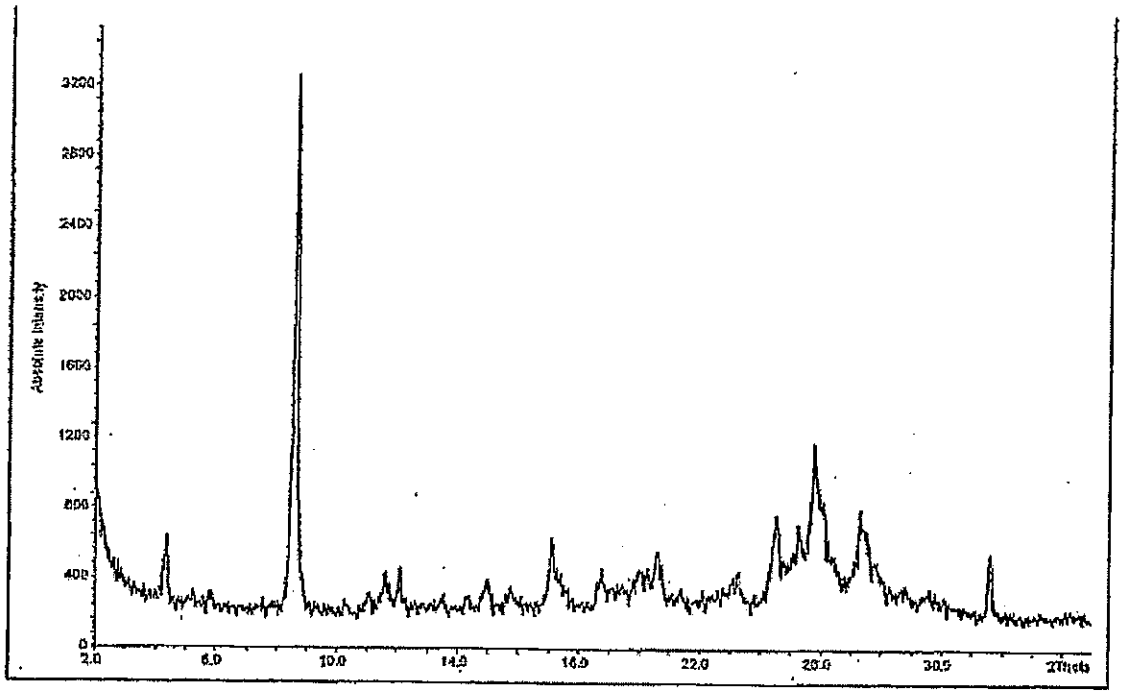

3200
2800
2400
2000
1600
1200
800
400
0
2.0
6.0
10.0
14.0
18.0
22.0
26.0
30.0
2Theta

Figure 6

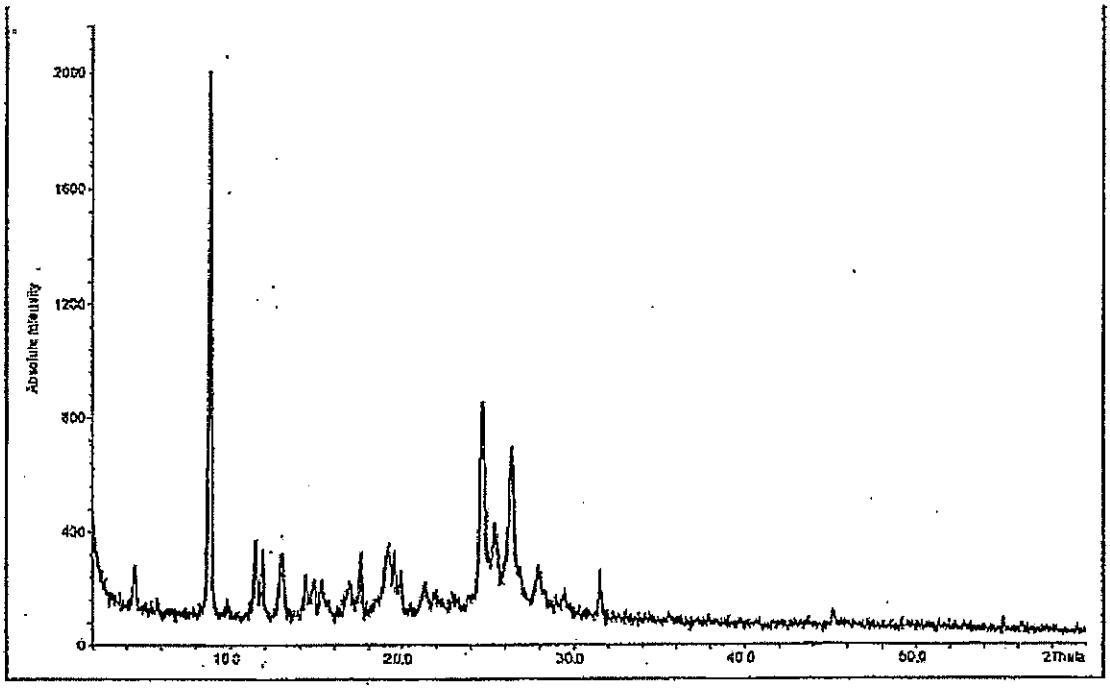

2000
1600
1200
800
400
0
Absolute Intensity
10.0
20.0
30.0
40.0
50.0
2Theta

Figure 7

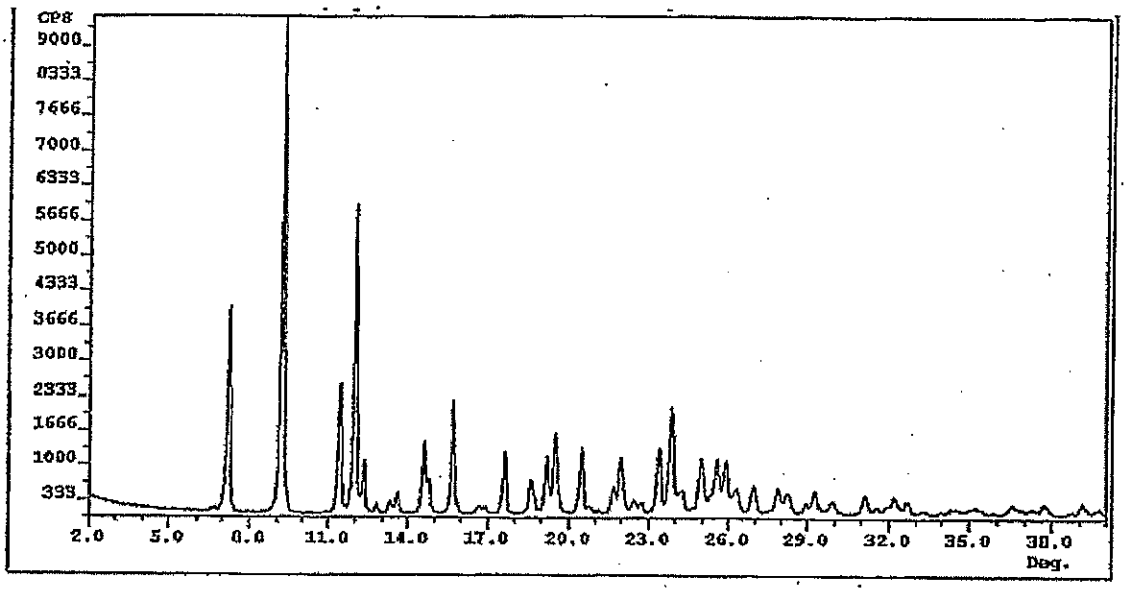

CPS
9000
8333
7666
7000
6333
5666
5000
4333
3666
3000
2333
1666
1000
333
2.0
5.0
8.0
11.0
14.0
17.0
20.0
23.0
26.0
29.0
32.0
35.0
38.0
Deg.

Figure 8

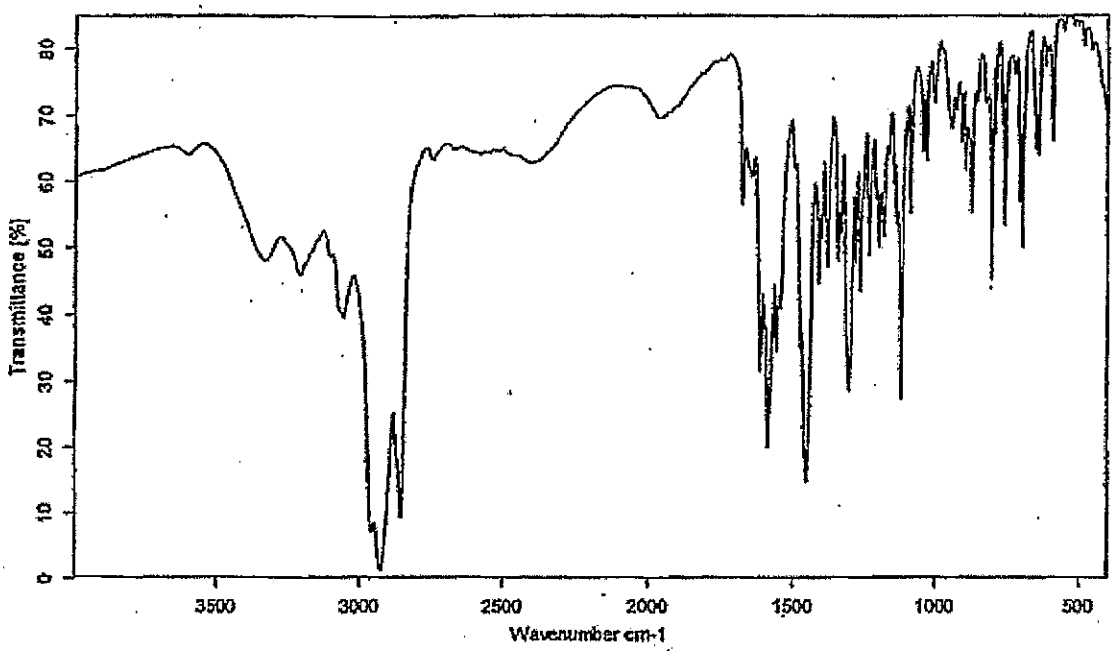

Transmittance [%]
0
10
20
30
40
50
60
70
80
3500
3000
2500
2000
1500
1000
500
Wavenumber cm-1

Figure 9

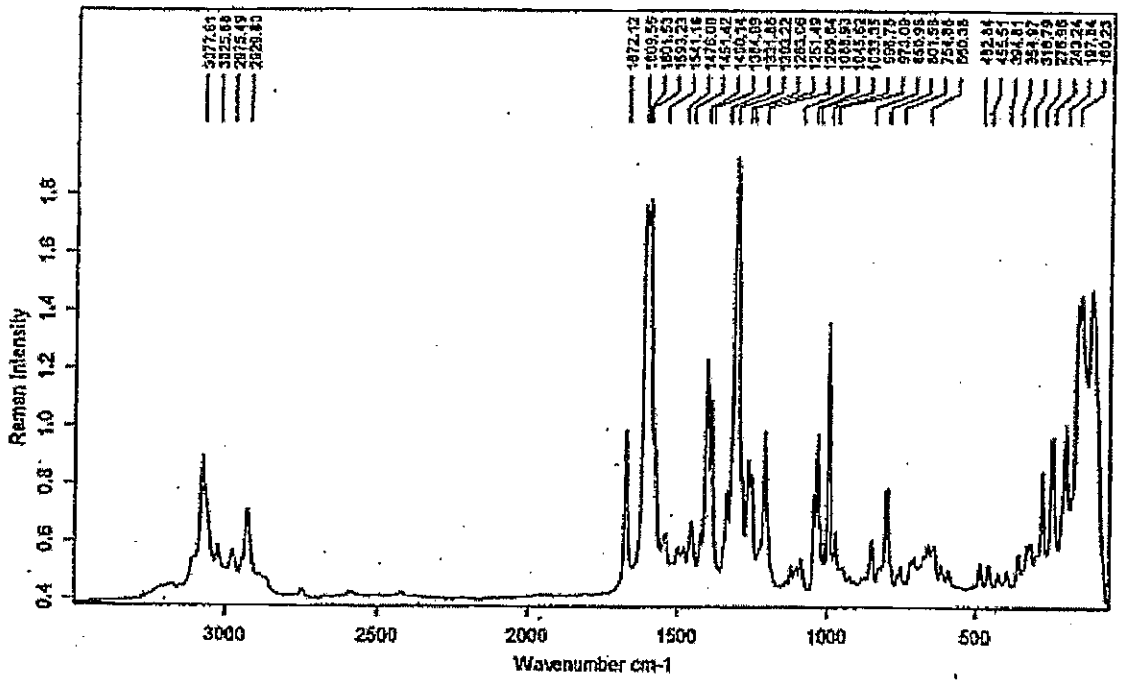

Raman Intensity
0.4
0.6
0.8
1.0
1.2
1.4
1.6
1.8
3000
2500
2000
1500
1000
500
Wavenumber cm-1

Figure 10

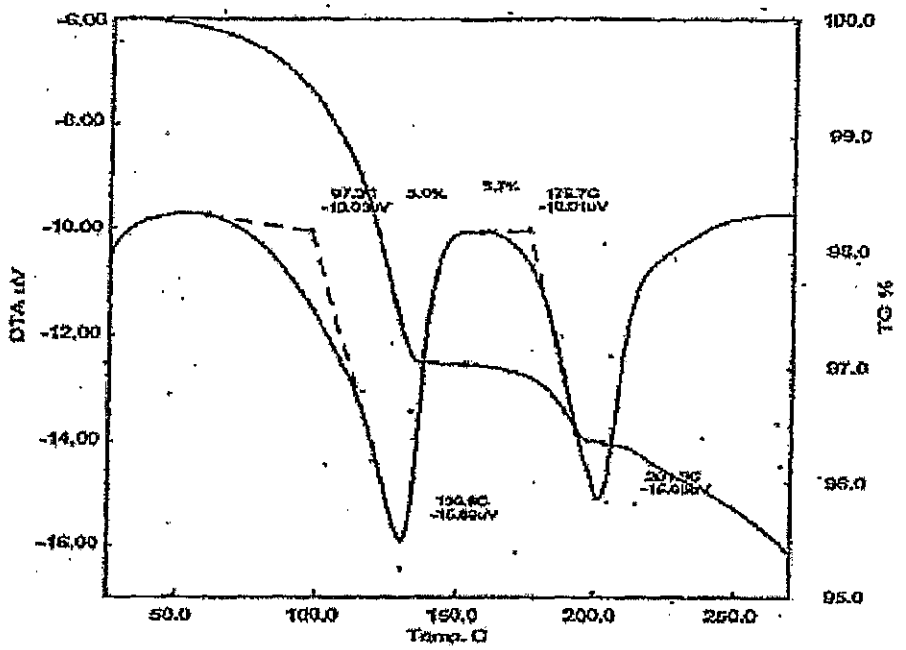

-6.00
-8.00
-10.00
-12.00
-14.00
-16.00
DTA uV
100.0
99.0
98.0
97.0
96.0
95.0
TG %
50.0
100.0
150.0
200.0
250.0
Temp. C

Figure 11

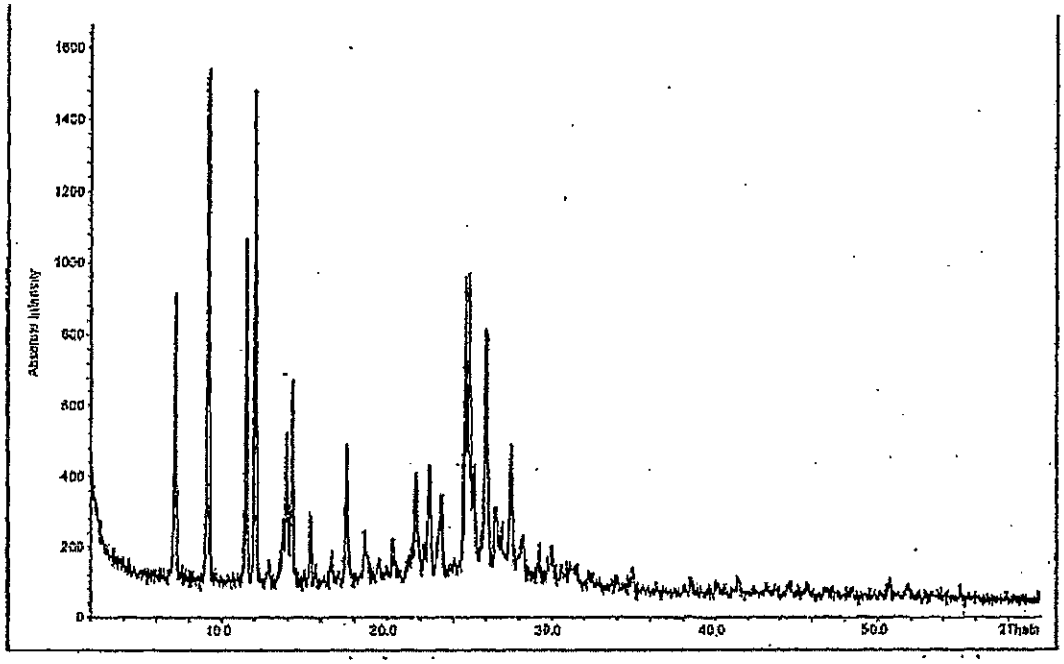

1600
1400
1200
1000
800
600
400
200
0
Absolute Intensity
10.0
20.0
30.0
40.0
50.0
2Theta

Figure 12

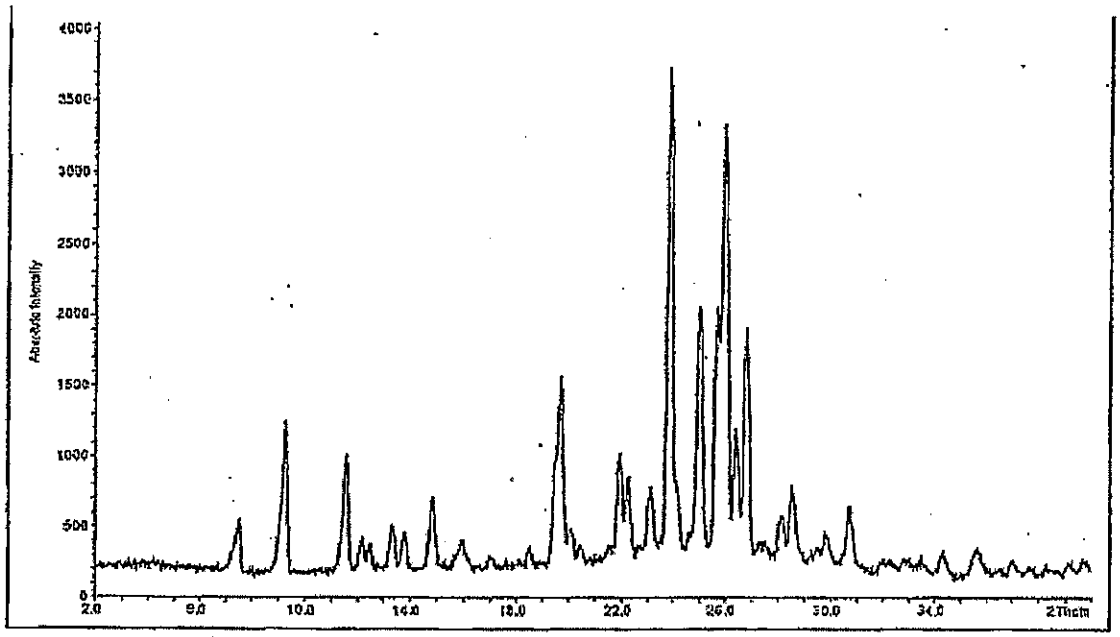

4000
3500
3000
2500
2000
1500
1000
500
0
Absolute Intensity
2.0
6.0
10.0
14.0
18.0
22.0
26.0
30.0
34.0
2Theta

Figure 13

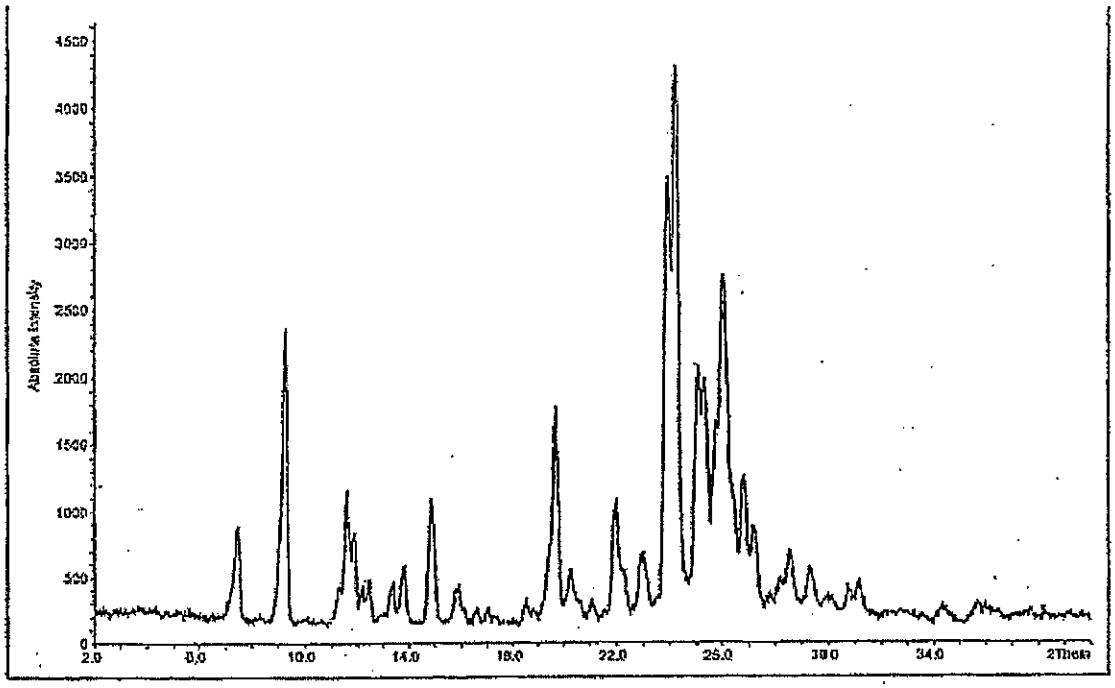

Absolute Intensity
4500
4000
3500
3000
2500
2000
1500
1000
500
0
2.0
6.0
10.0
14.0
18.0
22.0
26.0
30.0
34.0
2Theta

Figure 14

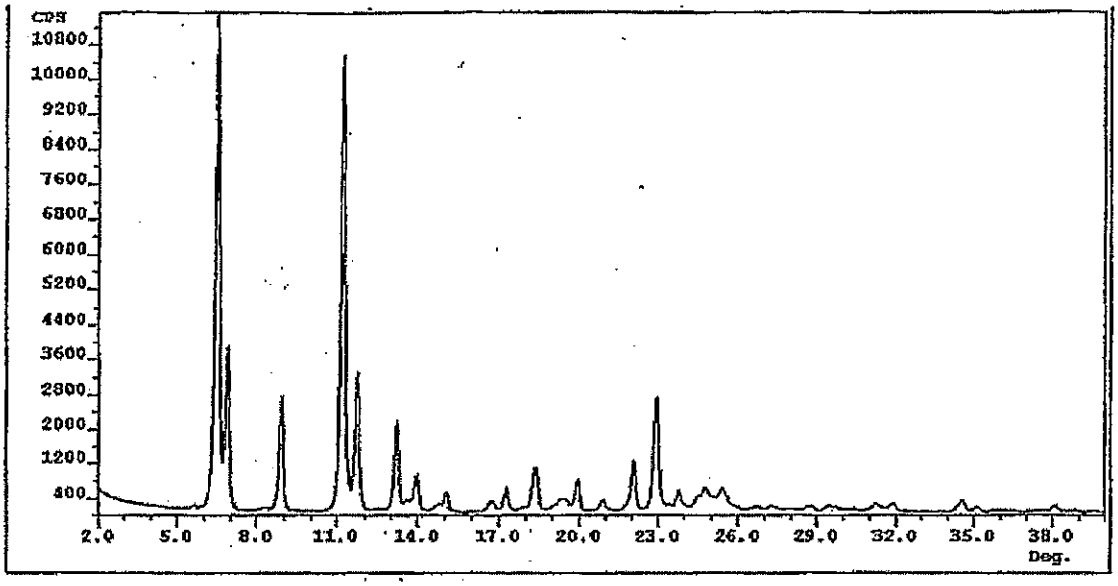

CPS
10800
10000
9200
8400
7600
6800
6000
5200
4400
3600
2800
2000
1200
400
2.0
5.0
8.0
11.0
14.0
17.0
20.0
23.0
26.0
29.0
32.0
35.0
38.0
Deg.

Figure 15

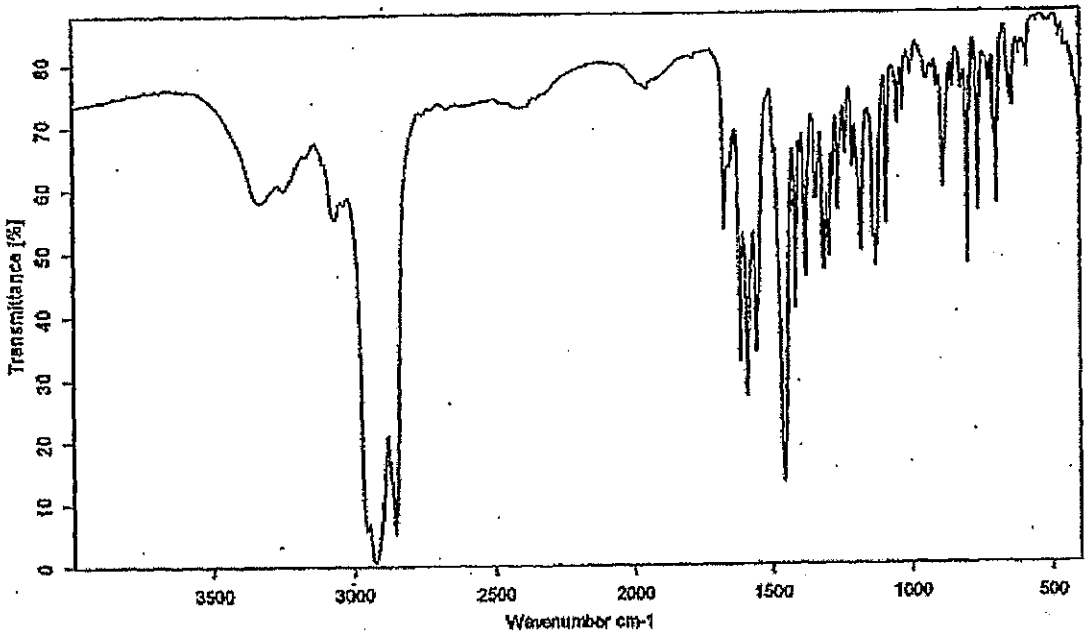

Transmittance [%]
0
10
20
30
40
50
60
70
80
3500
3000
2500
2000
1500
1000
500
Wavenumber cm-1

Figure 16

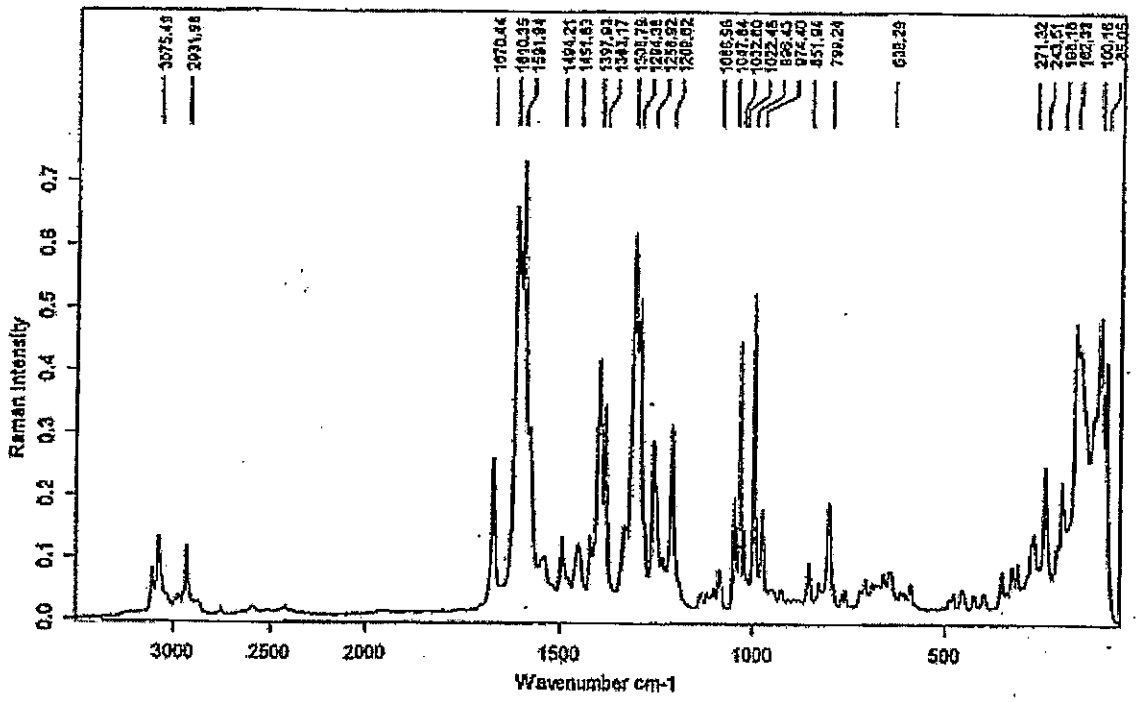

Raman Intensity
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
3000
2500
2000
1500
1000
500
Wavenumber cm-1

Figure 17

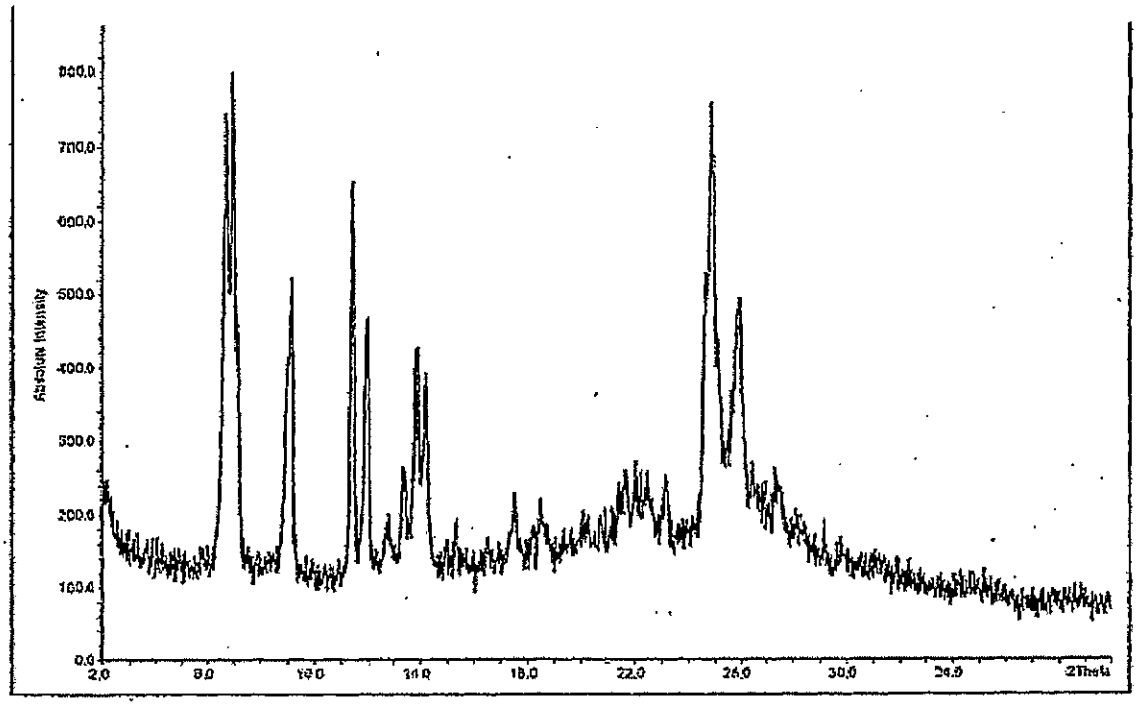

800.0
700.0
600.0
500.0
400.0
300.0
200.0
100.0
0.0
Absolute Intensity
2.0
6.0
10.0
14.0
18.0
22.0
26.0
30.0
34.0
2Theta

Figure 18

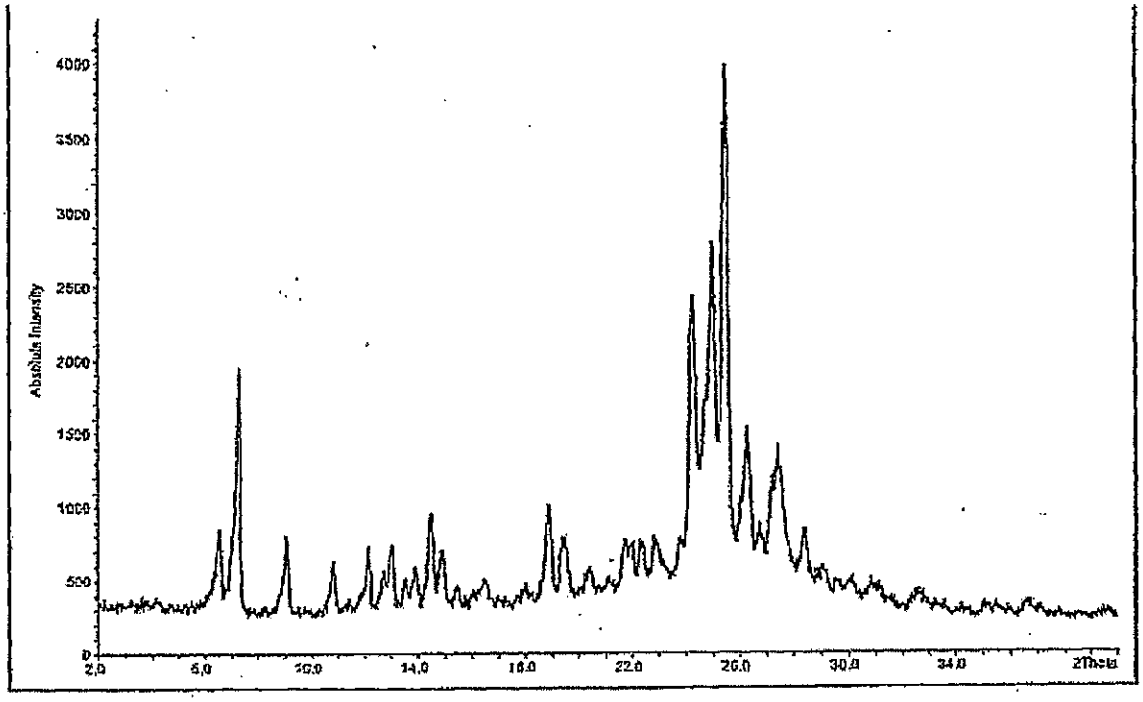

Absolute Intensity
4000
3500
3000
2500
2000
1500
1000
500
0
2.0
6.0
10.0
14.0
18.0
22.0
26.0
30.0
34.0
2Theta

Figure 19

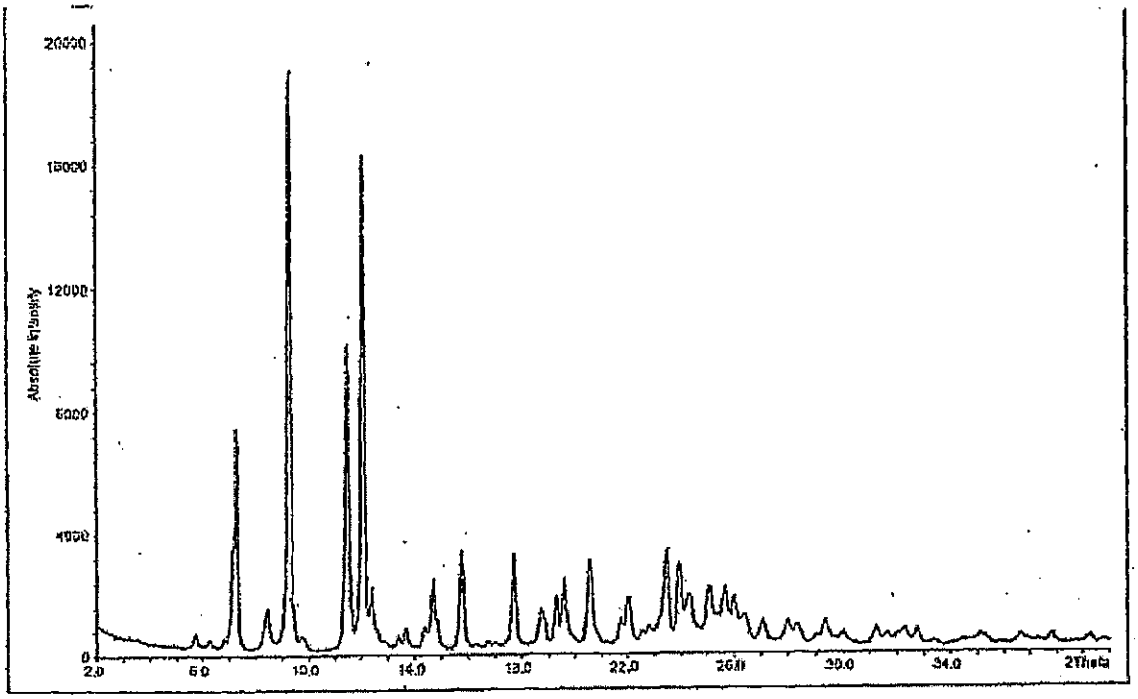

20000
16000
12000
8000
4000
0
Absolute Intensity
2.0
6.0
10.0
14.0
18.0
22.0
26.0
30.0
34.0
2Theta

Figure 20

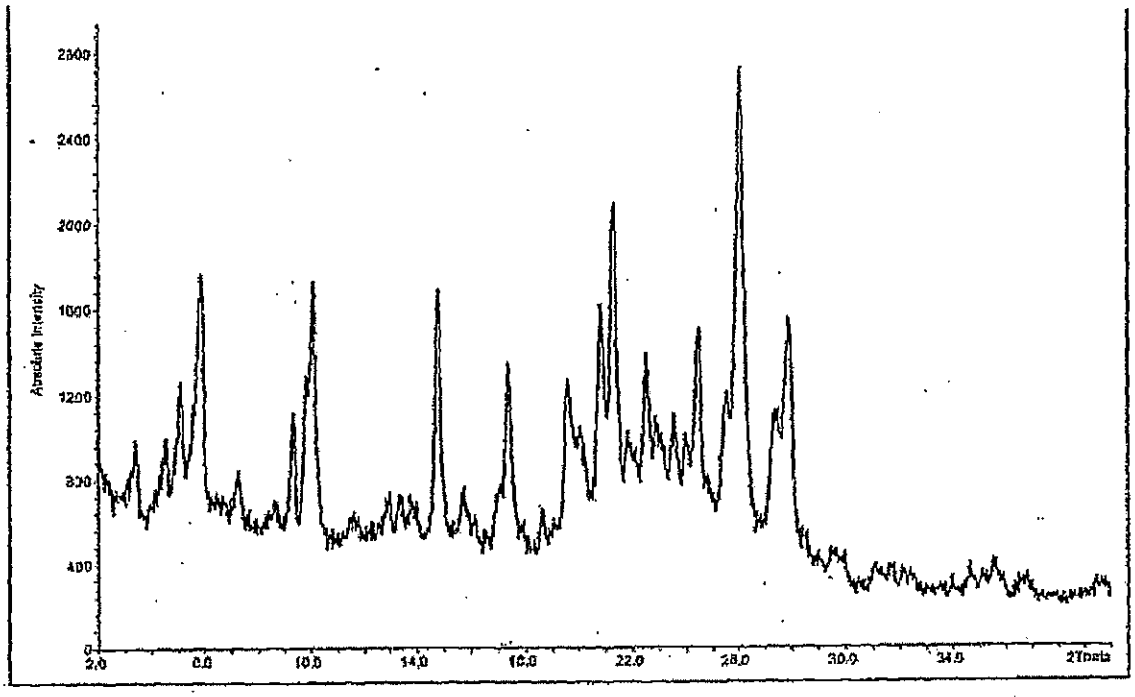

2800
2400
2000
1600
1200
800
400
0
Absolute Intensity
2.0
6.0
10.0
14.0
18.0
22.0
26.0
30.0
34.0
2Theta

Figure 21

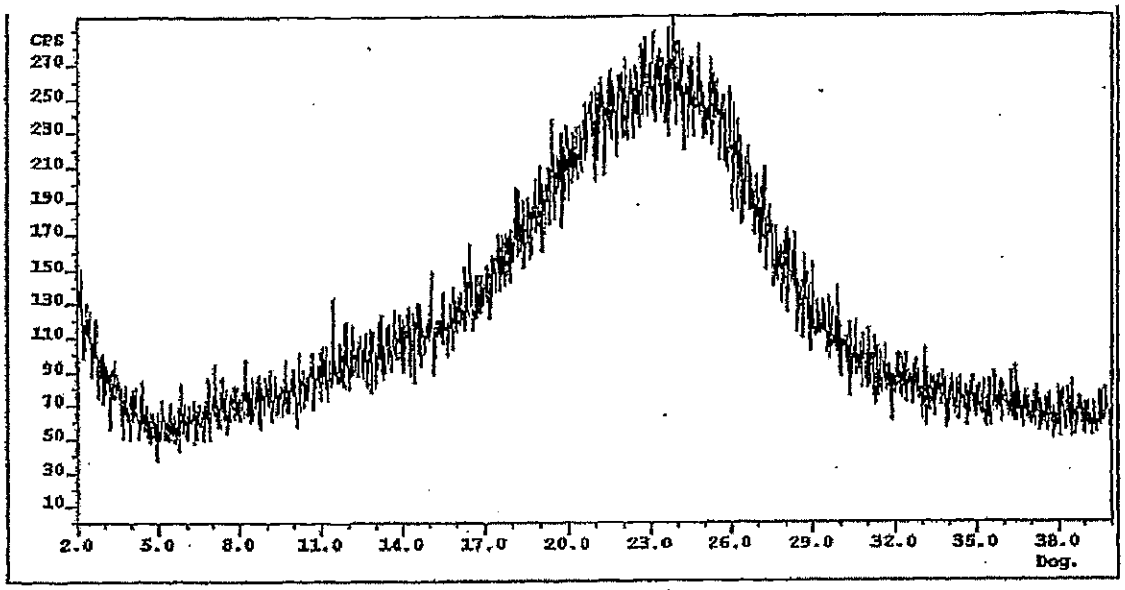

CPS
270
250
230
210
190
170
150
130
110
90
70
50
30
10
2.0
5.0
8.0
11.0
14.0
17.0
20.0
23.0
26.0
29.0
32.0
35.0
38.0
Deg.

Figure 22

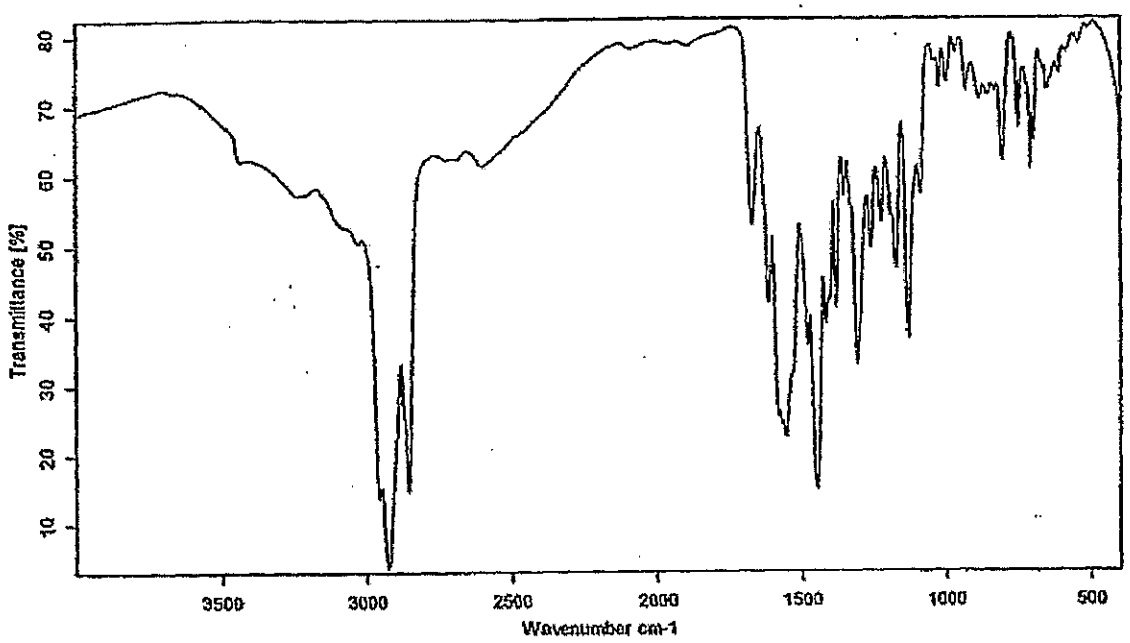

Transmittance [%]
10
20
30
40
50
60
70
80
3500
3000
2500
2000
1500
1000
500
Wavenumber cm-1

Figure 23

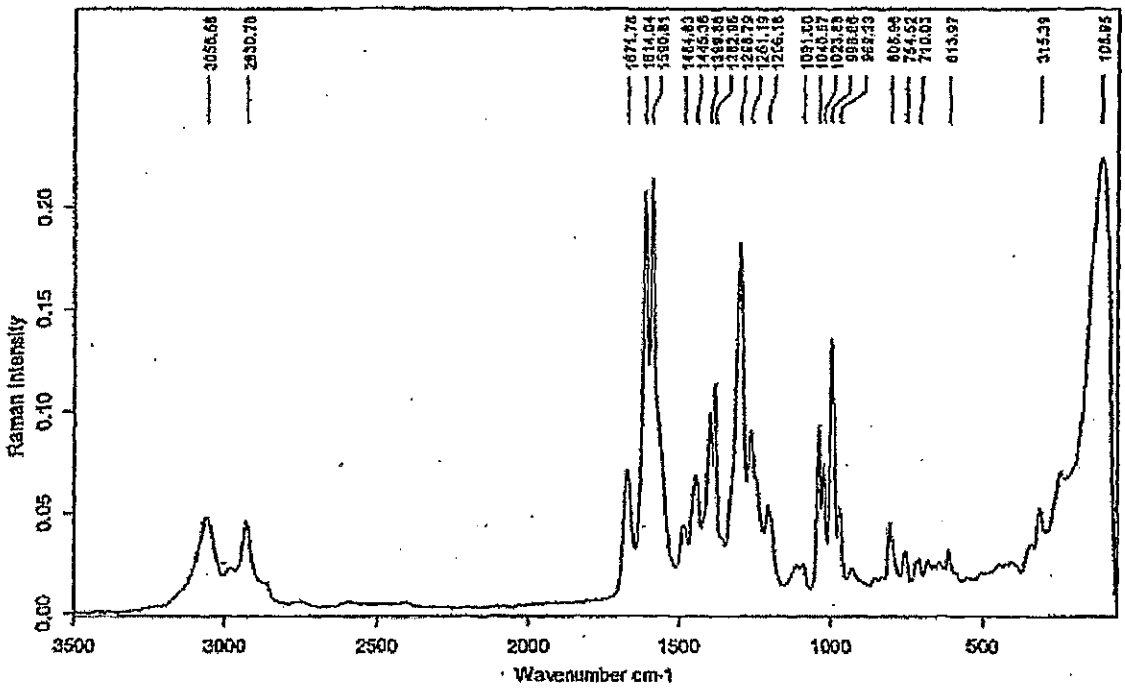

3056.68
2930.70
1671.78
1614.04
1580.81
1464.83
1445.36
1389.88
1382.96
1268.79
1261.19
1256.18
1091.00
1040.57
1023.83
998.48
952.13
805.94
754.52
710.03
613.97
315.39
104.95
Raman Intensity
0.00
0.05
0.10
0.15
0.20
3500
3000
2500
2000
1500
1000
500
Wavenumber cm-1

Figure 24

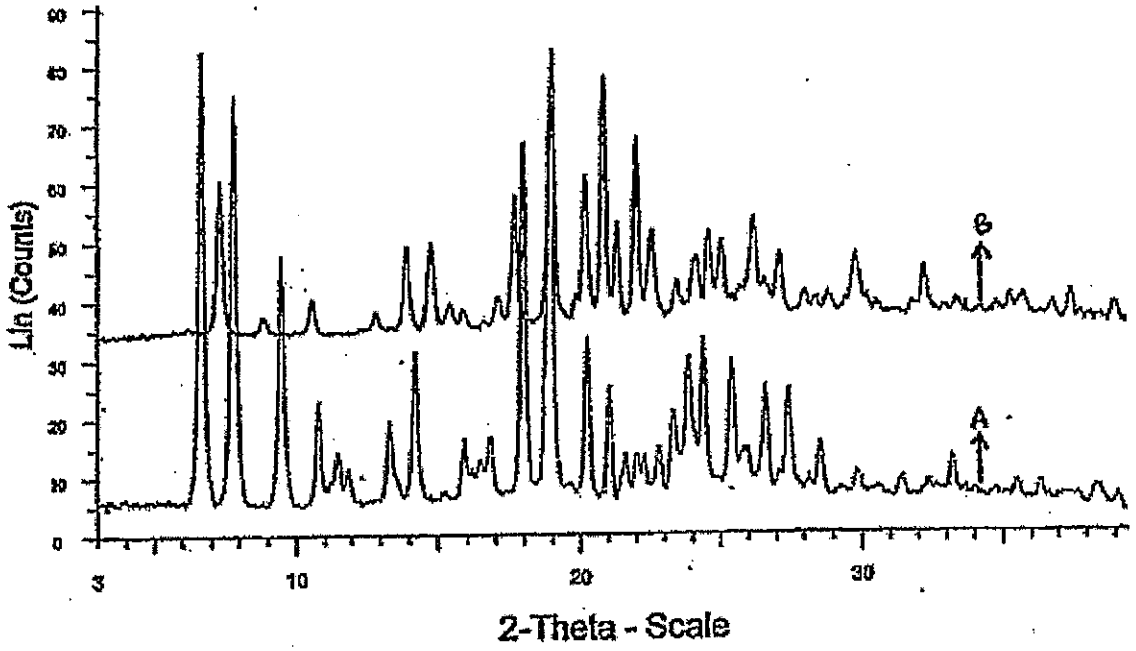


Figure 25