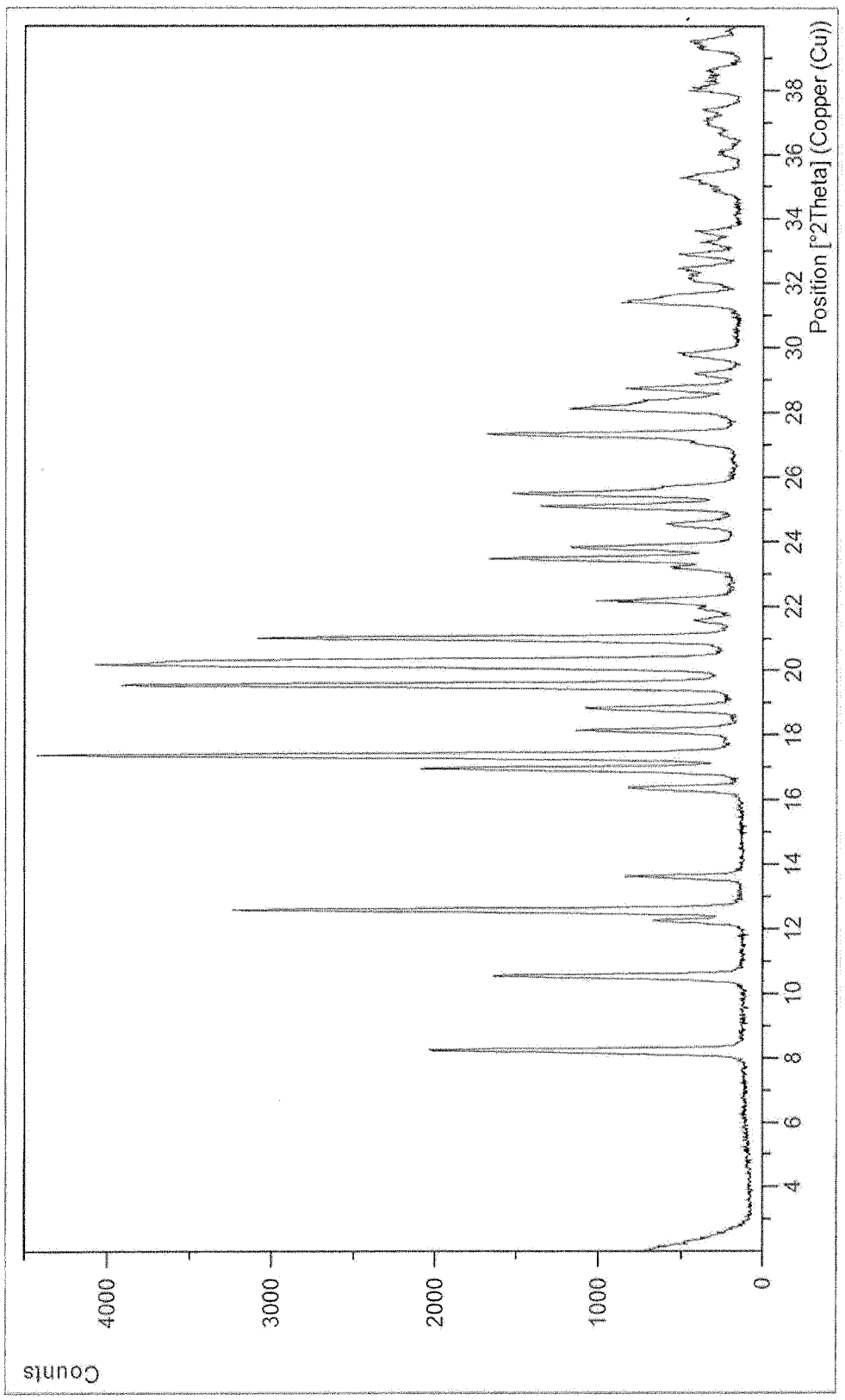

Counts
4000
3000
2000
1000
0
4
6
8
10
12
14
16
18
20
22
24
26
28
30
32
34
36
38
Position [°2Theta] (Copper (Cu))

FIG 1

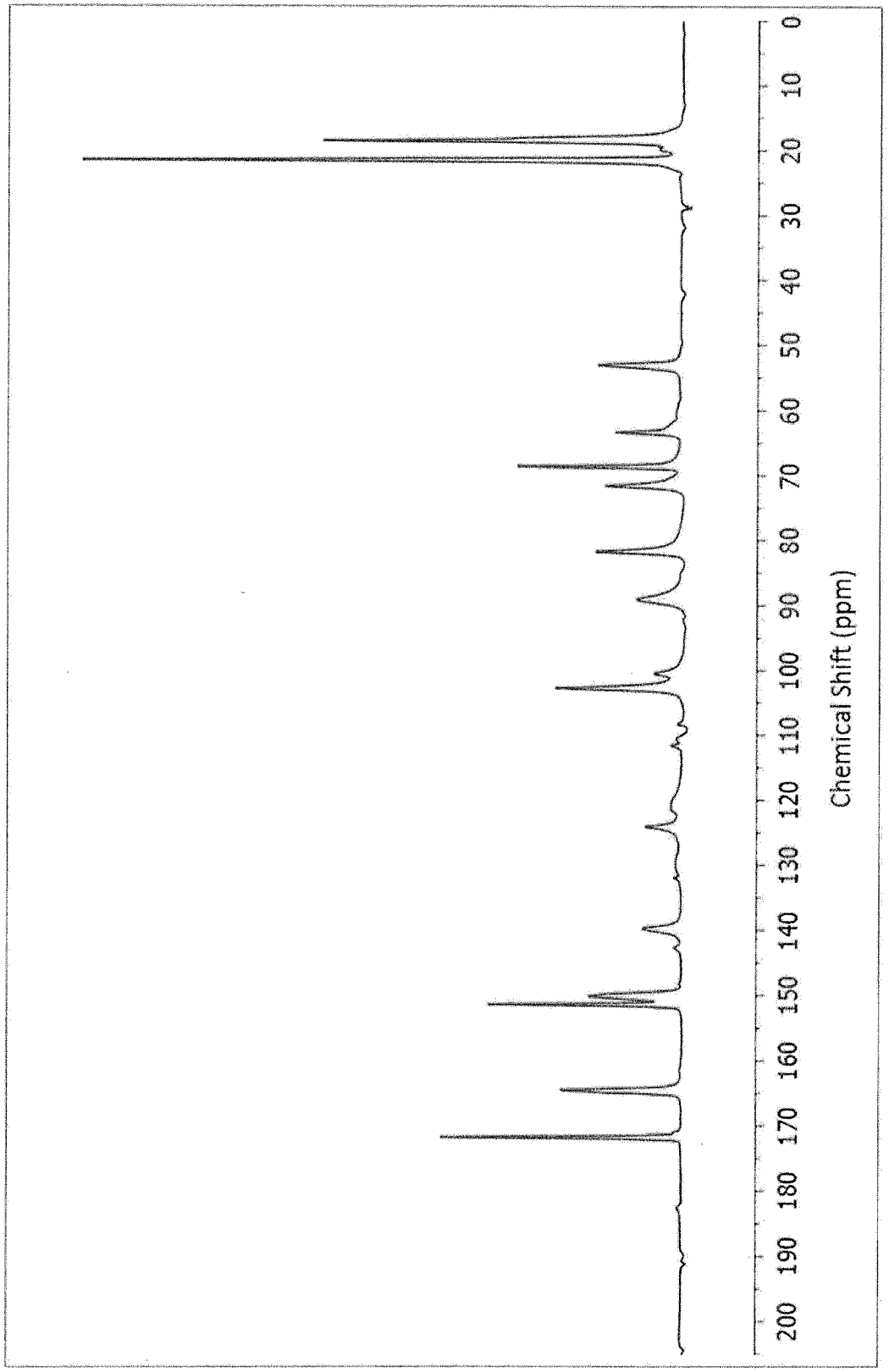

Chemical Shift (ppm)
0
10
20
30
40
50
60
70
80
90
100
110
120
130
140
150
160
170
180
190
200

FIG 2

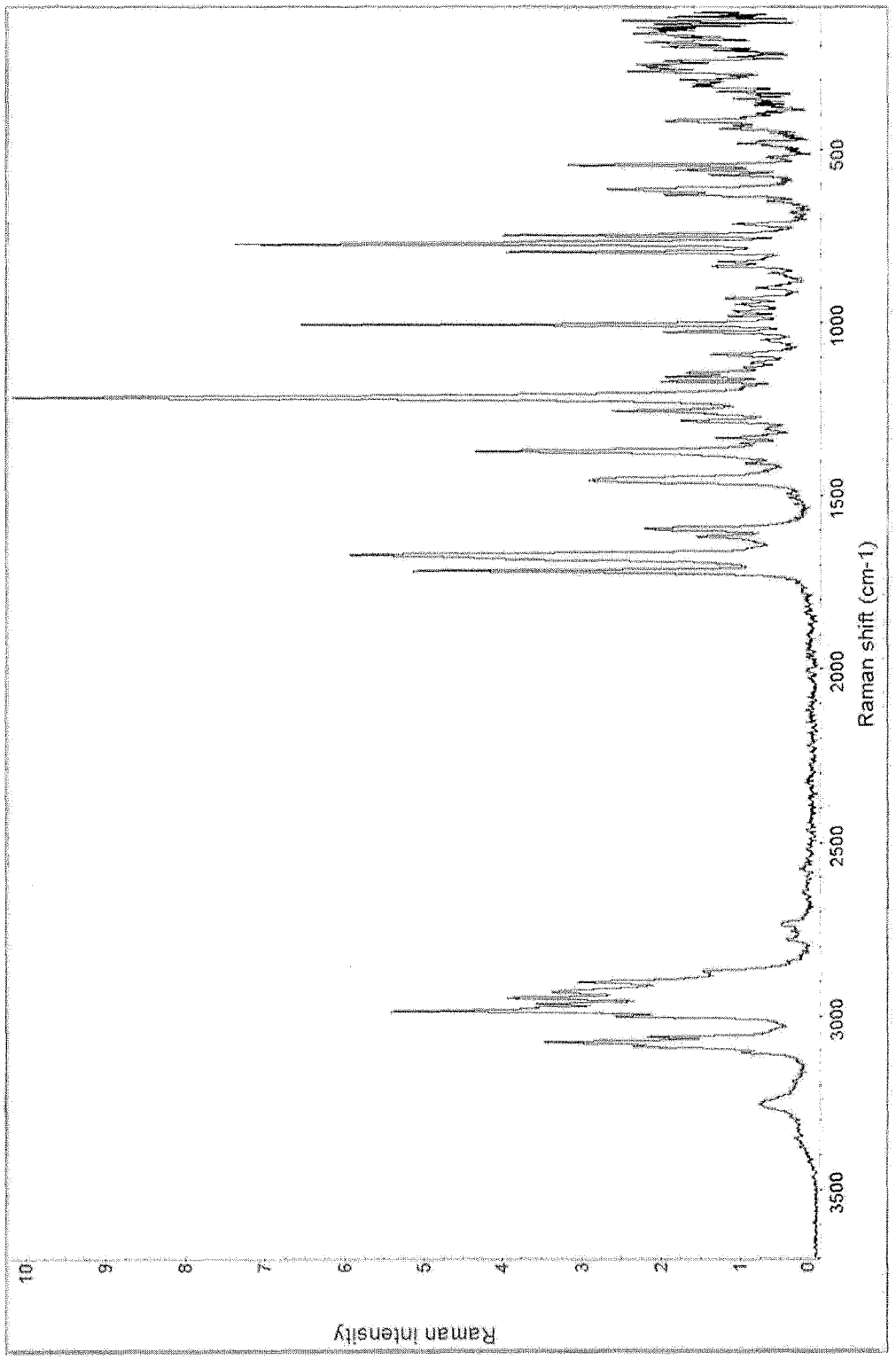

Raman intensity
0
1
2
3
4
5
6
7
8
9
10
3500
3000
2500
2000
1500
1000
500
Raman shift (cm-1)

FIG 3

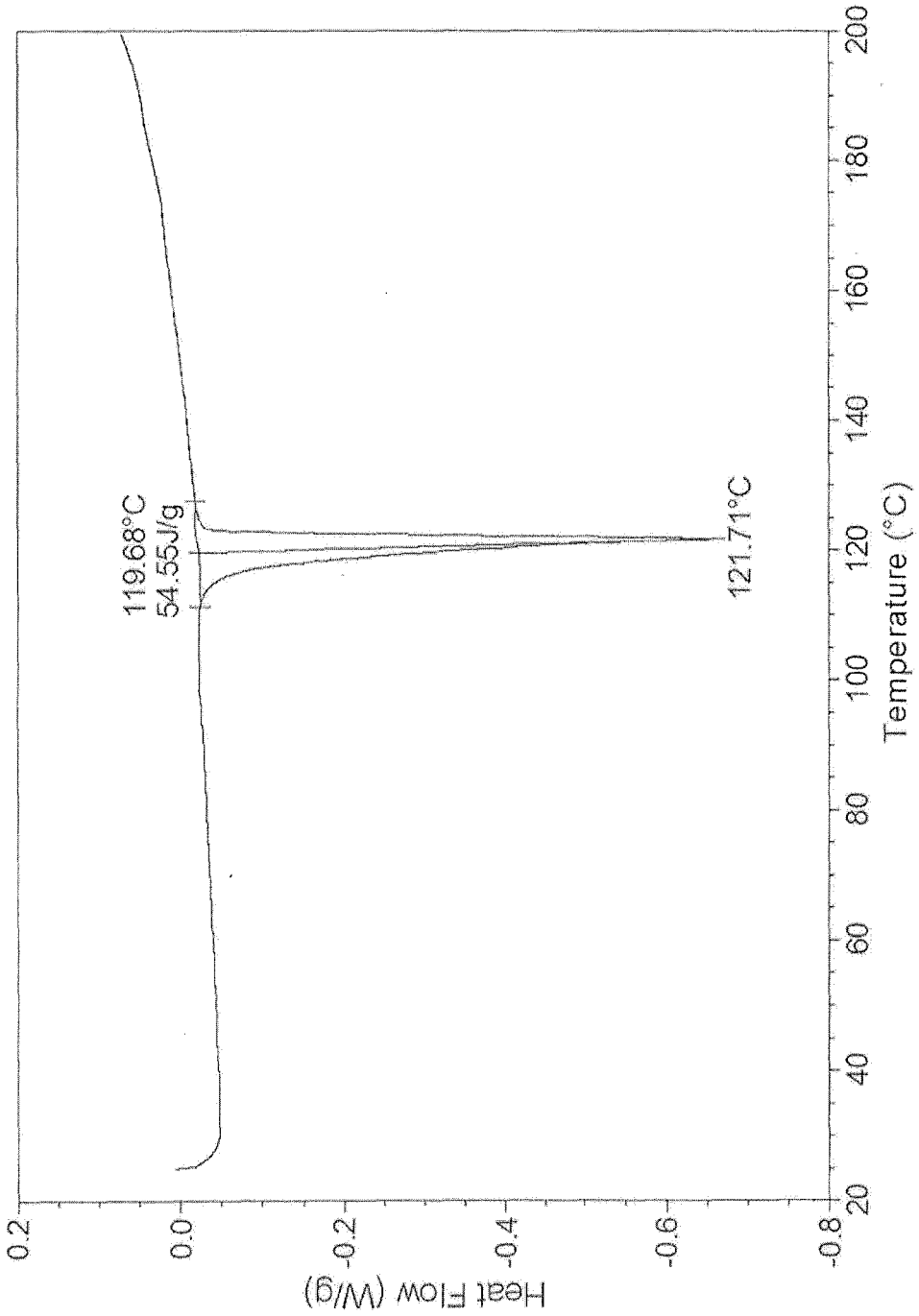

119.68°C
54.55J/g
121.71°C
Heat Flow (W/g)
0.2
0.0
-0.2
-0.4
-0.6
-0.8
20
40
60
80
100
120
140
160
180
200
Temperature (°C)

FIG 4

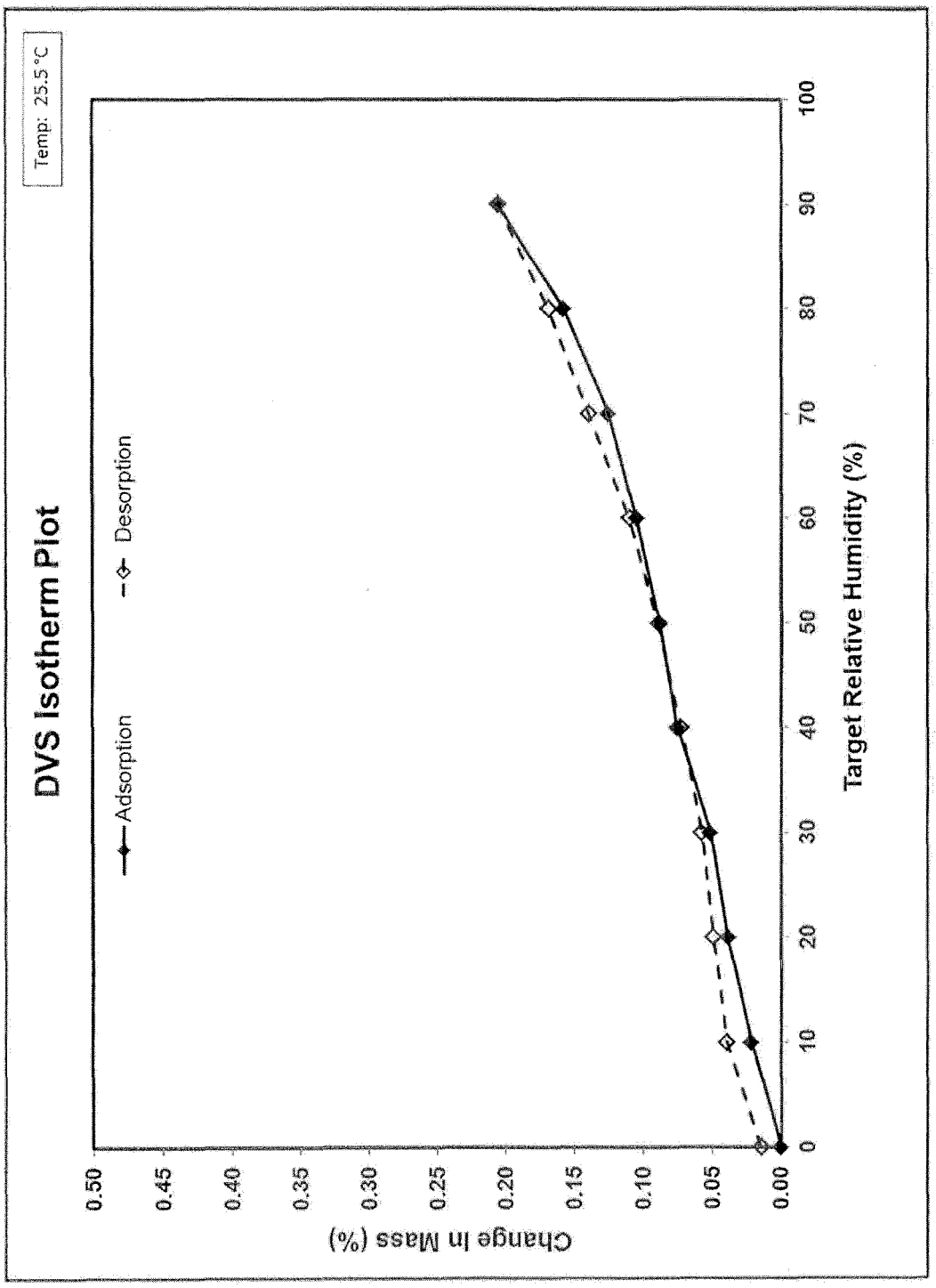

DVS Isotherm Plot
Temp: 25.5 °C
Adsorption
Desorption
Change In Mass (%)
0.50
0.45
0.40
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
Target Relative Humidity (%)
0
10
20
30
40
50
60
70
80
90
100

FIG 5

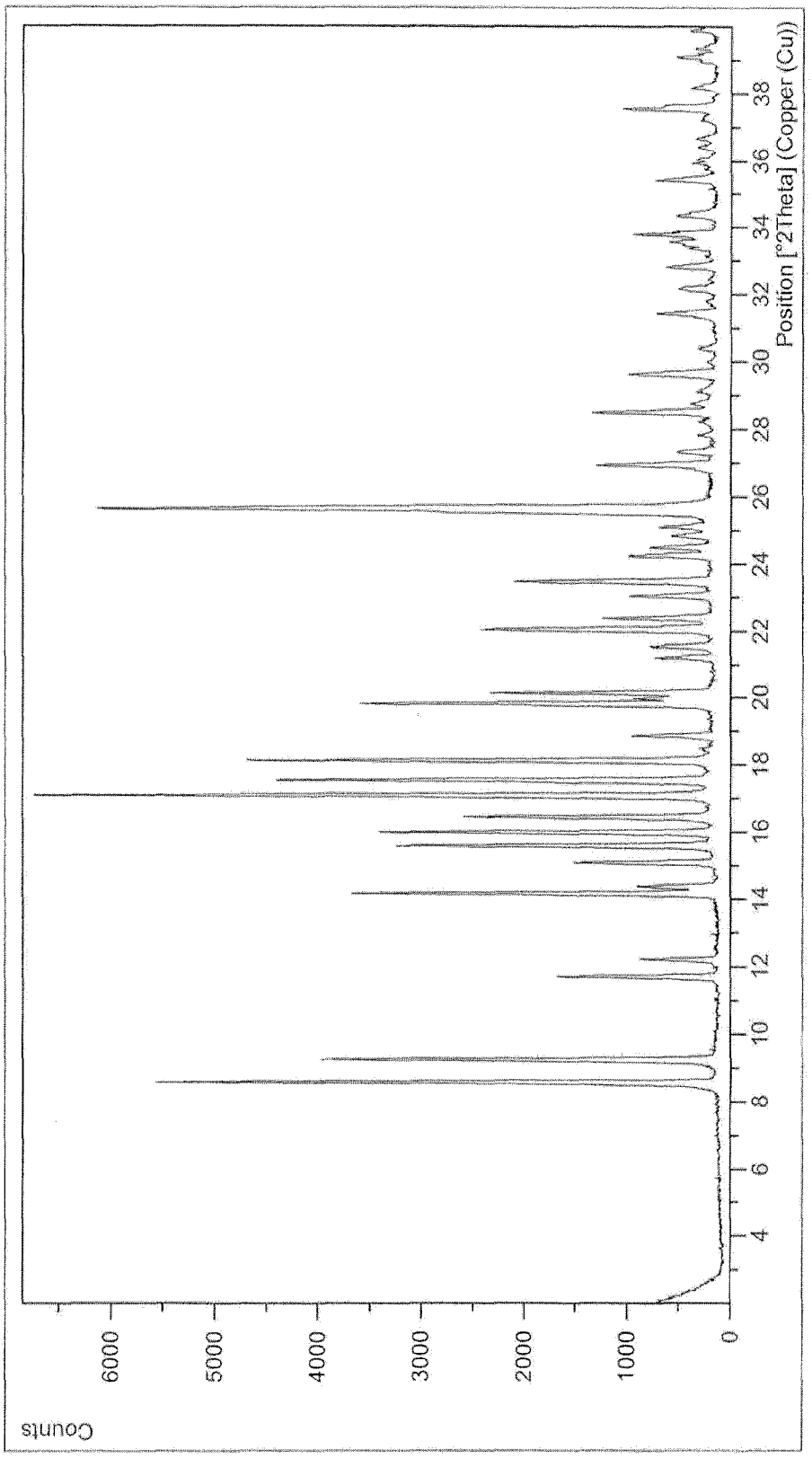

Counts
6000
5000
4000
3000
2000
1000
0
4
6
8
10
12
14
16
18
20
22
24
26
28
30
32
34
36
38
Position [°2Theta] (Copper (Cu))

FIG 6

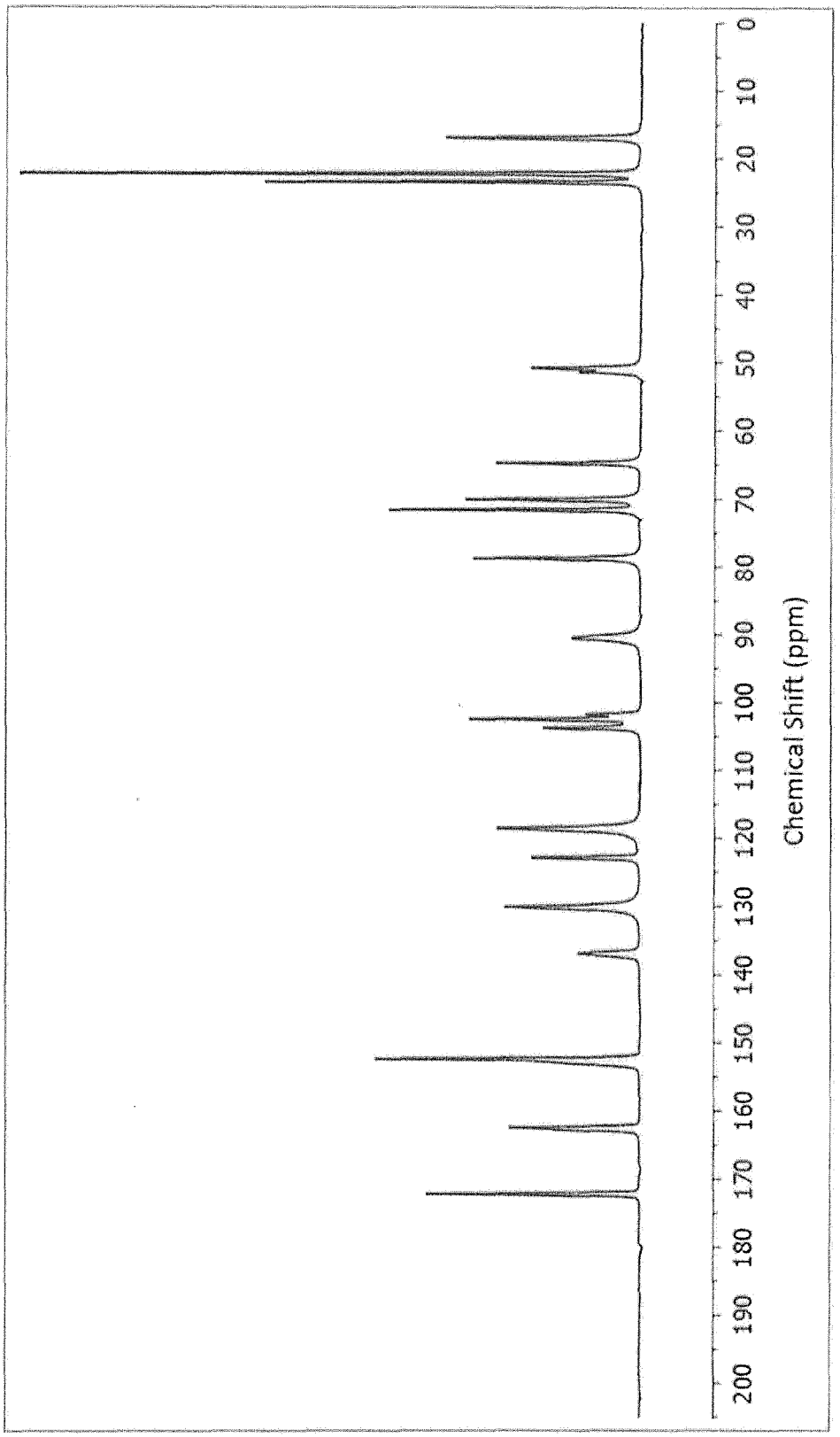

0
10
20
30
40
50
60
70
80
90
100
110
120
130
140
150
160
170
180
190
200
Chemical Shift (ppm)

FIG 7

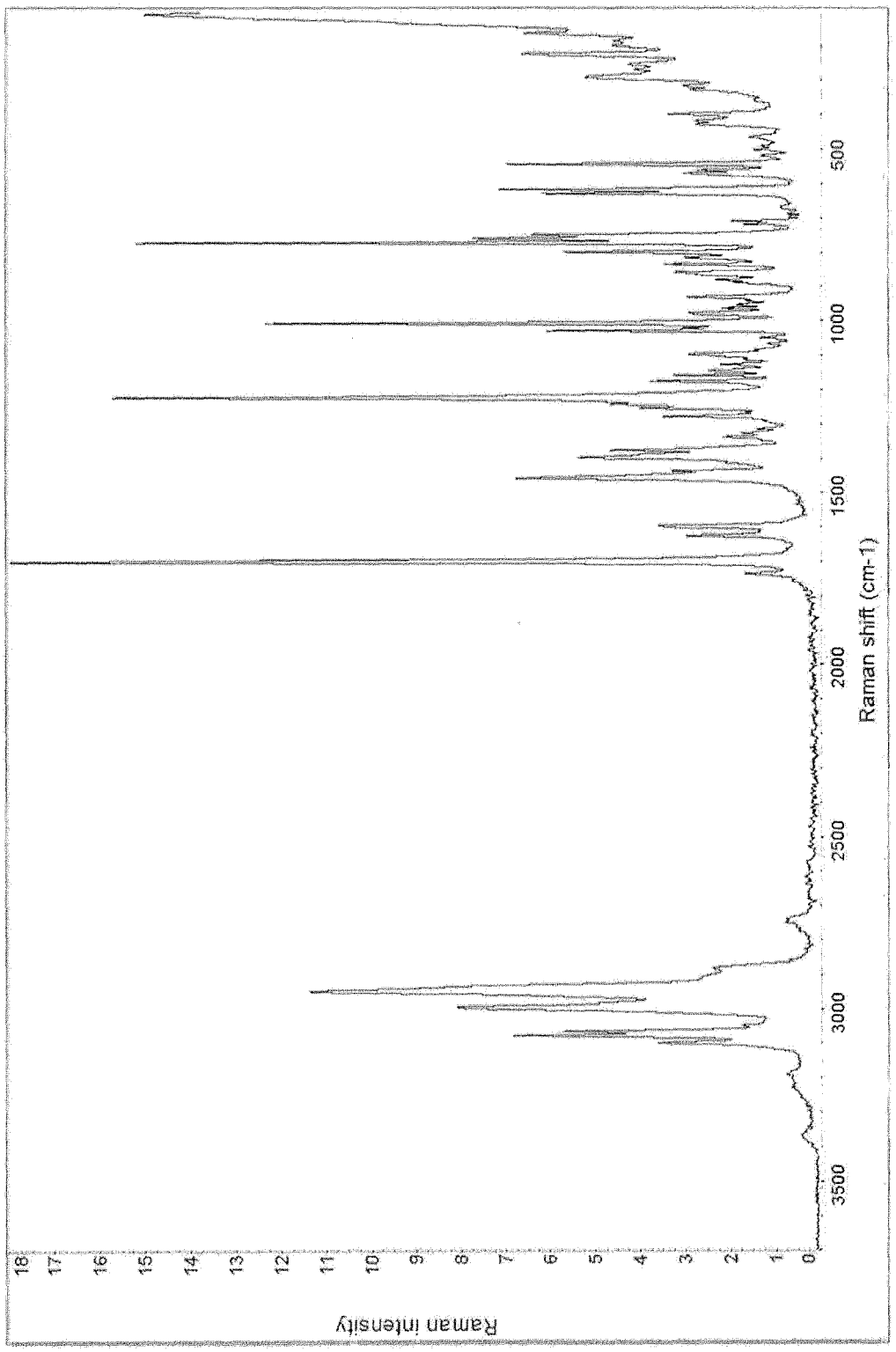

Raman intensity
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
Raman shift (cm-1)
500
1000
1500
2000
2500
3000
3500

FIG 8

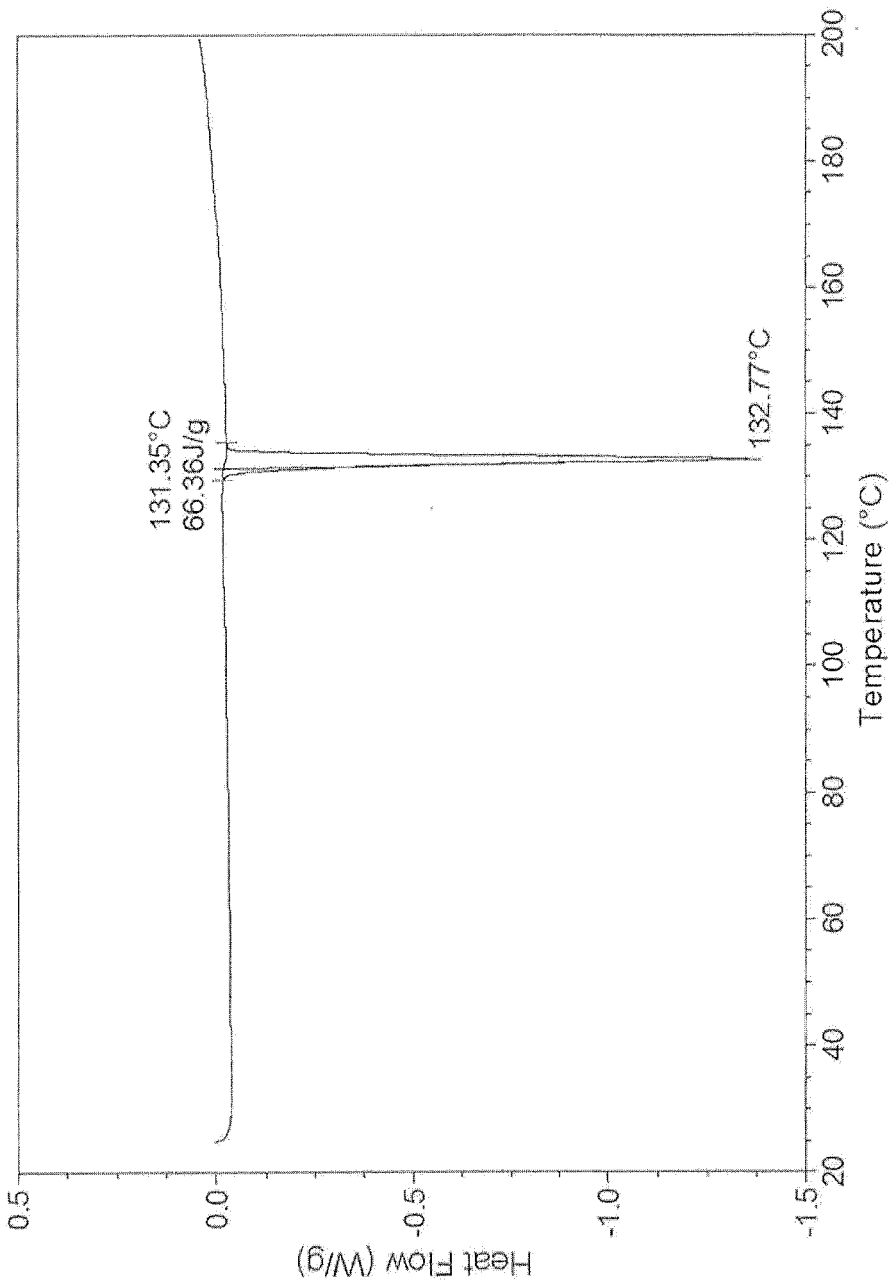

131.35°C
66.36J/g
132.77°C
Heat Flow (W/g)
Temperature (°C)
0.5
0.0
-0.5
-1.0
-1.5
20
40
60
80
100
120
140
160
180
200

FIG 9

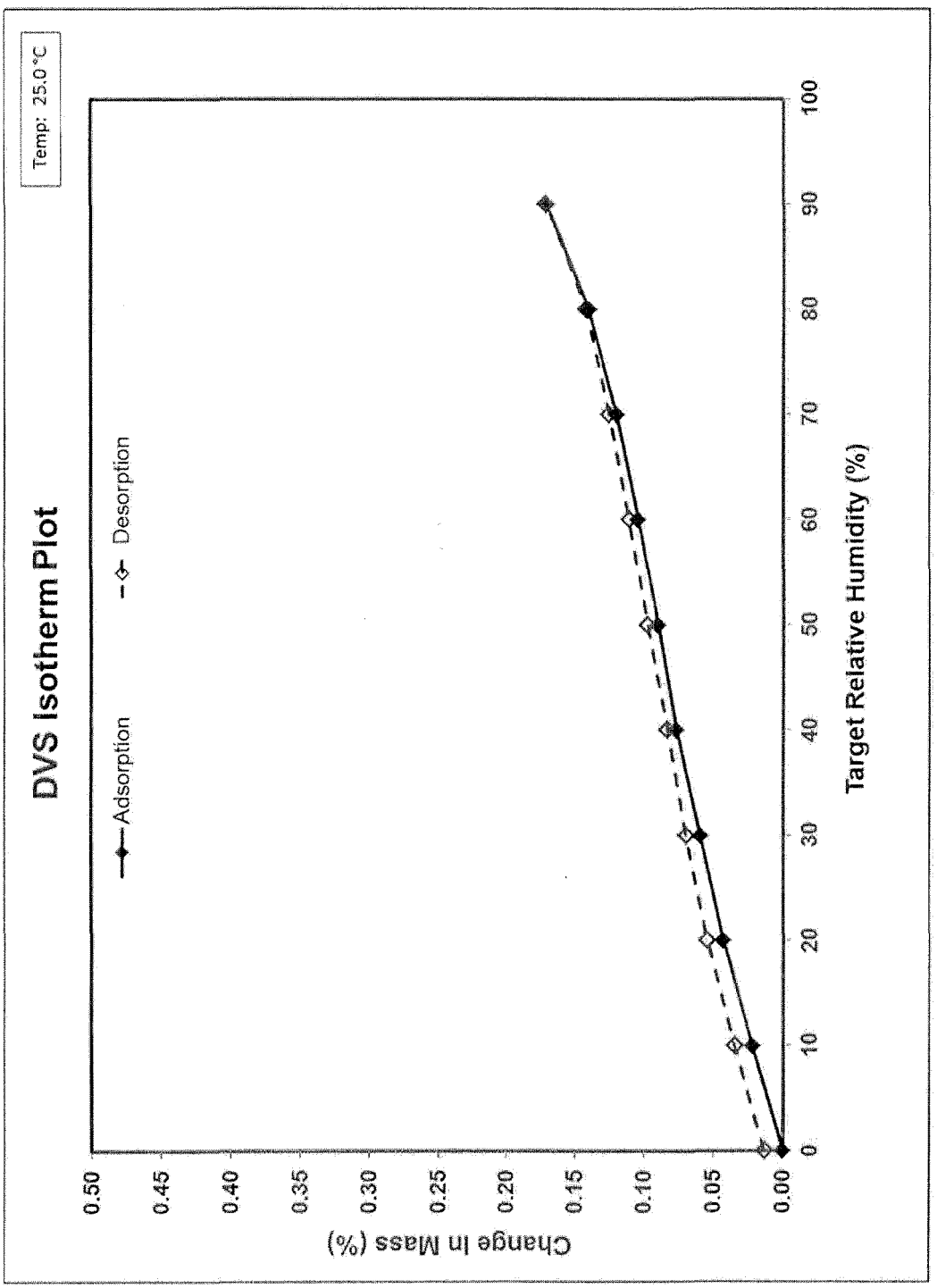

DVS Isotherm Plot
Temp: 25.0 °C
Adsorption
Desorption
Change In Mass (%)
0.50
0.45
0.40
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
0
10
20
30
40
50
60
70
80
90
100
Target Relative Humidity (%)

FIG 10