FIG.1

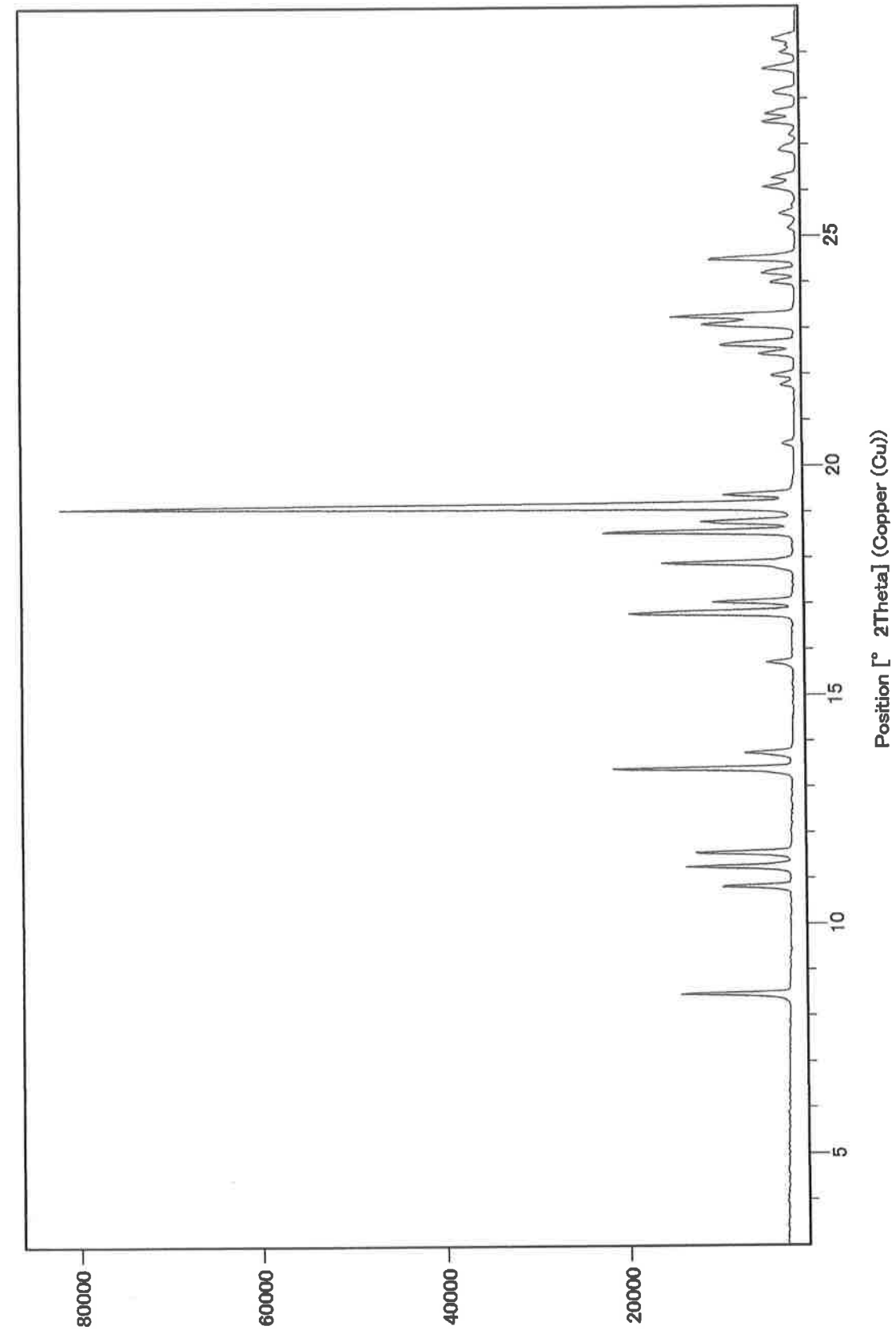

Counts
80000
60000
40000
20000
5
10
15
20
25
Position [° 2Theta] (Copper (Cu))

FIG.2

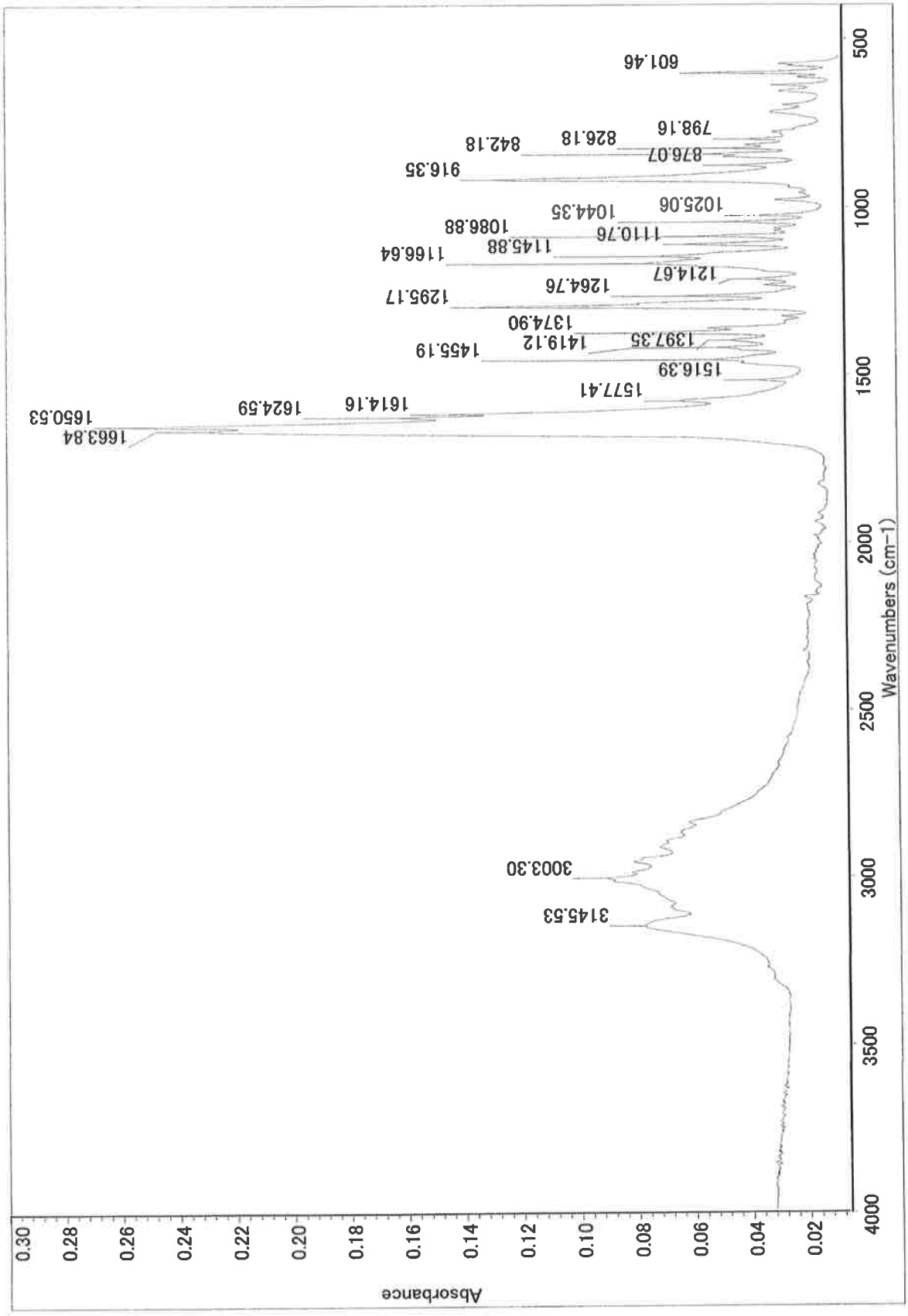
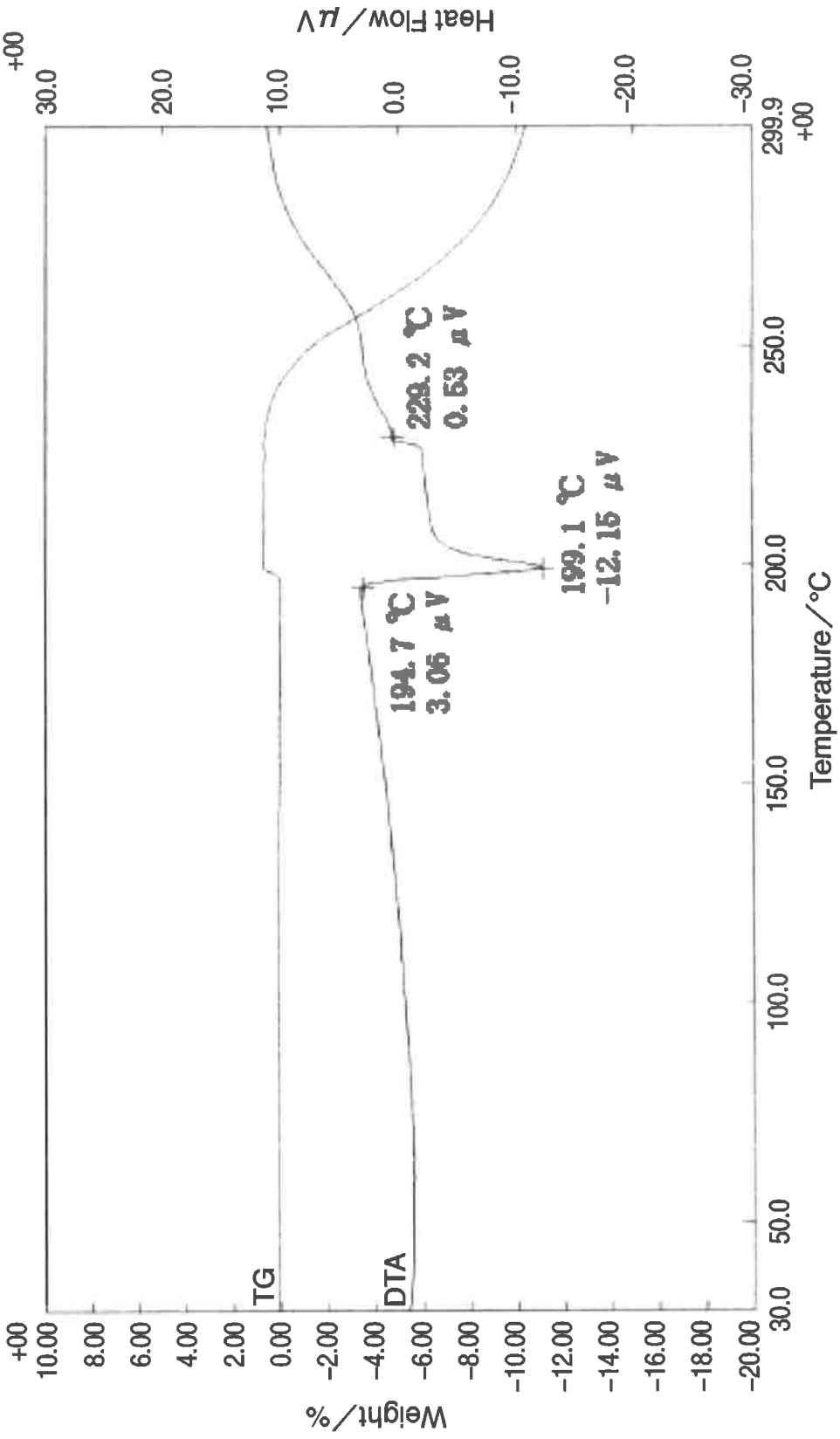

Absorbance
0.30
0.28
0.26
0.24
0.22
0.20
0.18
0.16
0.14
0.12
0.10
0.08
0.06
0.04
0.02
4000
3500
3000
2500
2000
1500
1000
500
Wavenumbers (cm-1)
3003.30
3145.53
1663.84
1650.53
1624.59
1614.16
1577.41
1516.39
1455.19
1419.12
1397.35
1374.90
1295.17
1264.76
1214.67
1166.64
1145.88
1110.76
1086.88
1044.35
1025.06
916.35
876.07
842.18
826.18
798.16
601.46

FIG.3


Heat Flow / μV
+00
30.0
20.0
10.0
0.0
-10.0
-20.0
-30.0
299.9
+00
Weight / %
+00
10.00
8.00
6.00
4.00
2.00
0.00
-2.00
-4.00
-6.00
-8.00
-10.00
-12.00
-14.00
-16.00
-18.00
-20.00
TG
DTA
30.0
50.0
100.0
150.0
200.0
250.0
Temperature / °C
228.2 °C
0.63 μV
199.1 °C
-12.15 μV
194.7 °C
3.06 μV