Figure 1

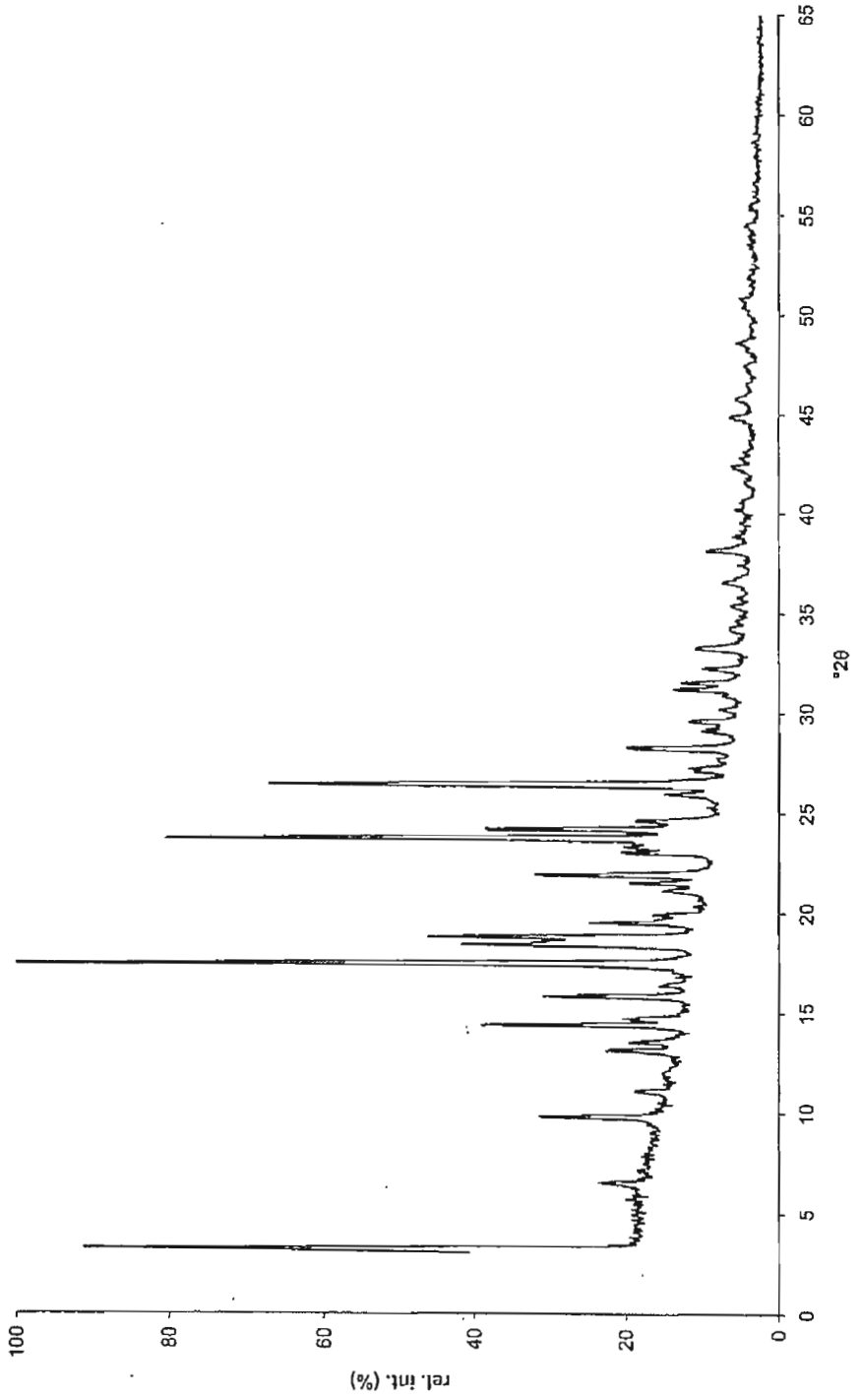


Figure 2

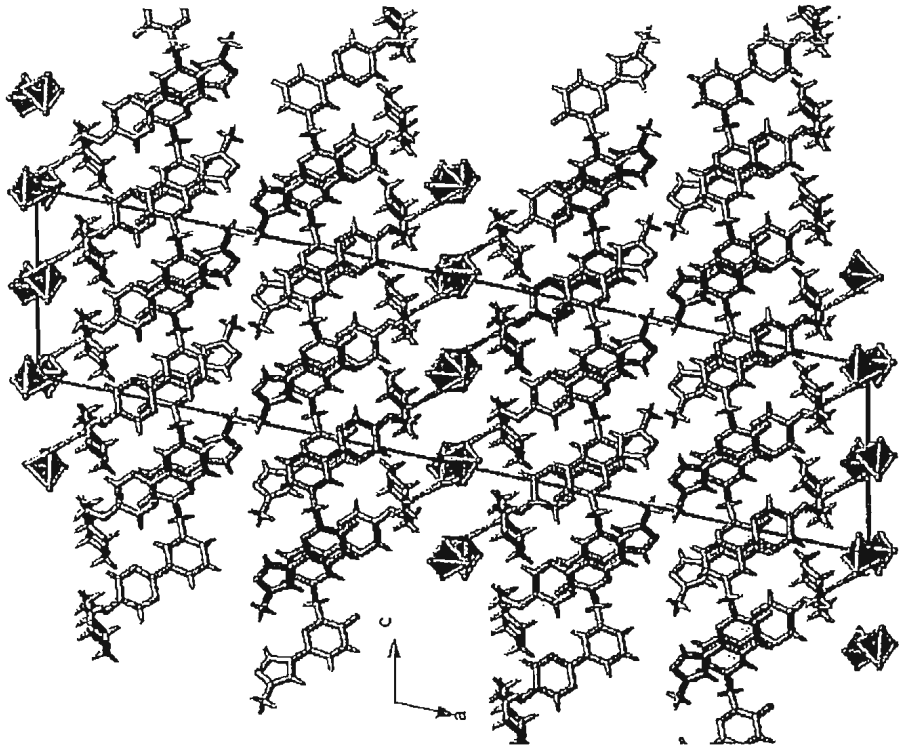


Figure 3

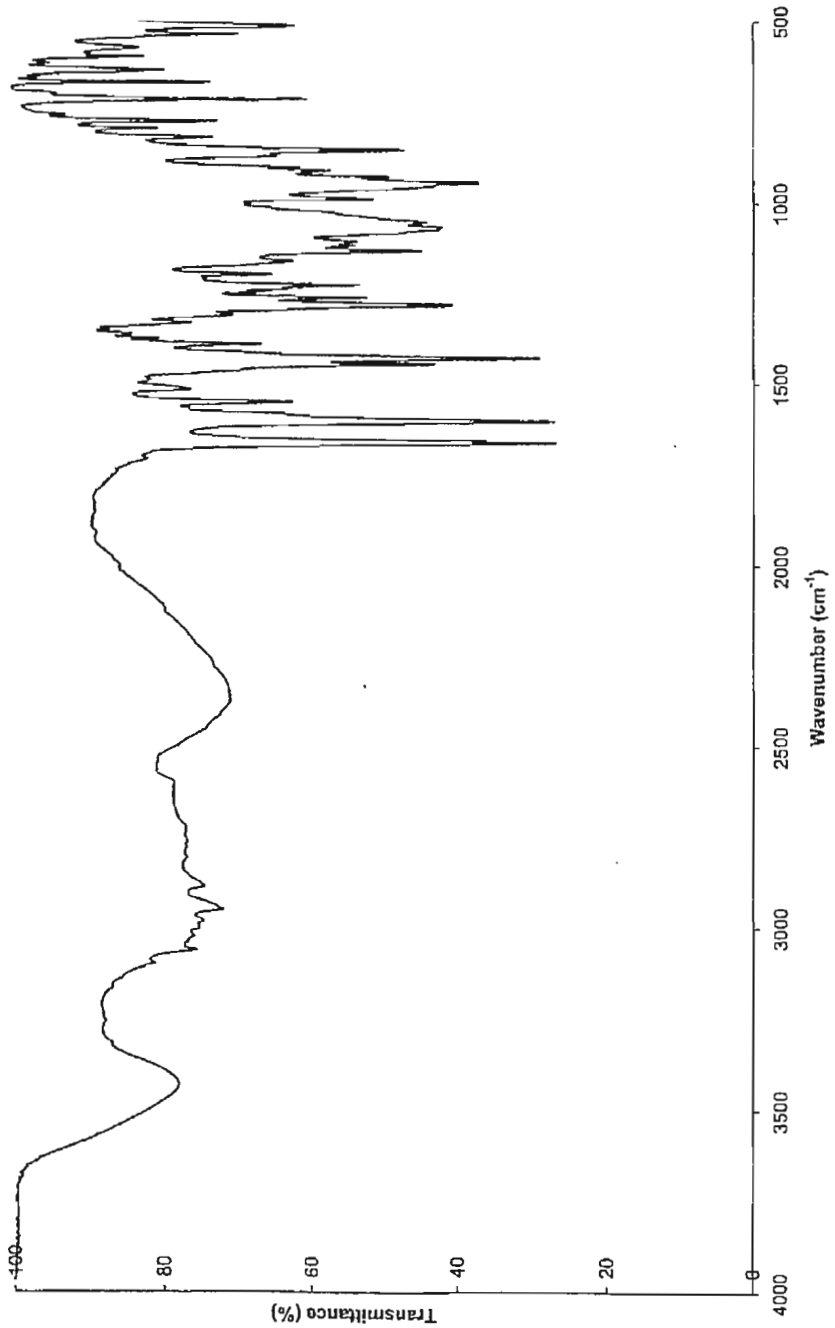

Transmittance (%)
100
80
60
40
20
0
4000
3500
3000
2500
2000
1500
1000
500
Wavenumber (cm-1)

Figure 4

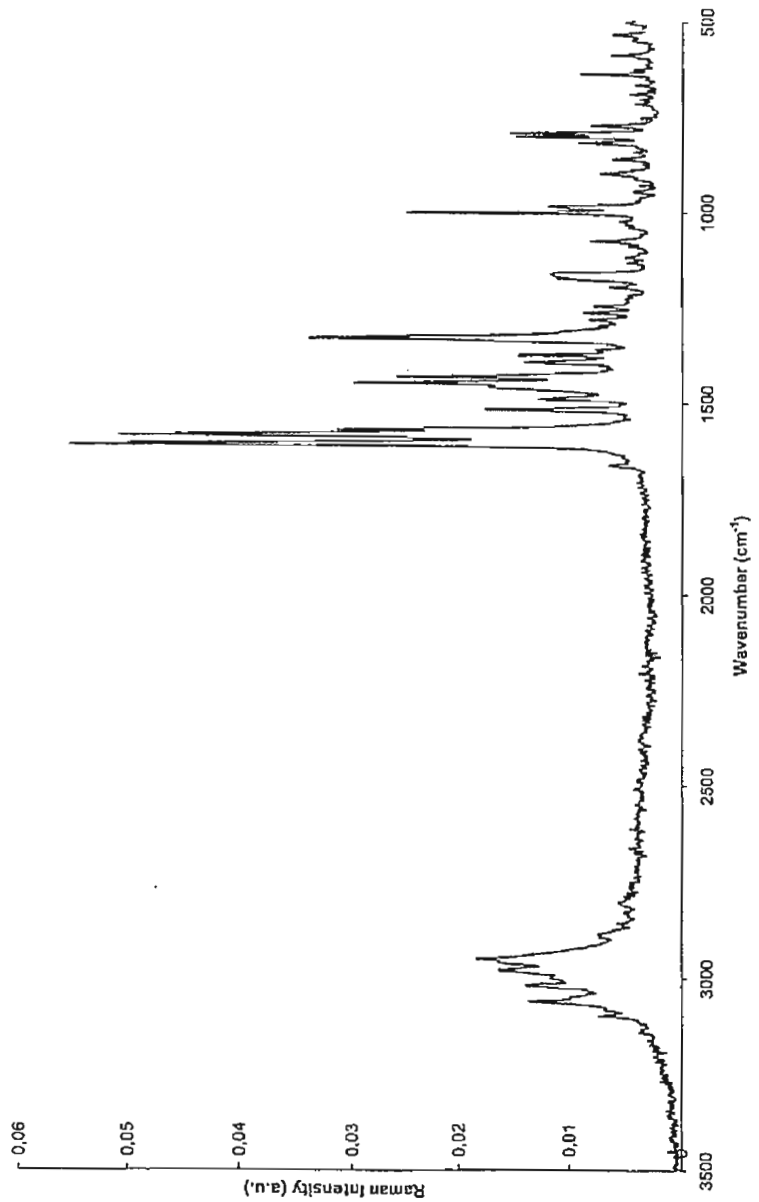

Raman Intensity (a.u.)
0,06
0,05
0,04
0,03
0,02
0,01
3500
3000
2500
2000
1500
1000
500
Wavenumber (cm-1)

Figure 5

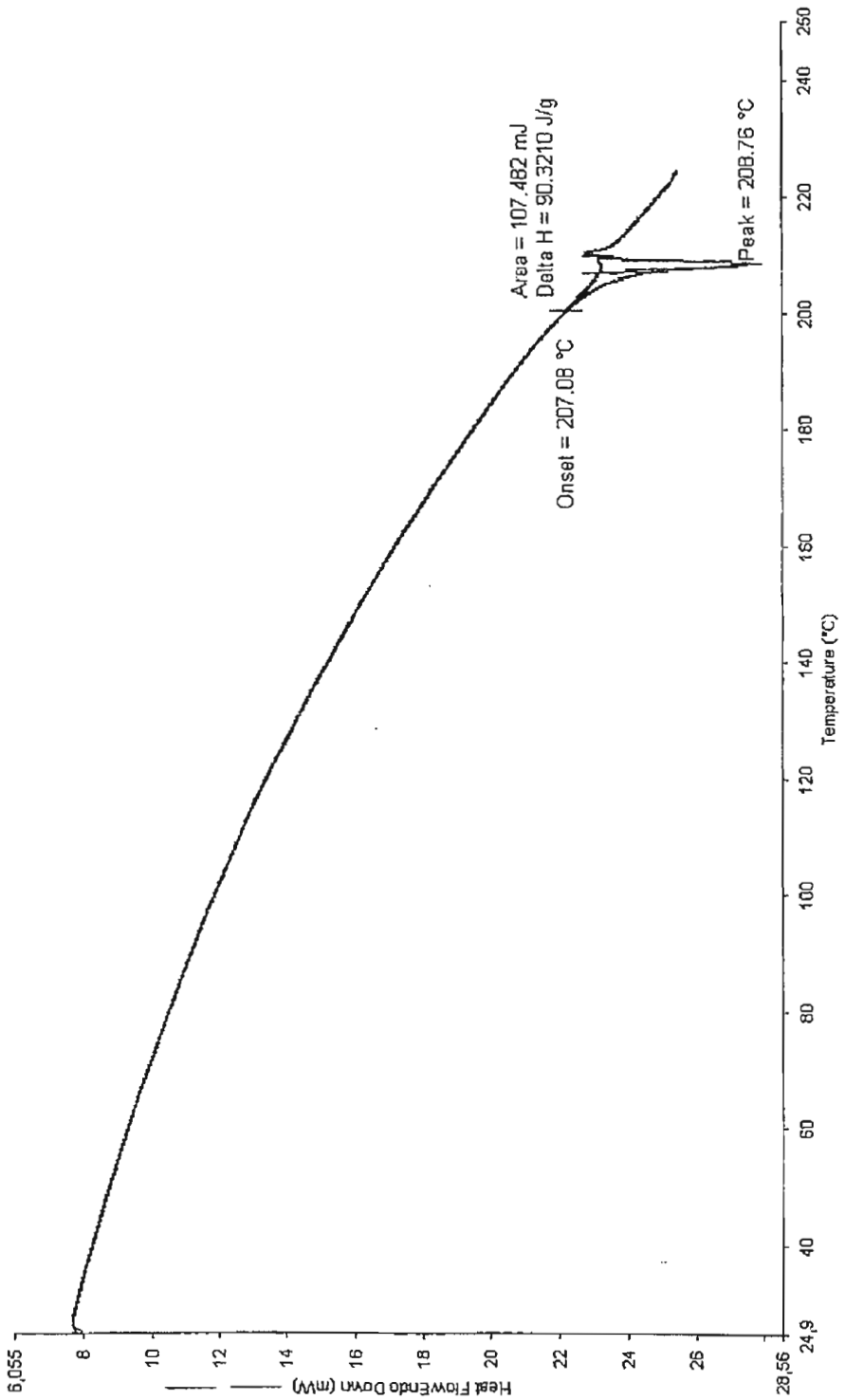

Area = 107.482 mJ
Delta H = 90.3210 J/g
Onset = 207.08 °C
Peak = 208.76 °C
Heat Flow Endo Down (mW)
Temperature (°C)
6,055
28,56
24,9
8
10
12
14
16
18
20
22
24
26
40
60
80
100
120
140
160
180
200
220
240
250

Figure 6

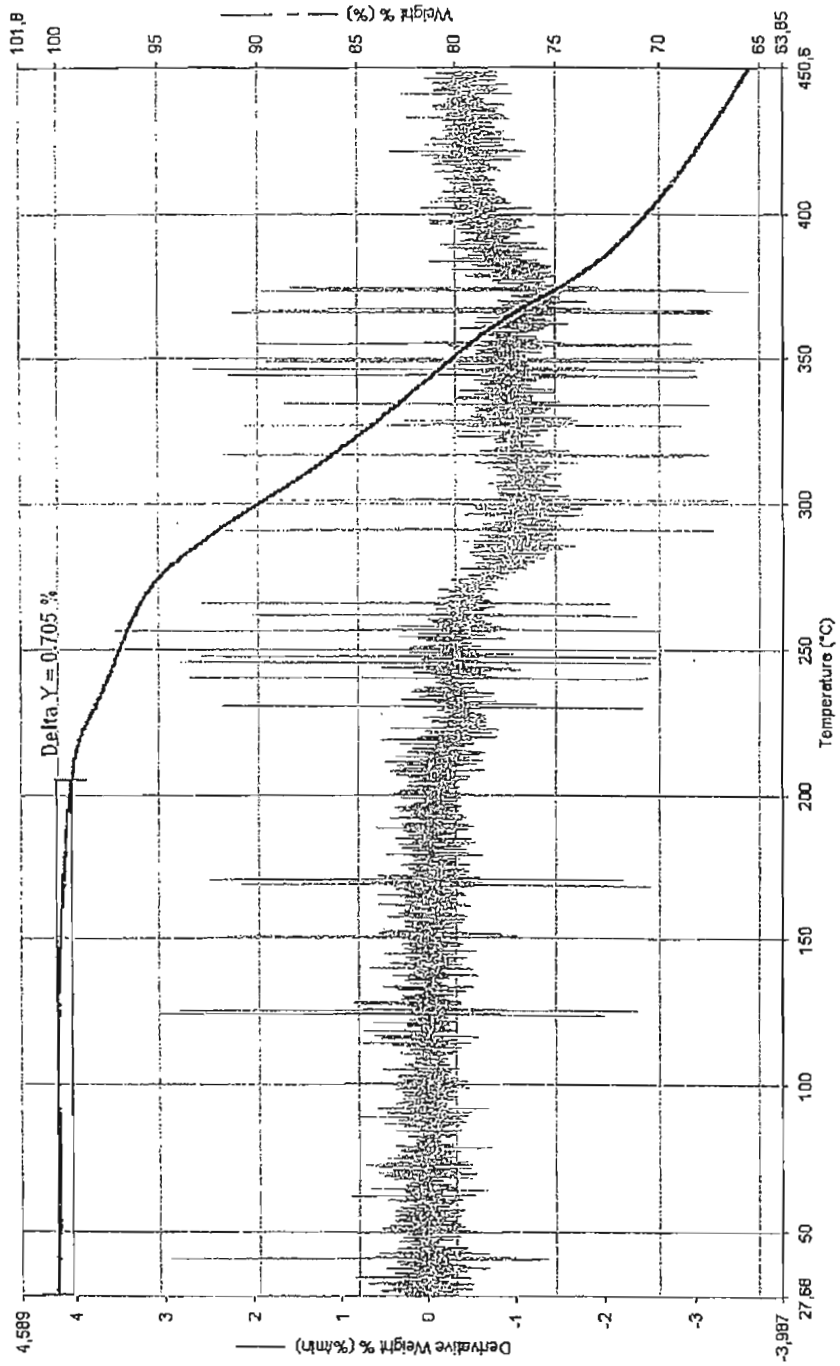

Weight % (%)
Derivative Weight % (%/min)
Temperature (°C)
Delta Y = 0,705 %
101,8
100
95
90
85
80
75
70
65
53,85
450,6
400
350
300
250
200
150
100
50
27,68
4,589
4
3
2
1
0
-1
-2
-3
-3,987

Figure 7

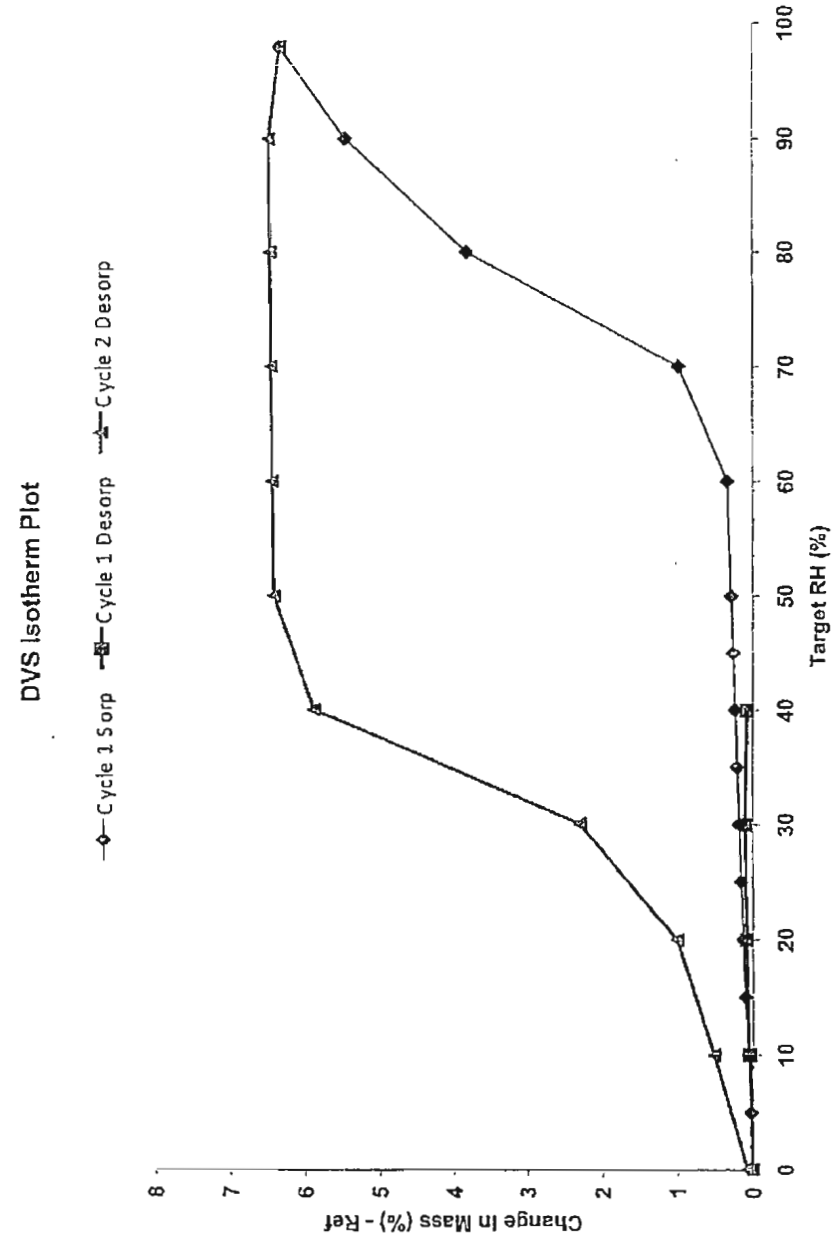

DVS Isotherm Plot
Cycle 1 Sorp
Cycle 1 Desorp
Cycle 2 Desorp
Change In Mass (%) - Ref
Target RH (%)
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
80
90
100

Figure 8

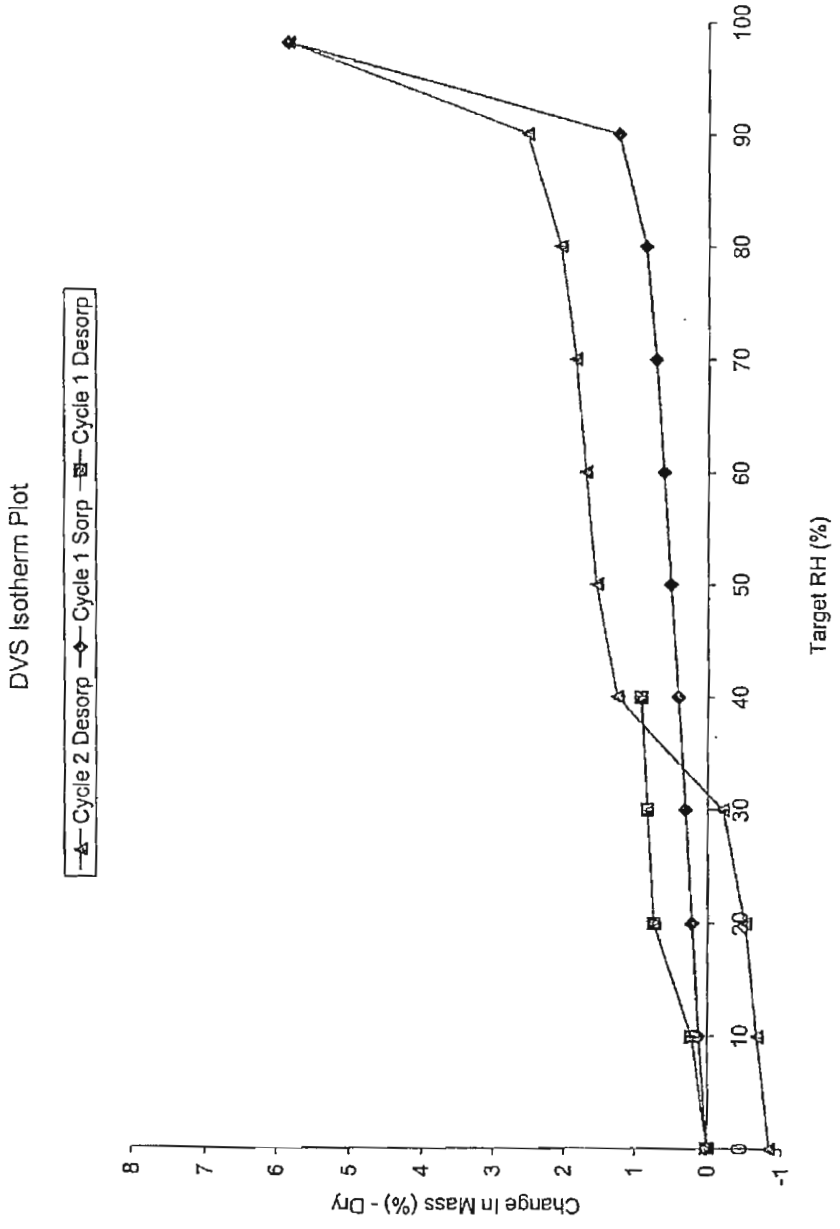
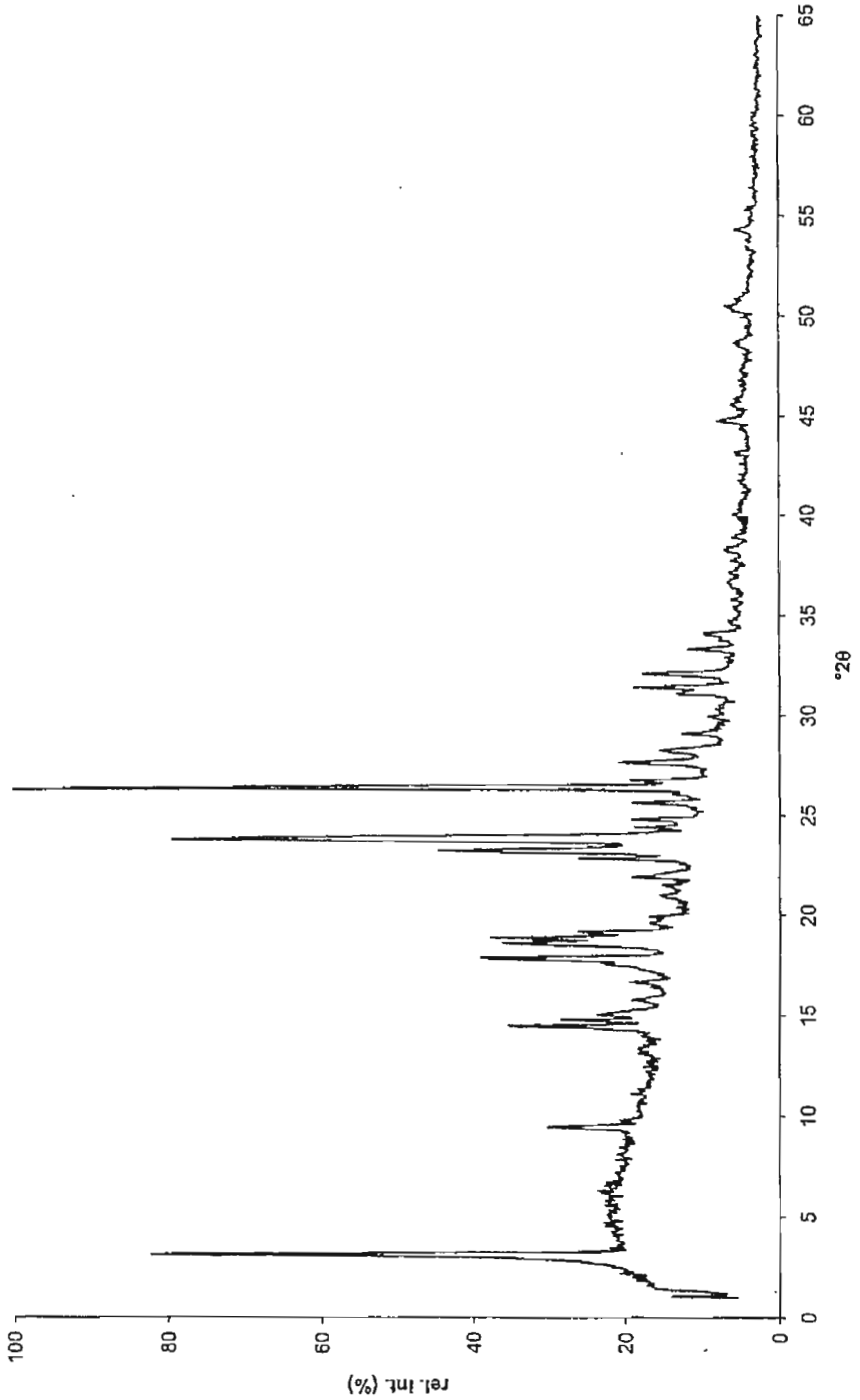

DVS Isotherm Plot
Cycle 2 Desorp
Cycle 1 Sorp
Cycle 1 Desorp
Change In Mass (%) - Dry
Target RH (%)
-1
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
80
90
100

Figure 9



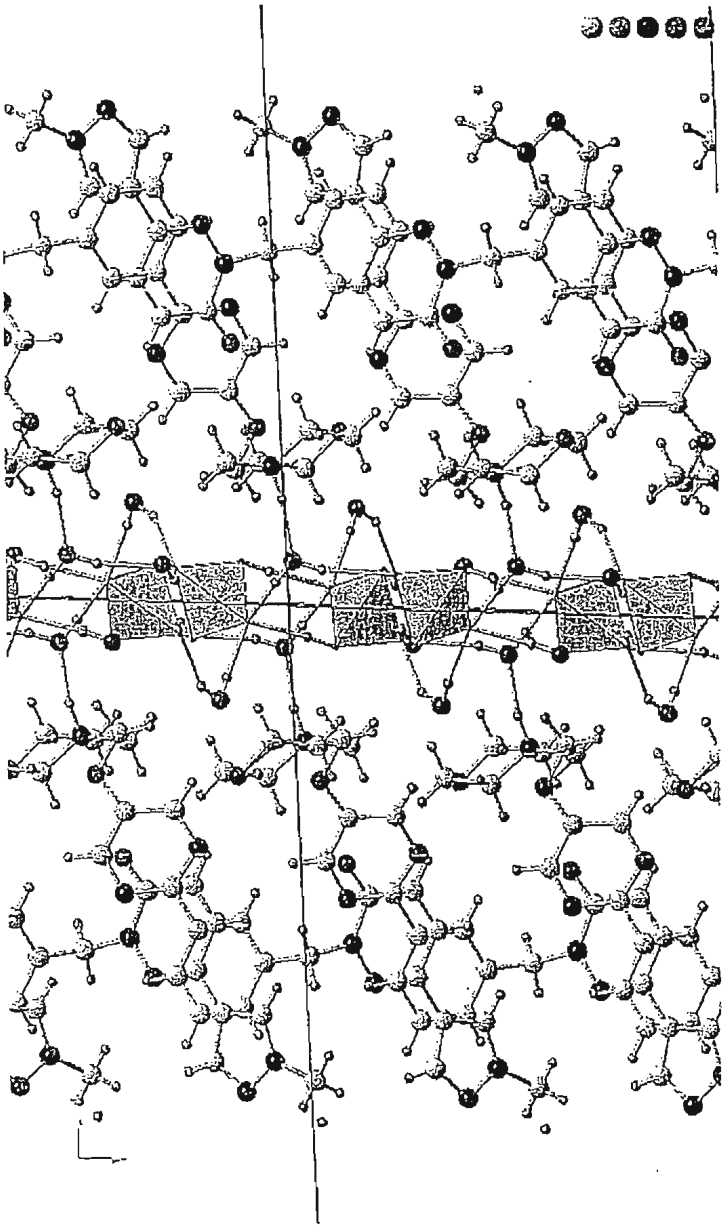


Figure 10

Figure 11

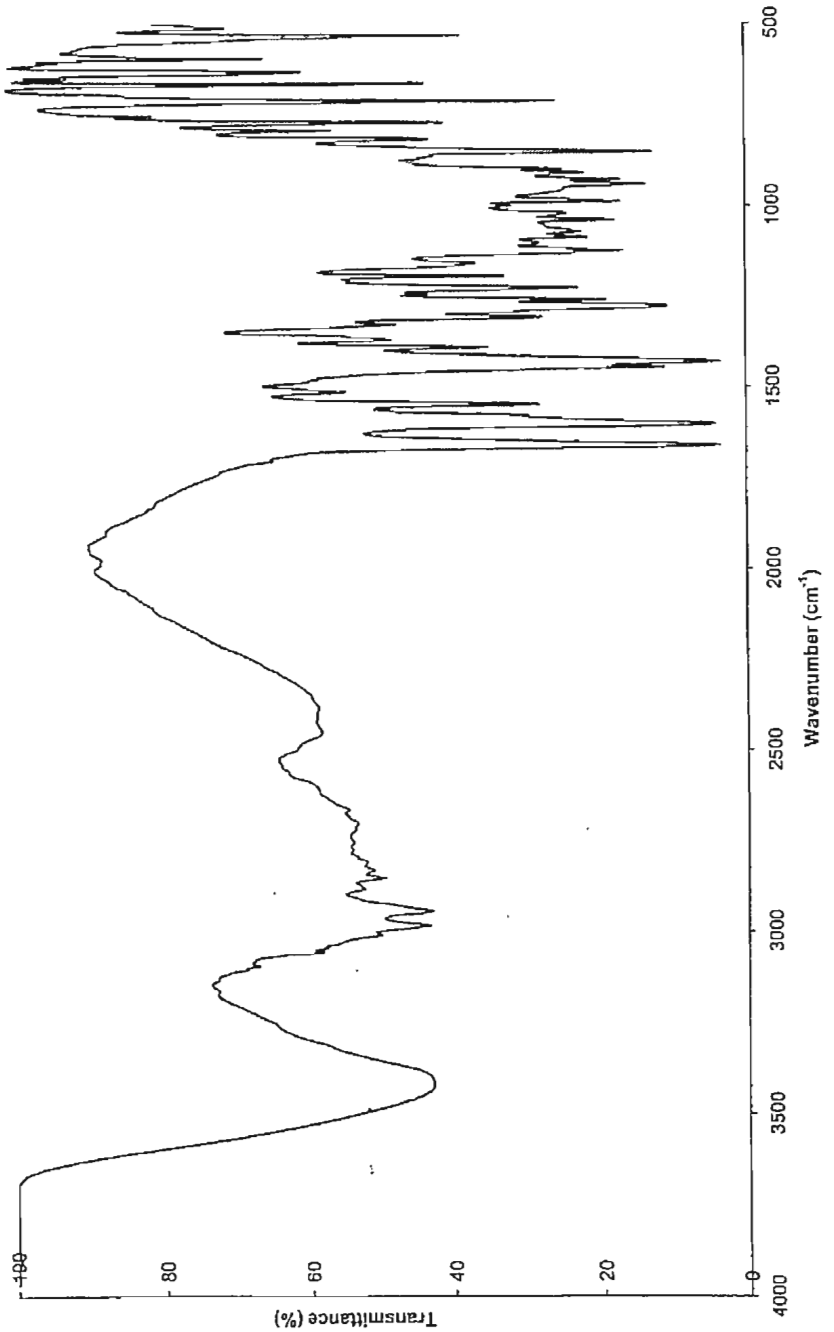

Transmittance (%)
100
80
60
40
20
0
4000
3500
3000
2500
2000
1500
1000
500
Wavenumber (cm-1)

Figure 12

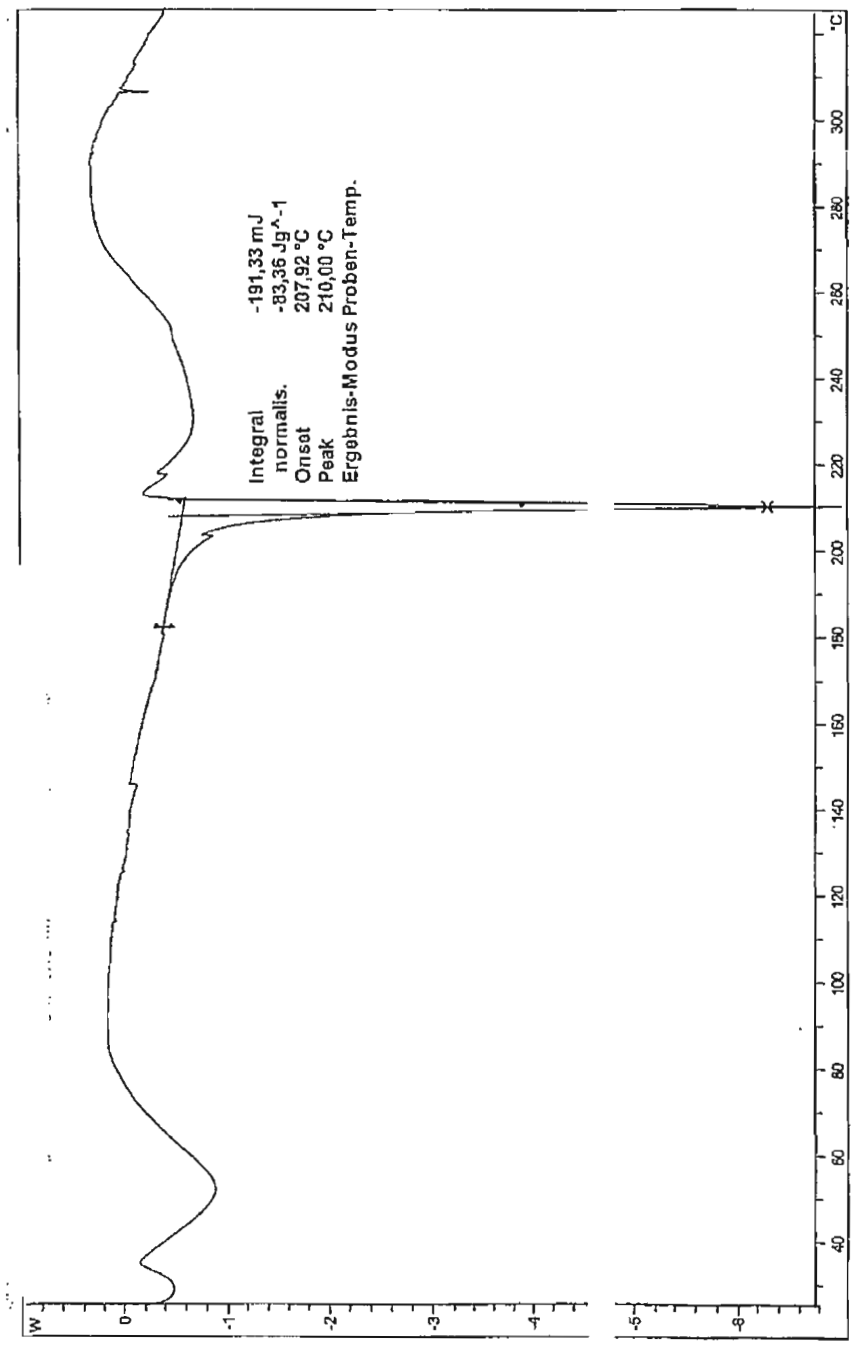

Integral -191,33 mJ
normalis. -83,36 Jg^-1
Onset 207,92 °C
Peak 210,00 °C
Ergebnis-Modus Proben-Temp.
W
°C

Figure 13

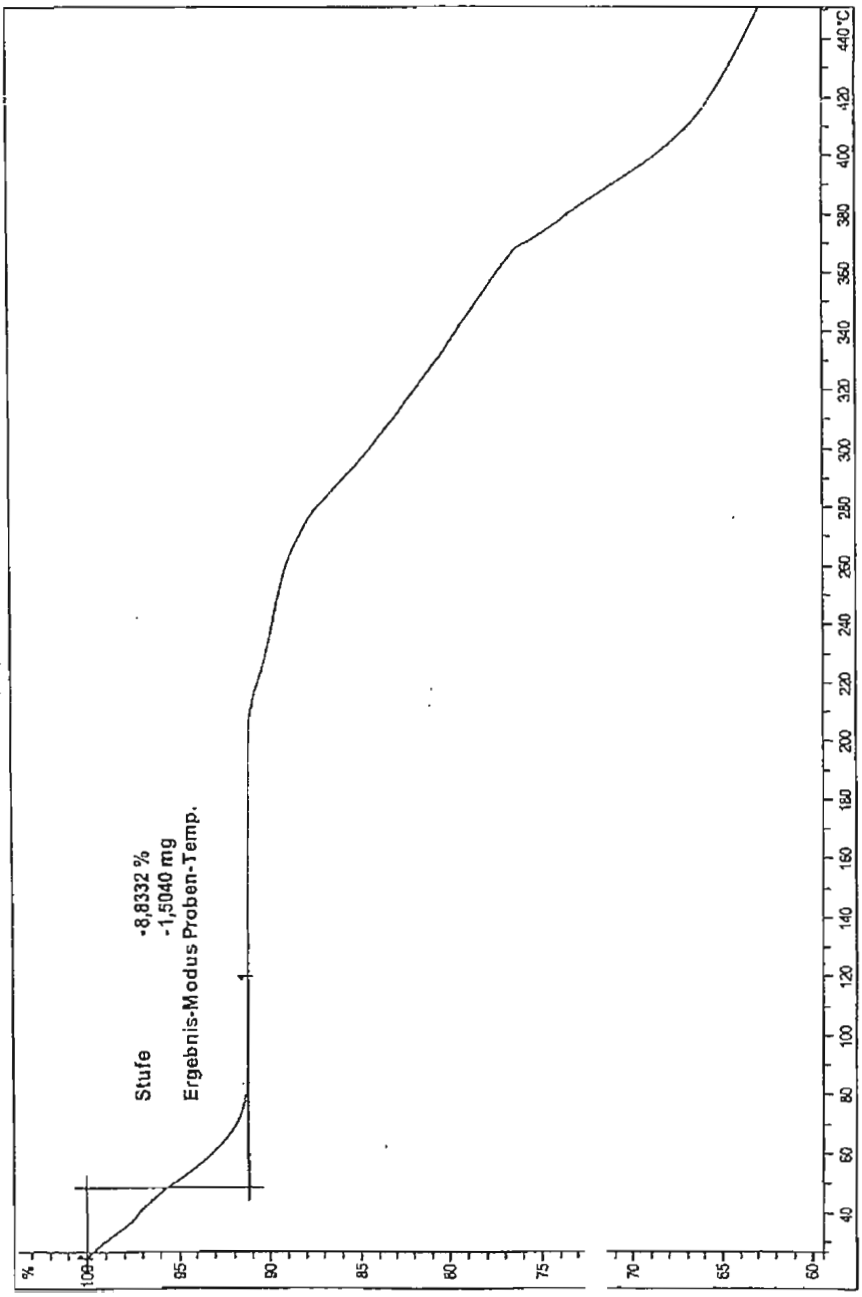


Figure 14

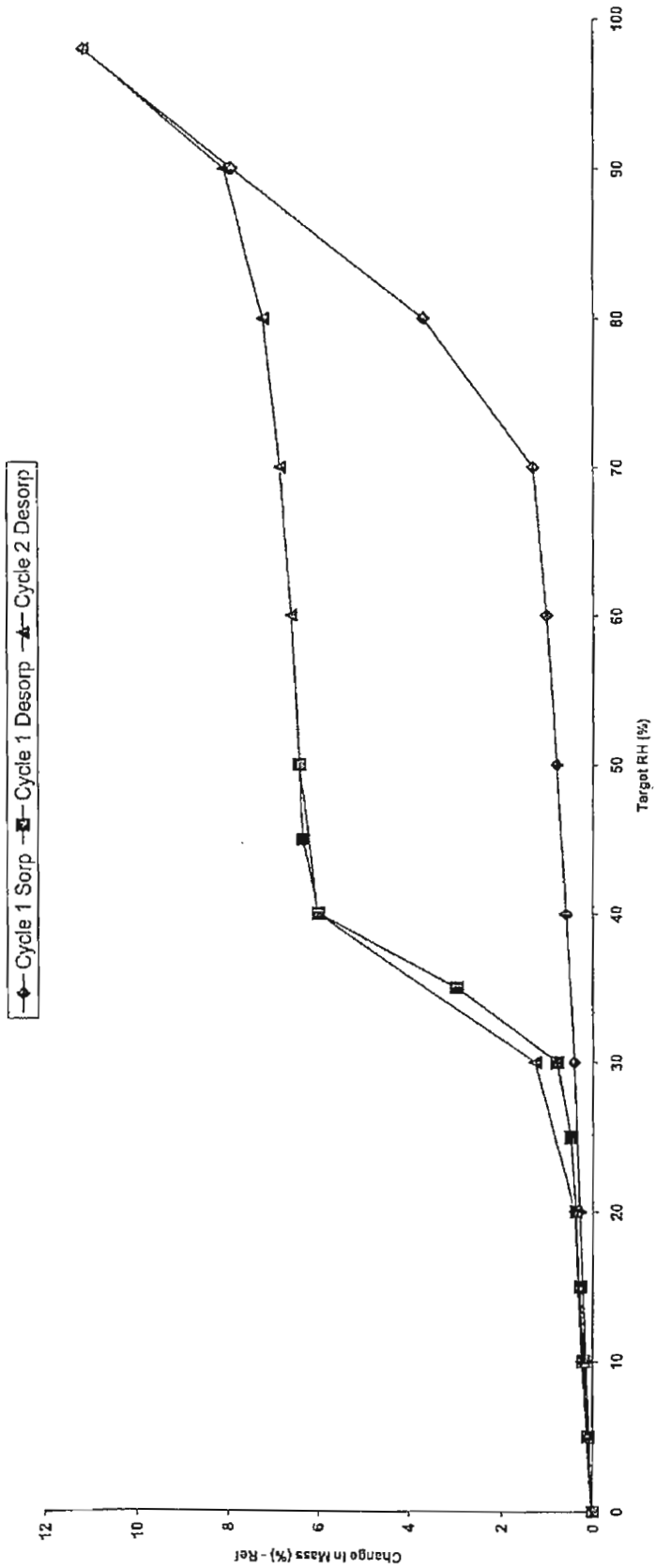
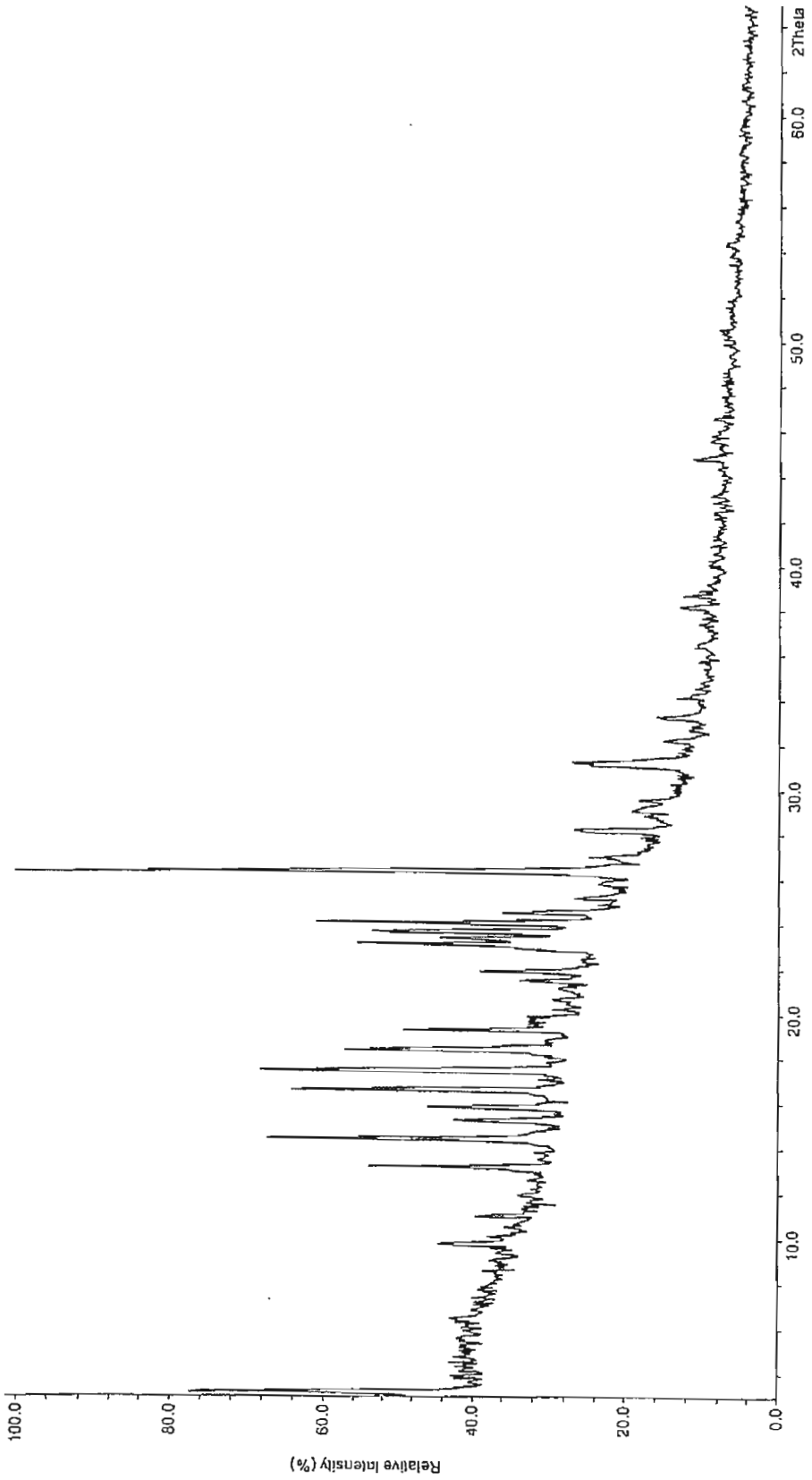

DVS Isotherm Plot
Cycle 1 Sorp
Cycle 1 Desorp
Cycle 2 Desorp
Change In Mass (%) - Ref
Target RH (%)
0
2
4
6
8
10
12
0
10
20
30
40
50
60
70
80
90
100

Figure 15


Relative Intensity (%)
100.0
80.0
60.0
40.0
20.0
0.0
10.0
20.0
30.0
40.0
50.0
60.0
2Theta

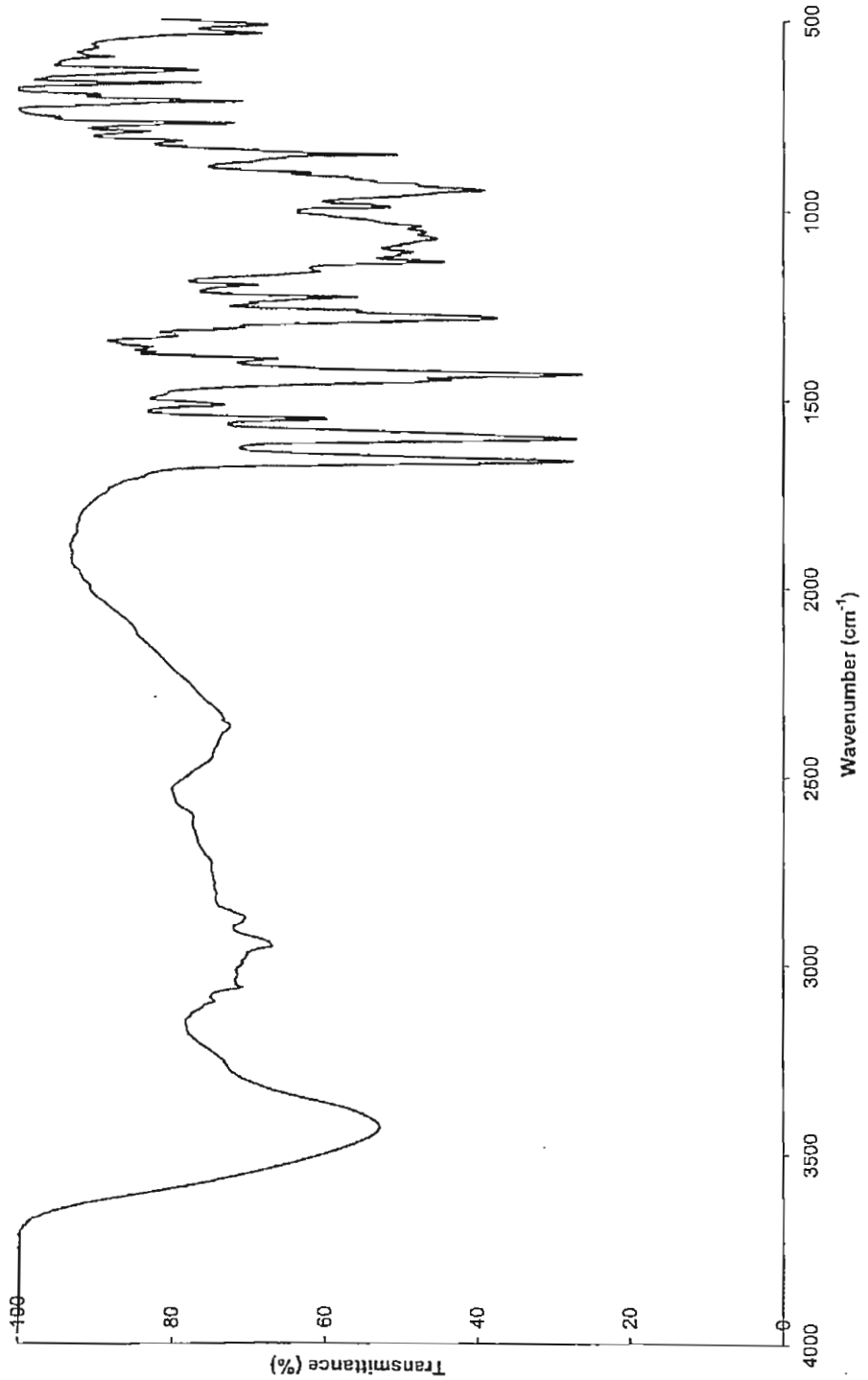

Transmittance (%)
100
80
60
40
20
0
4000
3500
3000
2500
2000
1500
1000
500
Wavenumber (cm-1)

Figure 16

Figure 17

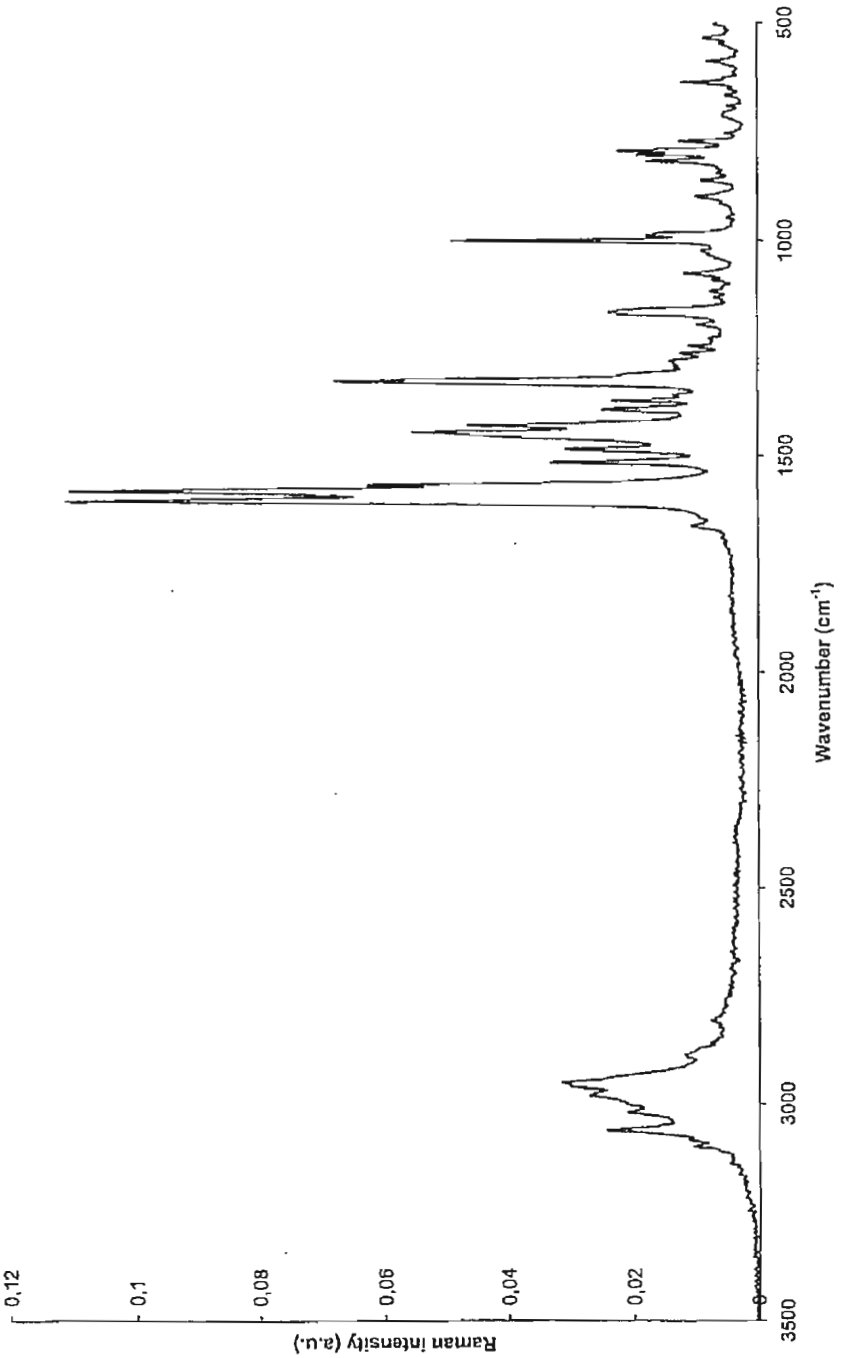

Raman Intensity (a.u.)
0,12
0,1
0,08
0,06
0,04
0,02
0
3500
3000
2500
2000
1500
1000
500
Wavenumber (cm-1)

Figure 18

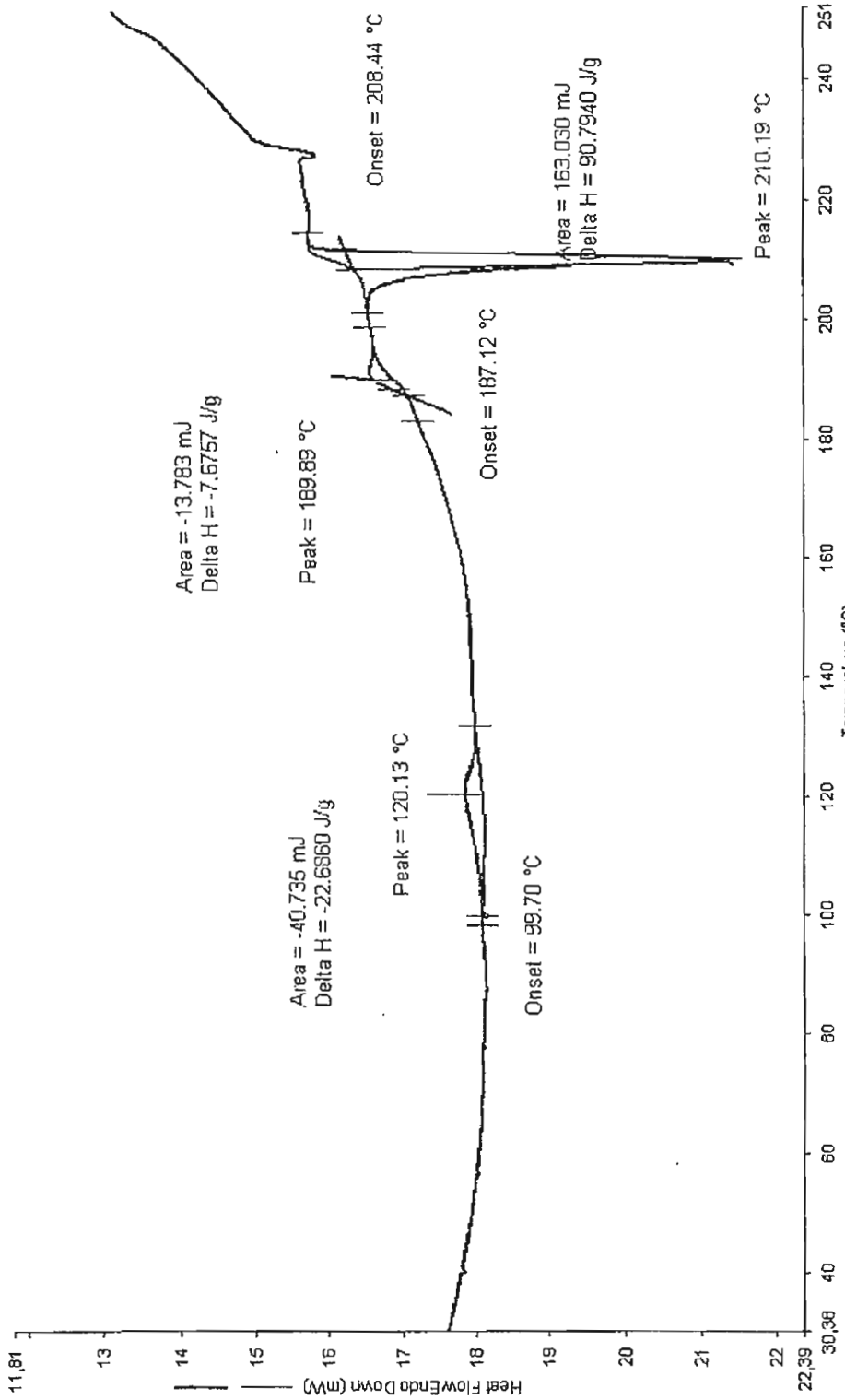

Area = -13.783 mJ
Delta H = -7.6757 J/g
Peak = 189.89 °C
Onset = 208.44 °C
Area = 163.030 mJ
Delta H = 90.7940 J/g
Peak = 210.19 °C
Onset = 187.12 °C
Area = -40.735 mJ
Delta H = -22.6860 J/g
Peak = 120.13 °C
Onset = 99.70 °C
Heat FlowEndo Down (mW)
Temperature (°C)

Figure 19

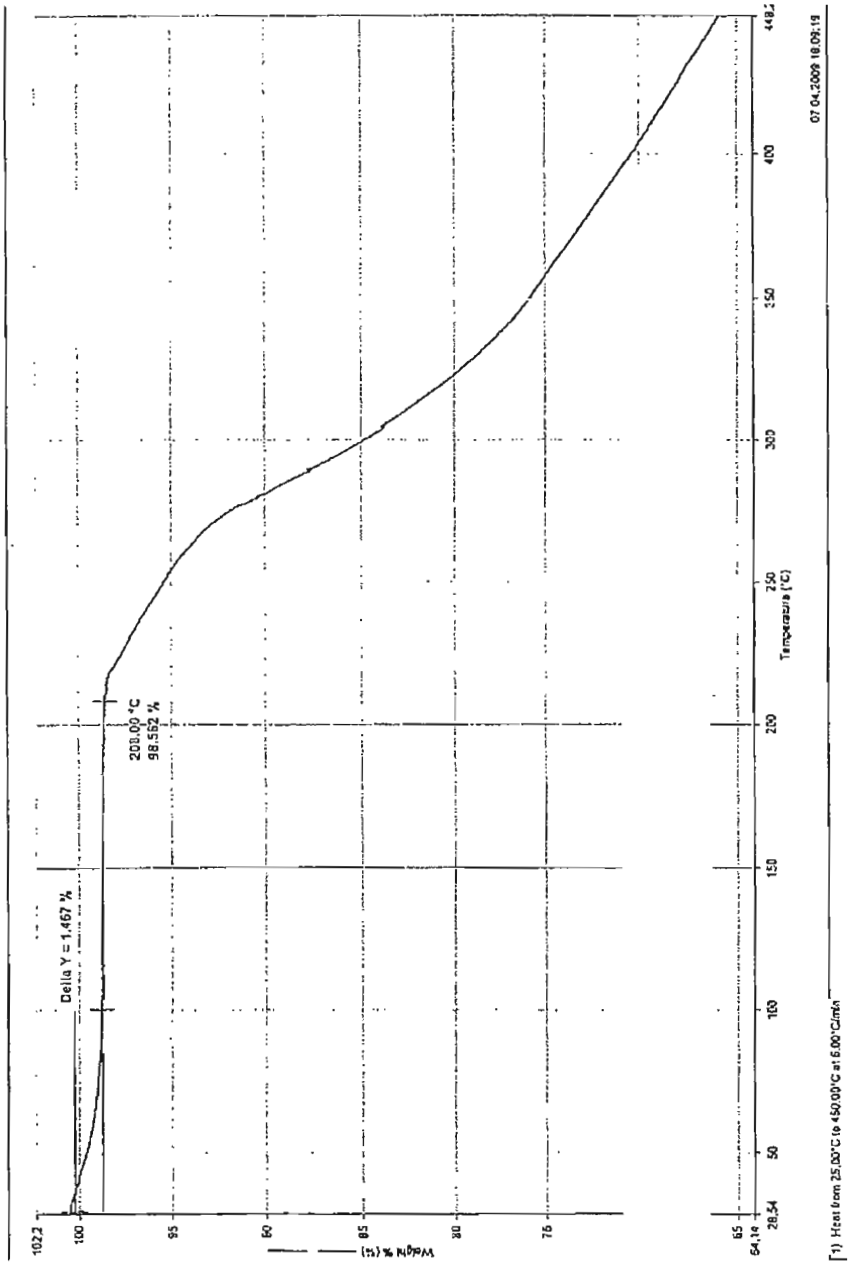

Delta Y = 1.467 %
208.00 °C
98.562 %
Weight % (%)
Temperature (°C)
07.04.2009 18:09:19

Figure 20

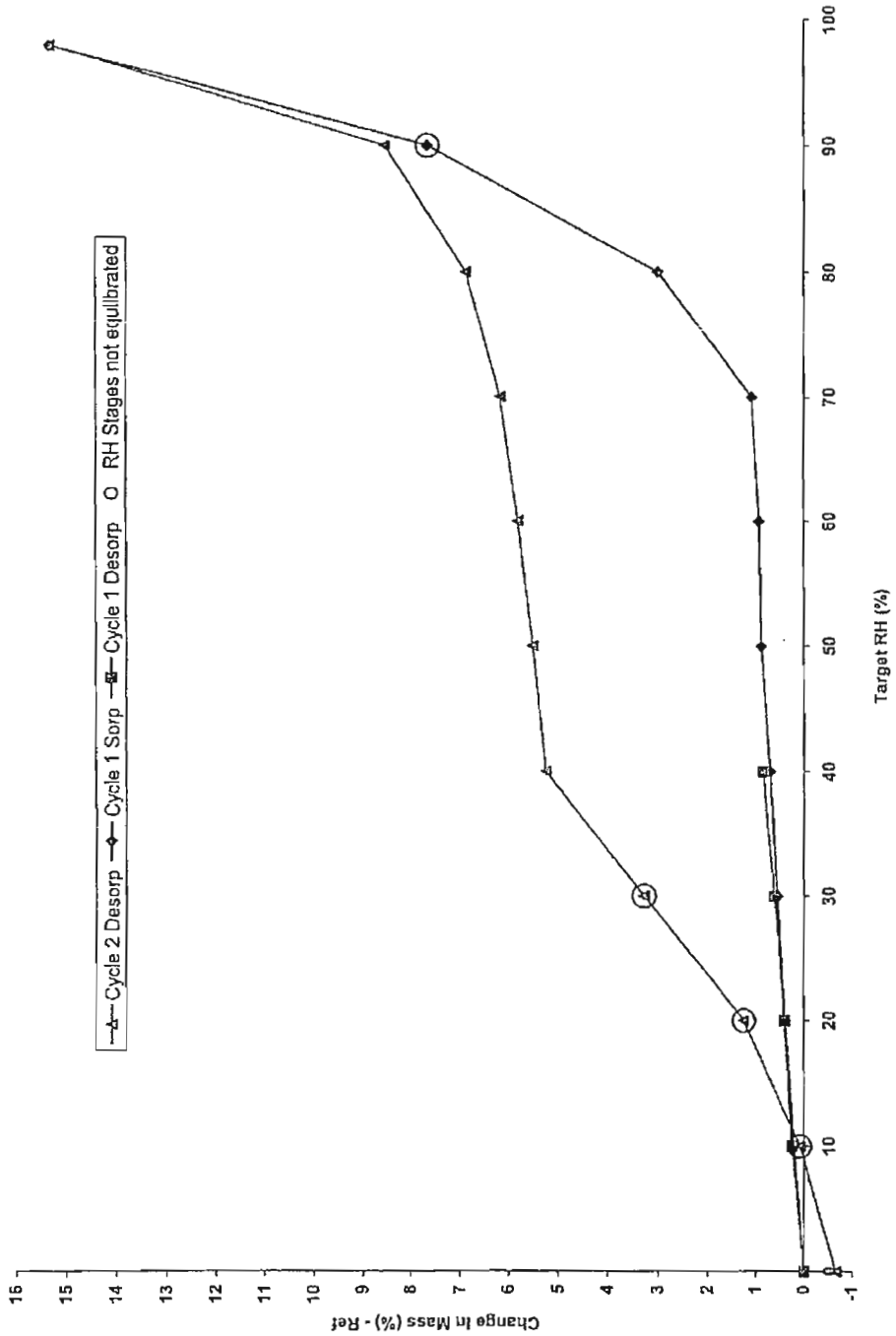

Cycle 2 Desorp
Cycle 1 Sorp
Cycle 1 Desorp
RH Stages not equilbrated
Change in Mass (%) - Ref
Target RH (%)
16
15
14
13
12
11
10
9
8
7
6
5
4
3
2
1
0
-1
100
90
80
70
60
50
40
30
20
10
0

Figure 21

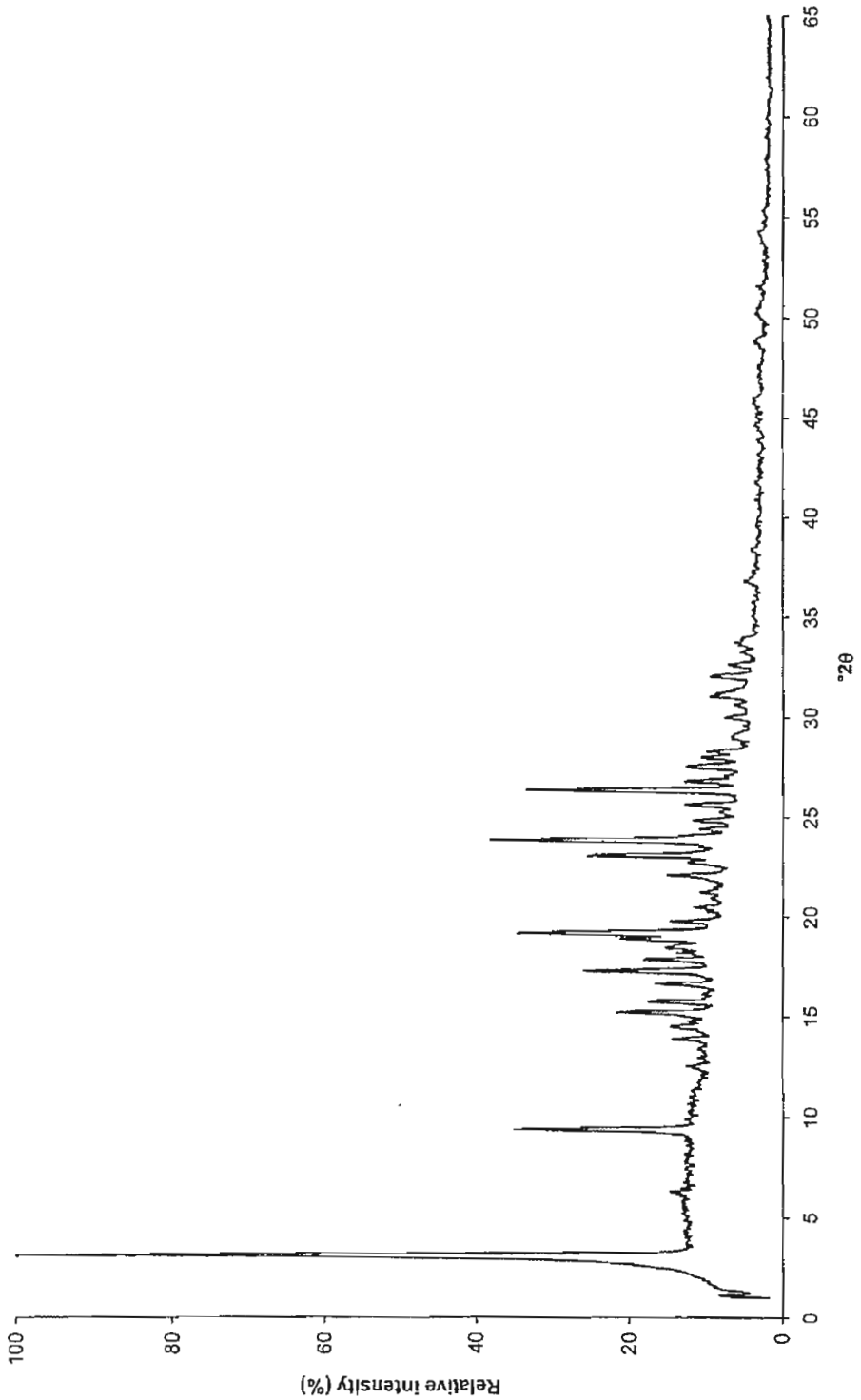

Relative intensity (%)
100
80
60
40
20
0
0
5
10
15
20
25
30
35
40
45
50
55
60
65
°2θ

Figure 22

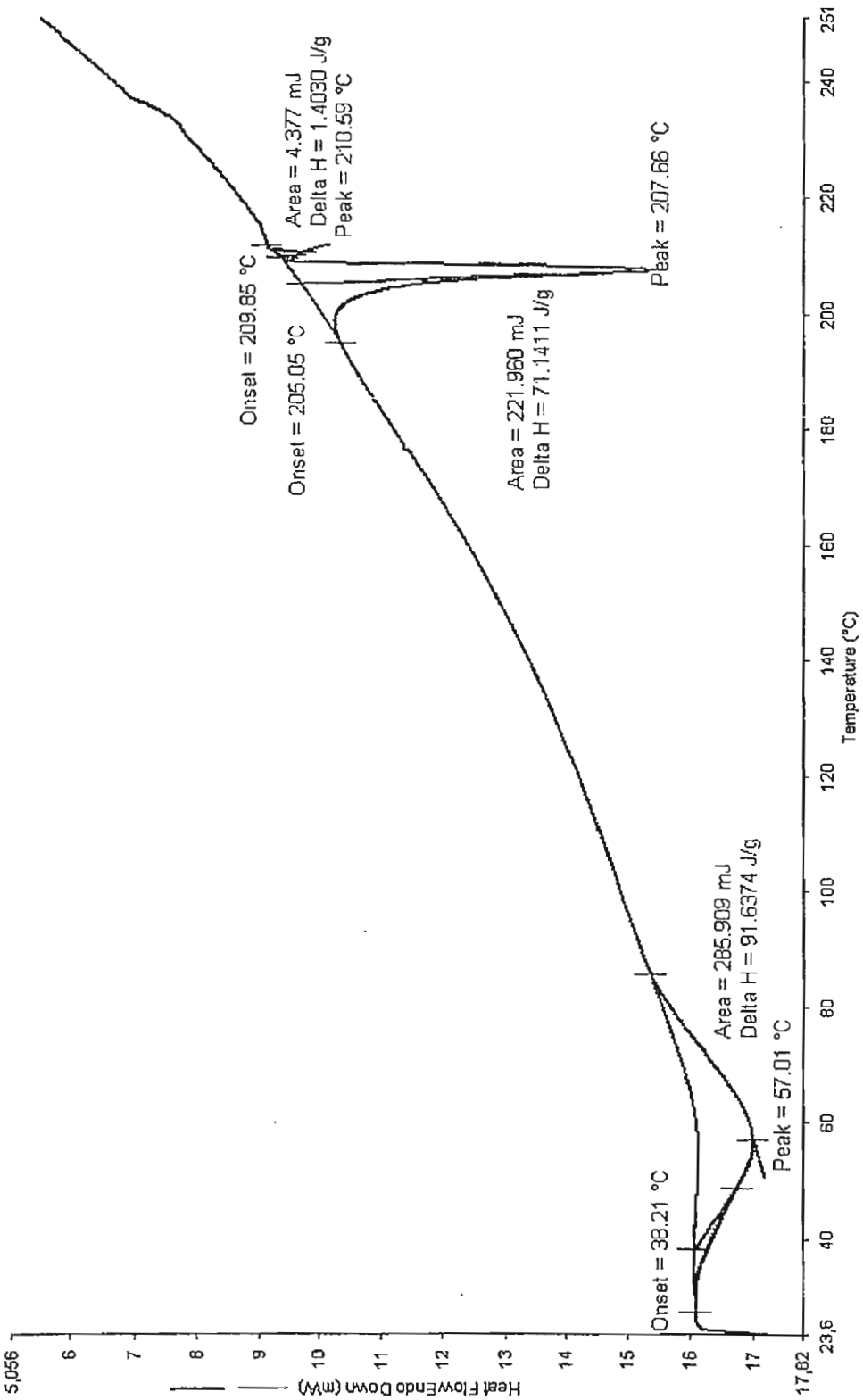

Onset = 209.85 °C
Onset = 205.05 °C
Area = 4.377 mJ
Delta H = 1.4030 J/g
Peak = 210.59 °C
Peak = 207.66 °C
Area = 221.960 mJ
Delta H = 71.1411 J/g
Onset = 38.21 °C
Area = 285.909 mJ
Delta H = 91.6374 J/g
Peak = 57.01 °C
Heat FlowEndo Down (mW)
Temperature (°C)
5,056
17,82
23,6

Figure 23

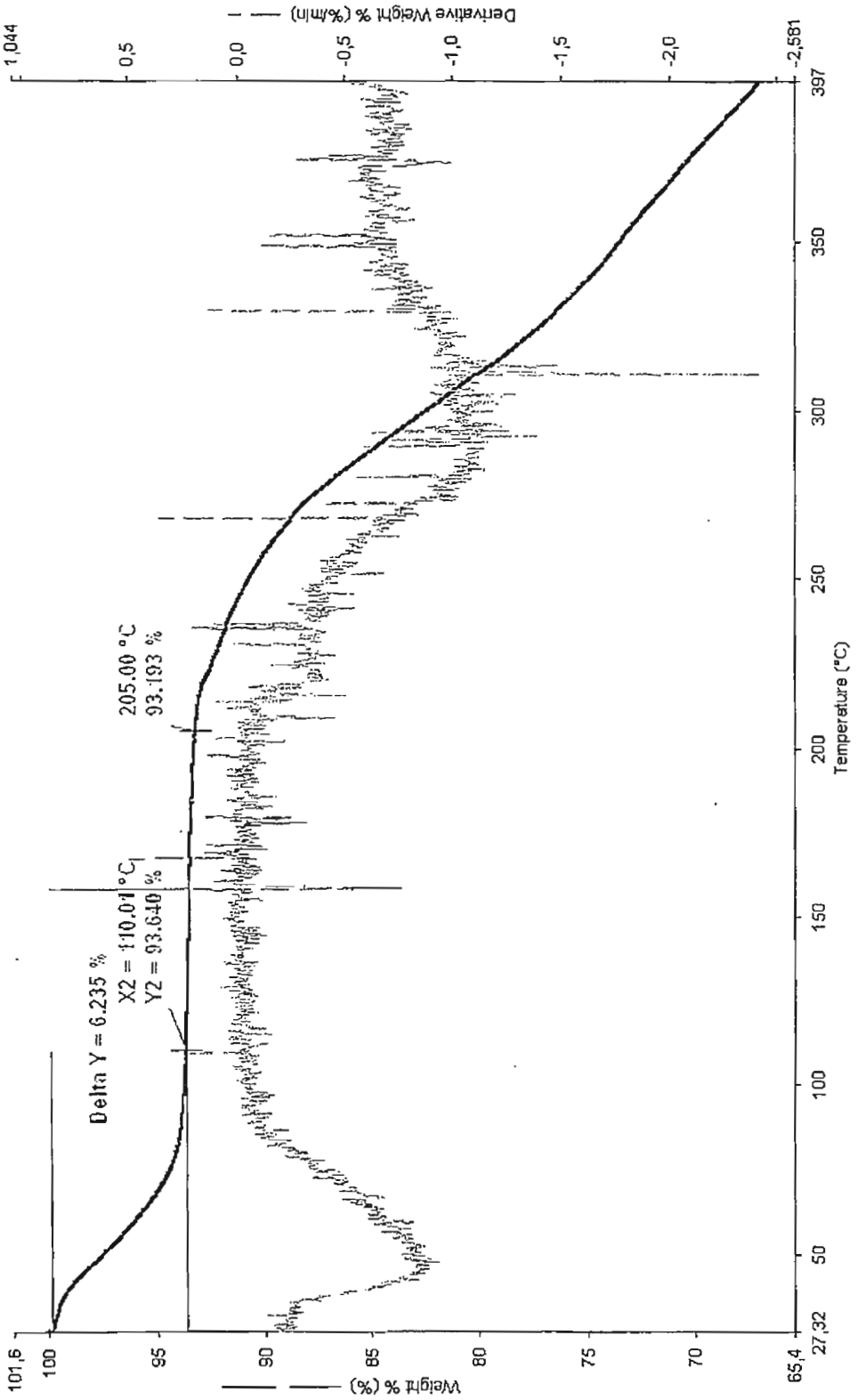
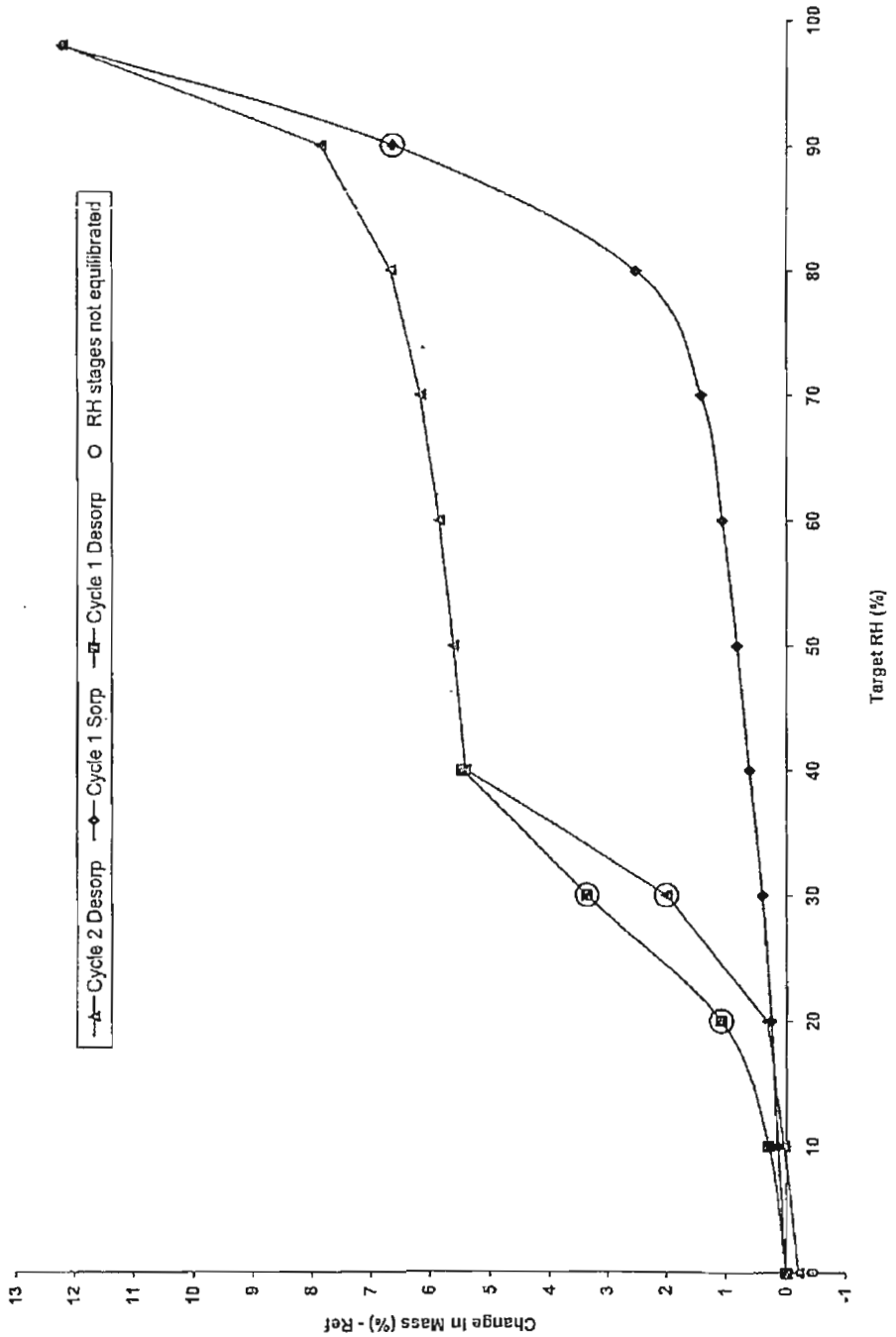

Delta Y = 6.235 %
X2 = 110.01 °C
Y2 = 93.640 %
205.00 °C
93.193 %
Weight % (%)
Derivative Weight % (%/min)
Temperature (°C)
101,6
100
95
90
85
80
75
70
65,4
1,044
0,5
0,0
-0,5
-1,0
-1,5
-2,0
-2,581
27,32
50
100
150
200
250
300
350
397

Figure 24


Cycle 2 Desorp
Cycle 1 Sorp
Cycle 1 Desorp
RH stages not equilibrated
Change In Mass (%) - Ref
Target RH (%)
13
12
11
10
9
8
7
6
5
4
3
2
1
0
-1
100
90
80
70
60
50
40
30
20
10
0