FIG. 1

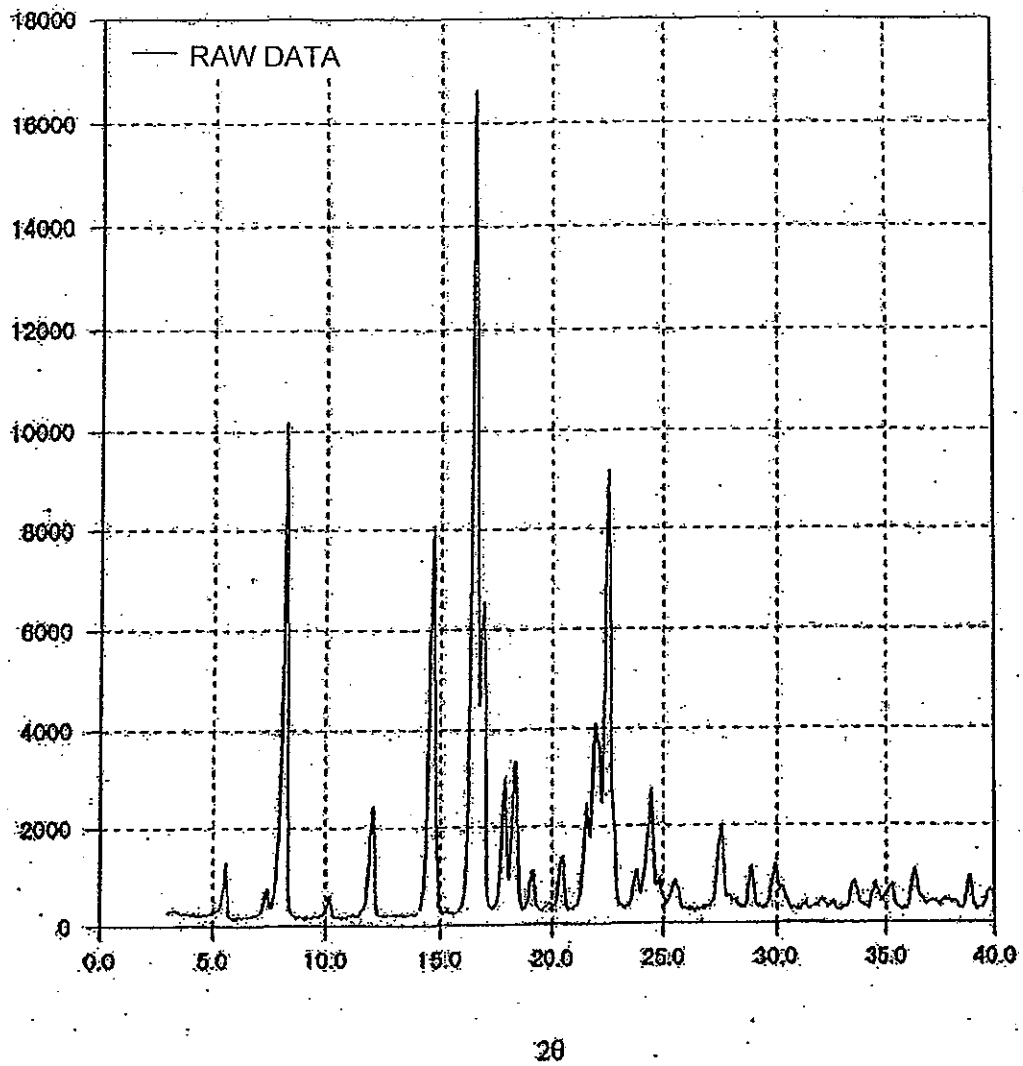

INTENSITY (cps)
RAW DATA
18000
16000
14000
12000
10000
8000
6000
4000
2000
0
0.0
5.0
10.0
15.0
20.0
25.0
30.0
35.0
40.0
2θ

FIG. 2

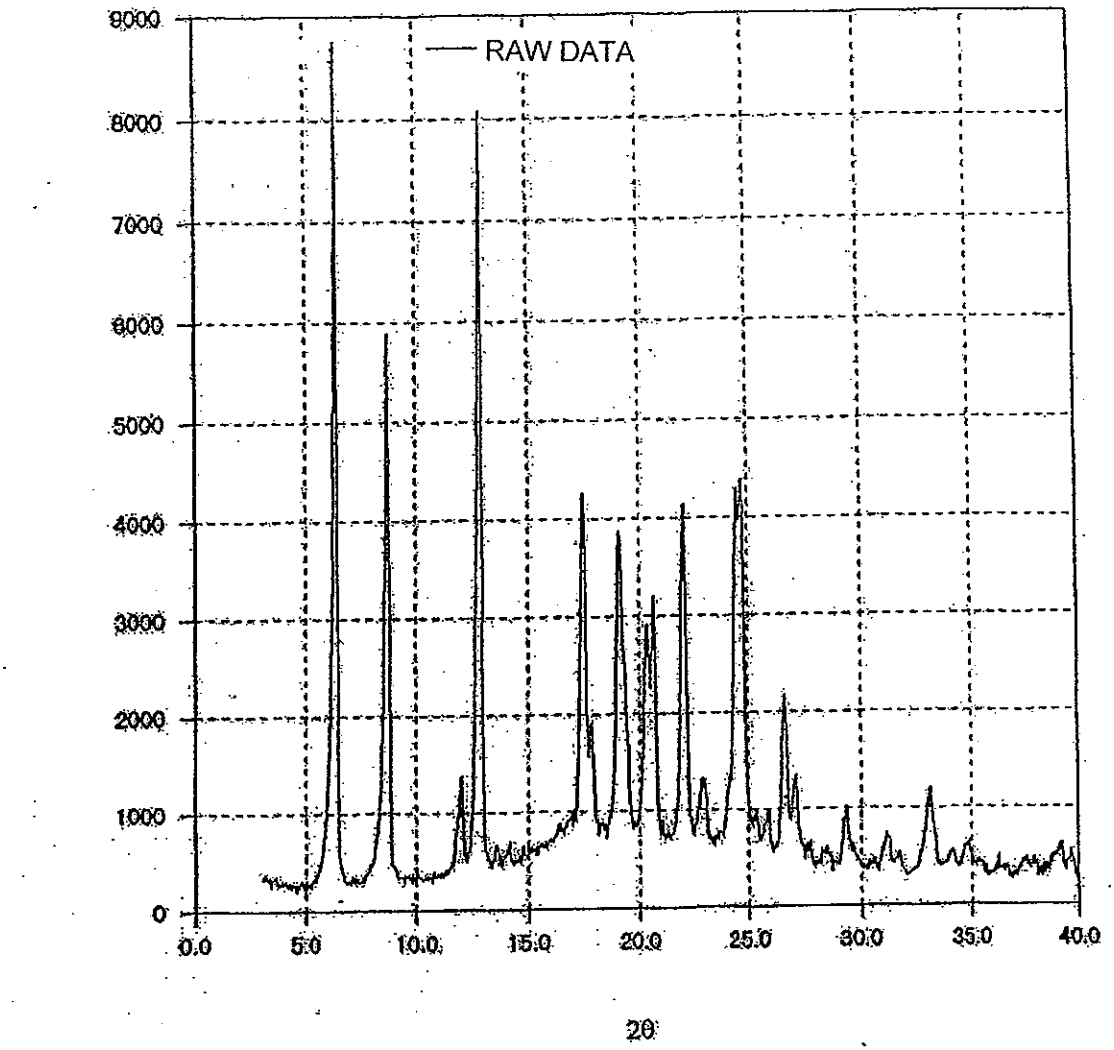

INTENSITY (cps)
RAW DATA
9000
8000
7000
6000
5000
4000
3000
2000
1000
0
0.0
5.0
10.0
15.0
20.0
25.0
30.0
35.0
40.0
2θ

FIG. 3

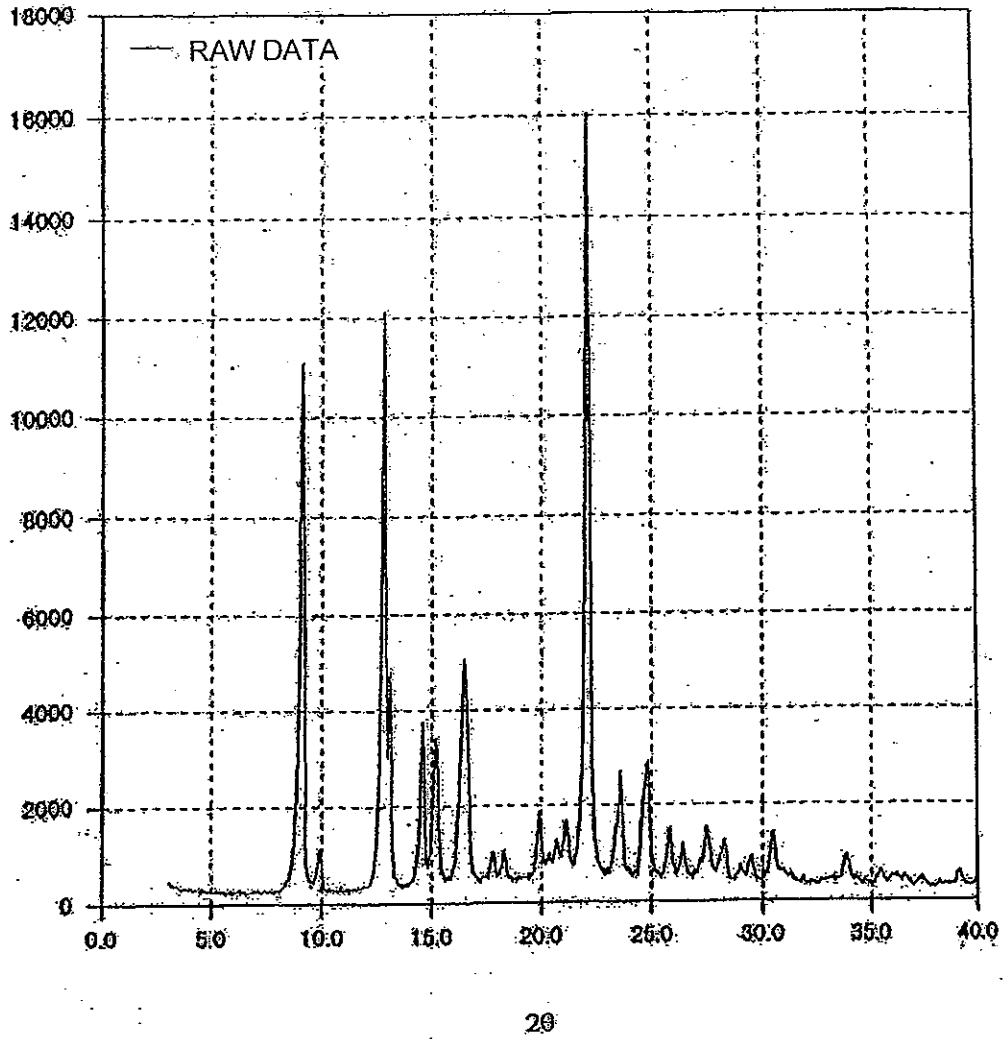

INTENSITY (cps)
RAW DATA
18000
16000
14000
12000
10000
8000
6000
4000
2000
0
0.0
5.0
10.0
15.0
20.0
25.0
30.0
35.0
40.0
2θ

FIG. 4

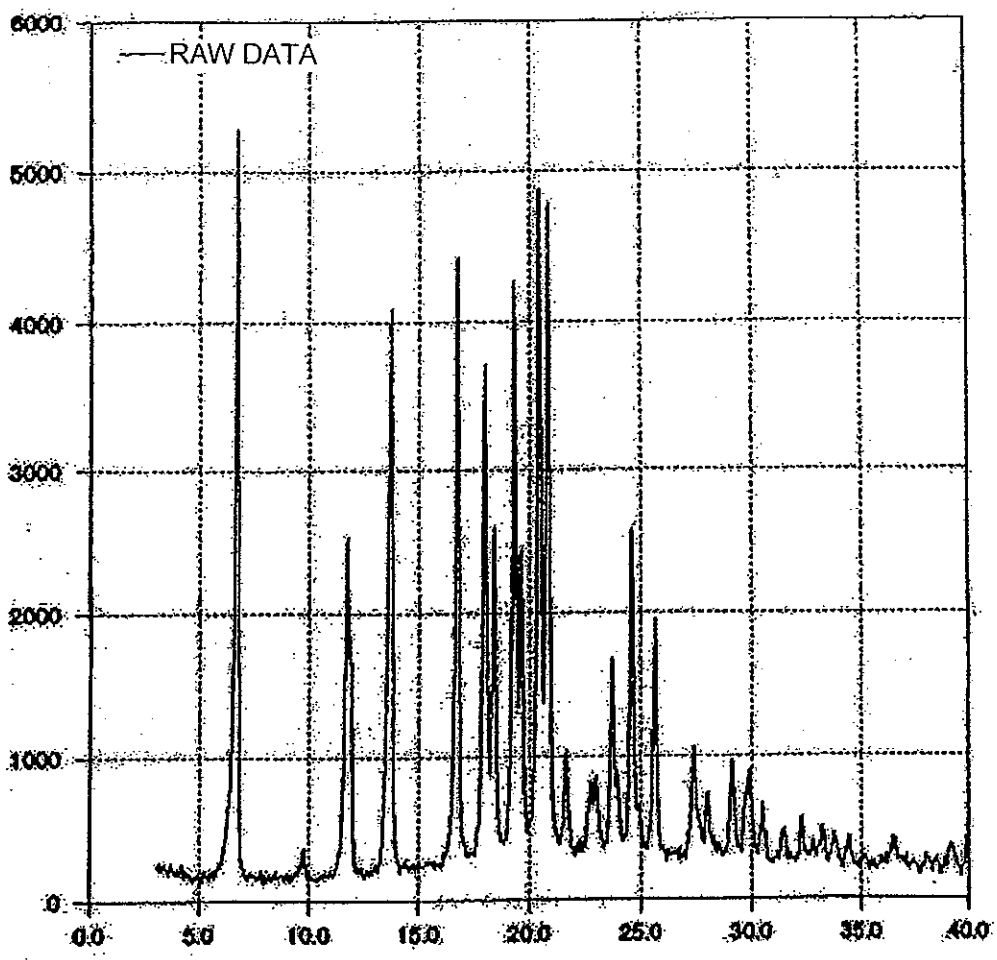

INTENSITY (cps)
RAW DATA
6000
5000
4000
3000
2000
1000
0
0.0
5.0
10.0
15.0
20.0
25.0
30.0
35.0
40.0
2θ

FIG. 5

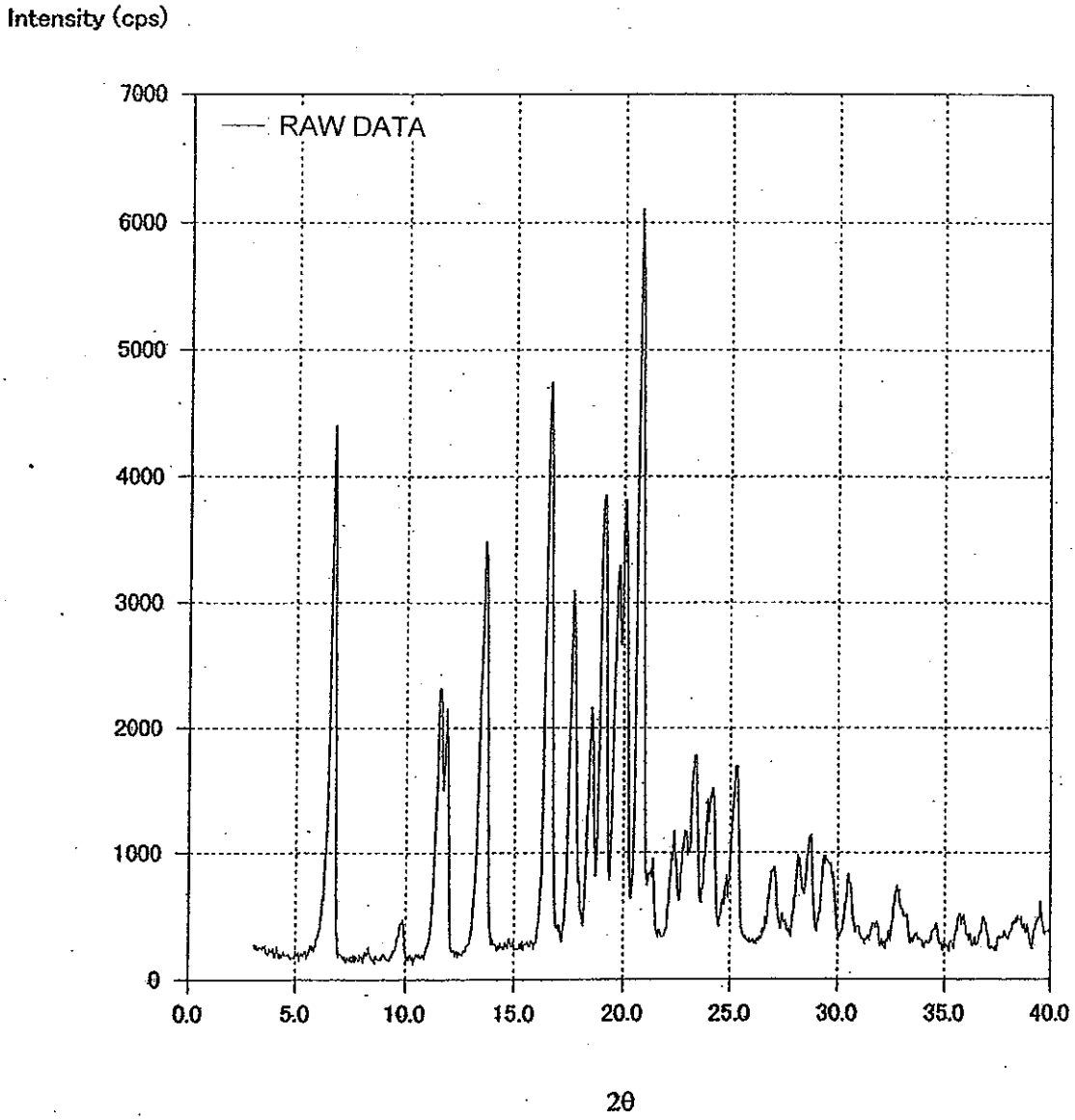

Intensity (cps)
RAW DATA
7000
6000
5000
4000
3000
2000
1000
0
0.0
5.0
10.0
15.0
20.0
25.0
30.0
35.0
40.0
2θ

FIG. 6

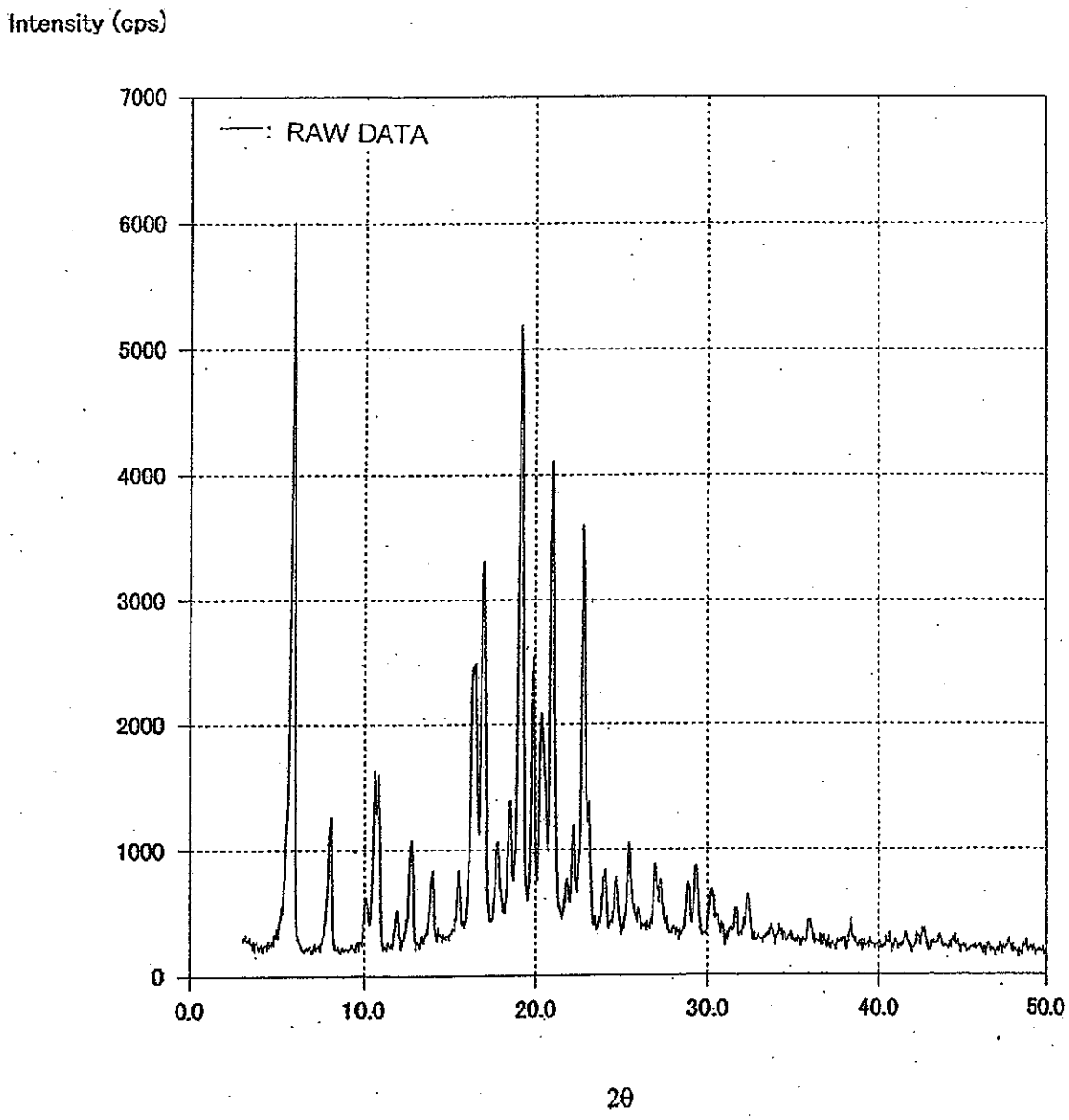

Intensity (cps)
7000
6000
5000
4000
3000
2000
1000
0
—: RAW DATA
0.0
10.0
20.0
30.0
40.0
50.0
2θ

FIG. 7

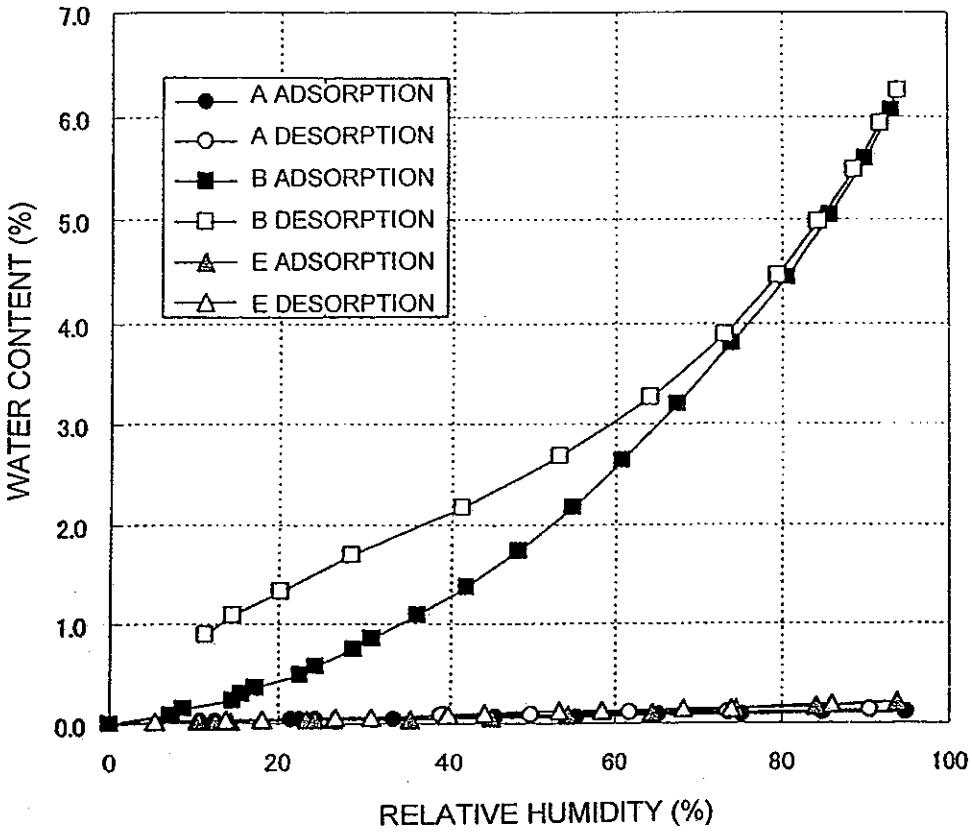

7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
WATER CONTENT (%)
A ADSORPTION
A DESORPTION
B ADSORPTION
B DESORPTION
E ADSORPTION
E DESORPTION
0
20
40
60
80
100
RELATIVE HUMIDITY (%)

FIG. 8

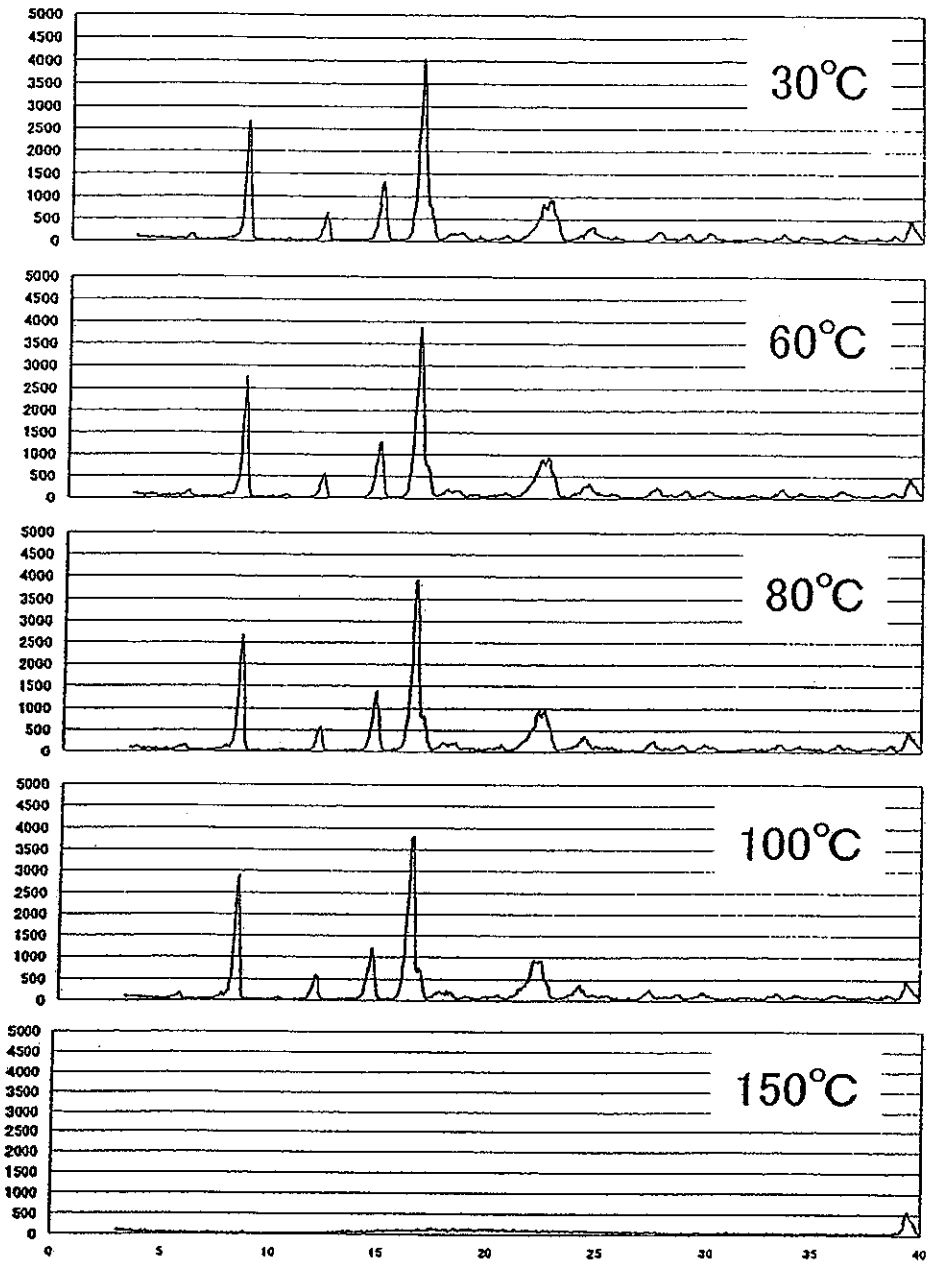
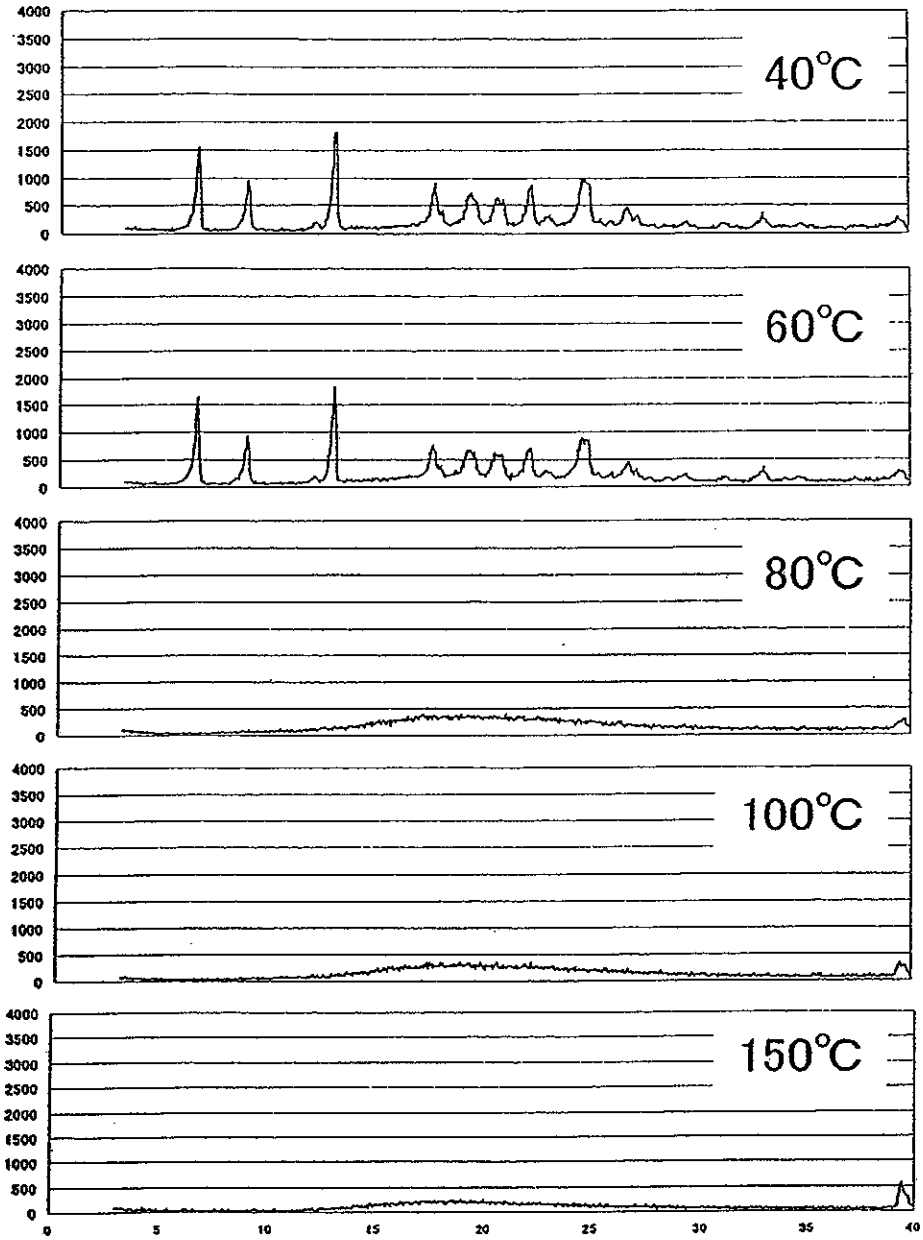

30°C
60°C
80°C
100°C
150°C
5000
4500
4000
3500
3000
2500
2000
1500
1000
500
0
0
5
10
15
20
25
30
35
40

FIG. 9


40℃
60℃
80℃
100℃
150℃
4000
3500
3000
2500
2000
1500
1000
500
0
0
5
10
15
20
25
30
35
40