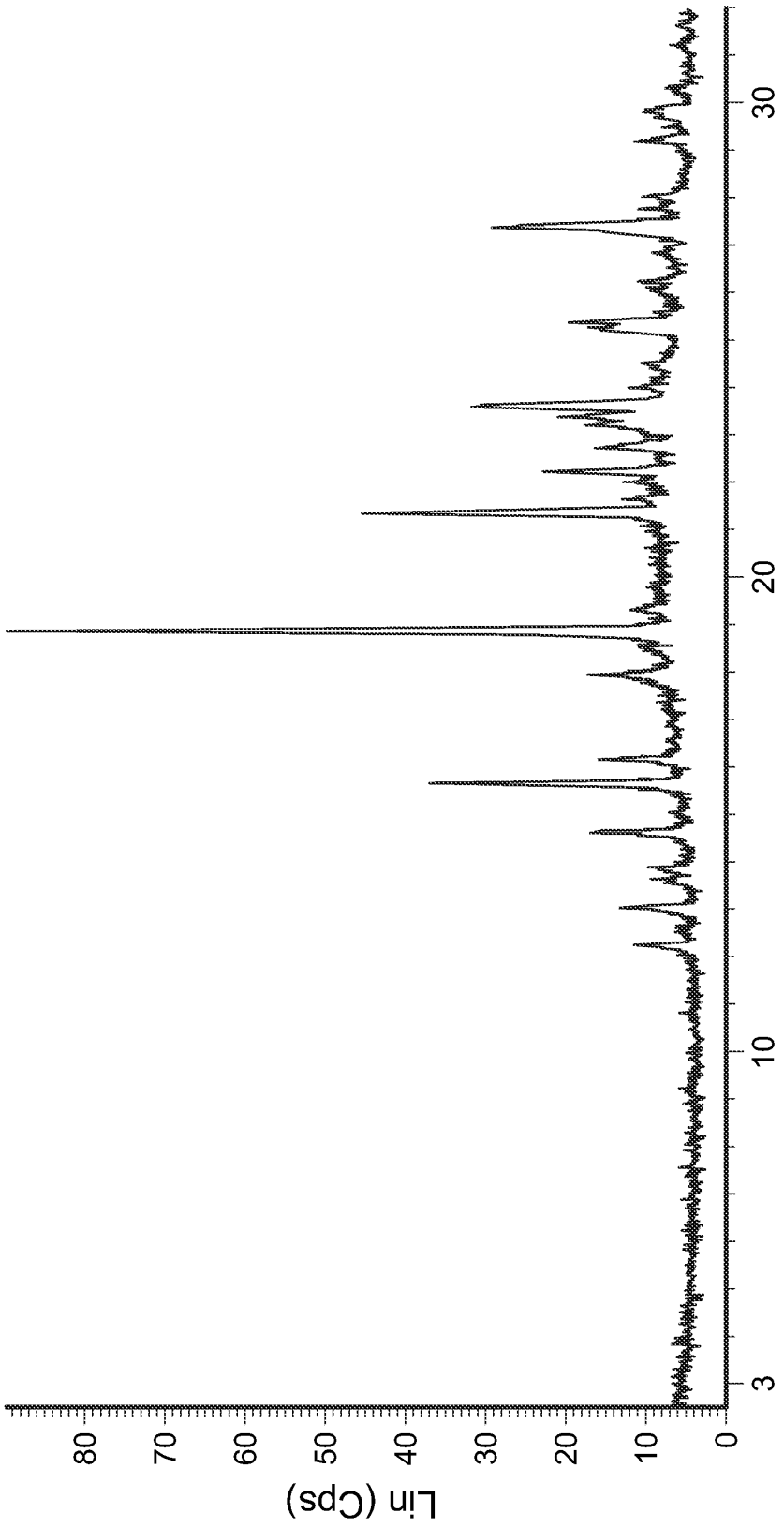


FIG. 1

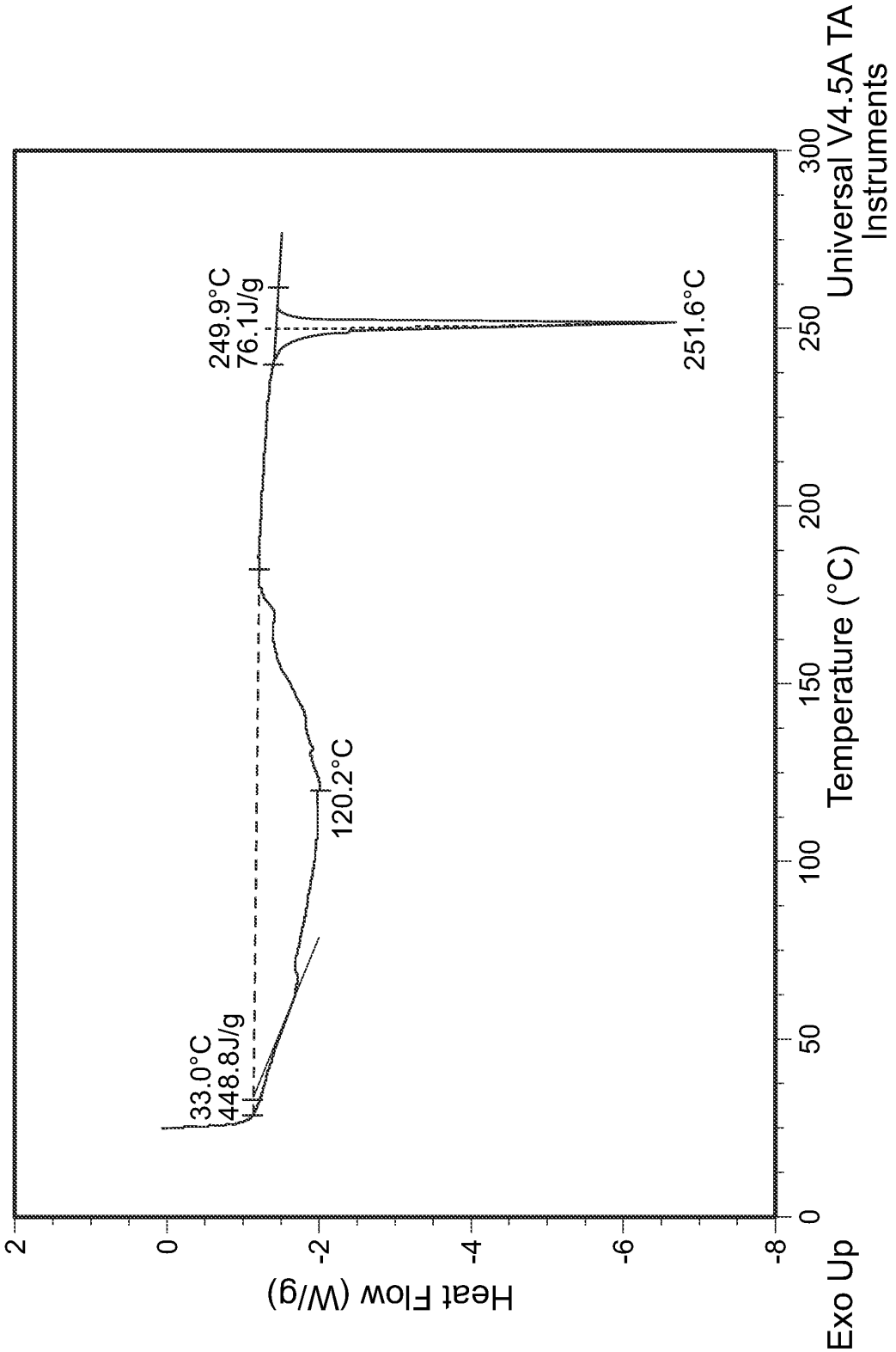

Universal V4.5A TA Instruments
Exo Up
Heat Flow (W/g)
Temperature (°C)
33.0°C
448.8J/g
120.2°C
249.9°C
76.1J/g
251.6°C

FIG. 2

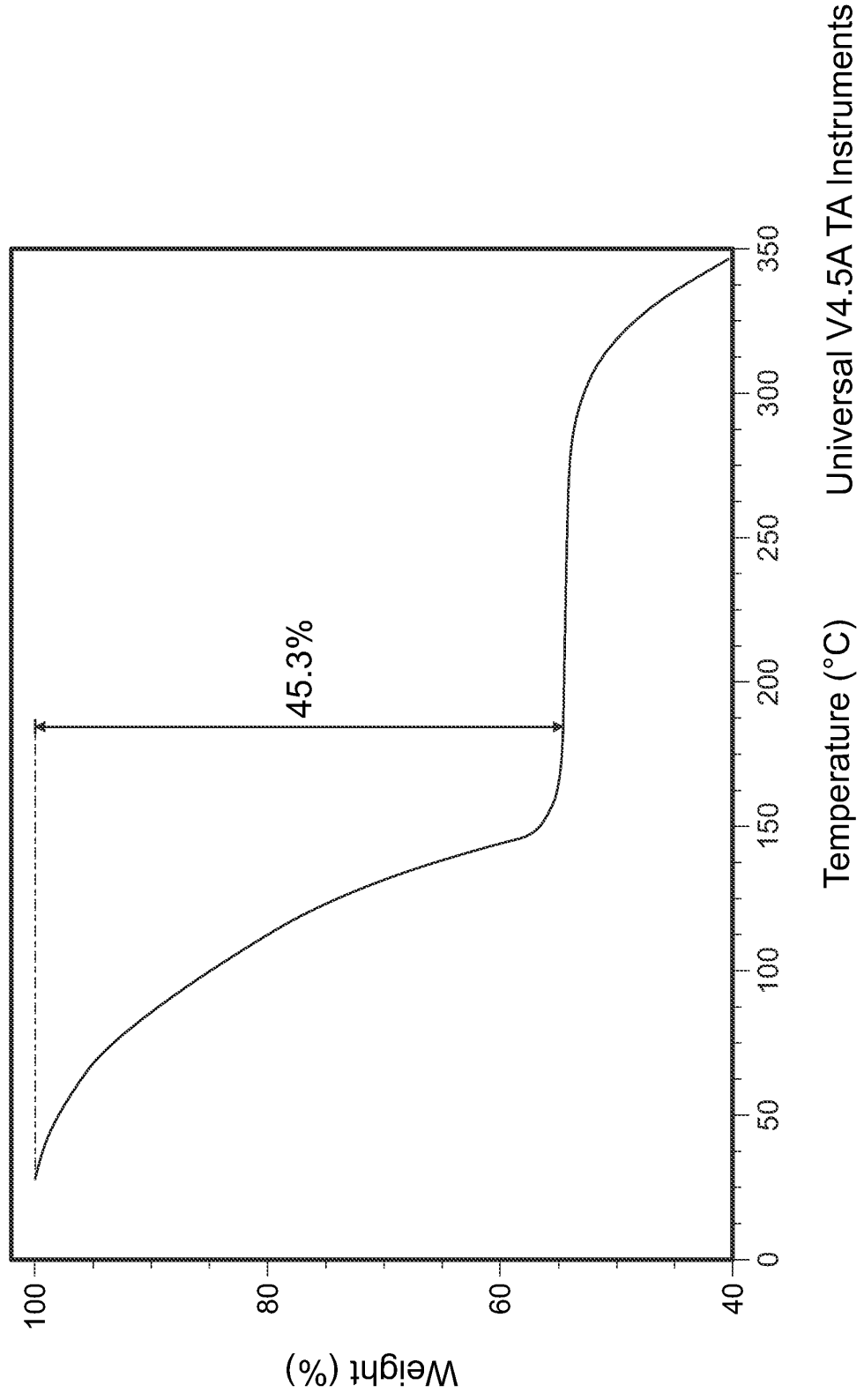

Universal V4.5A TA Instruments
Temperature (°C)
Weight (%)
45.3%
100
80
60
40
0
50
100
150
200
250
300
350

FIG. 3

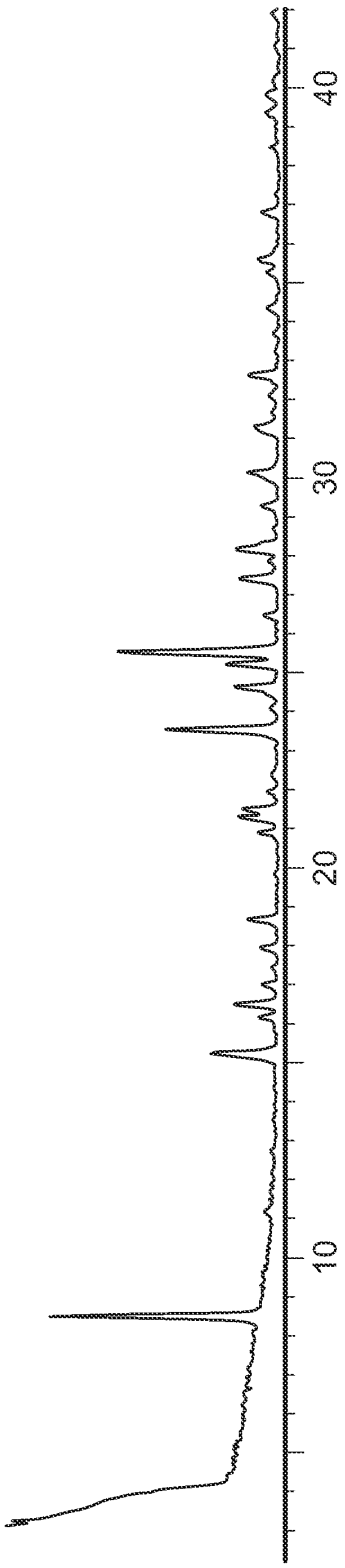


FIG. 4

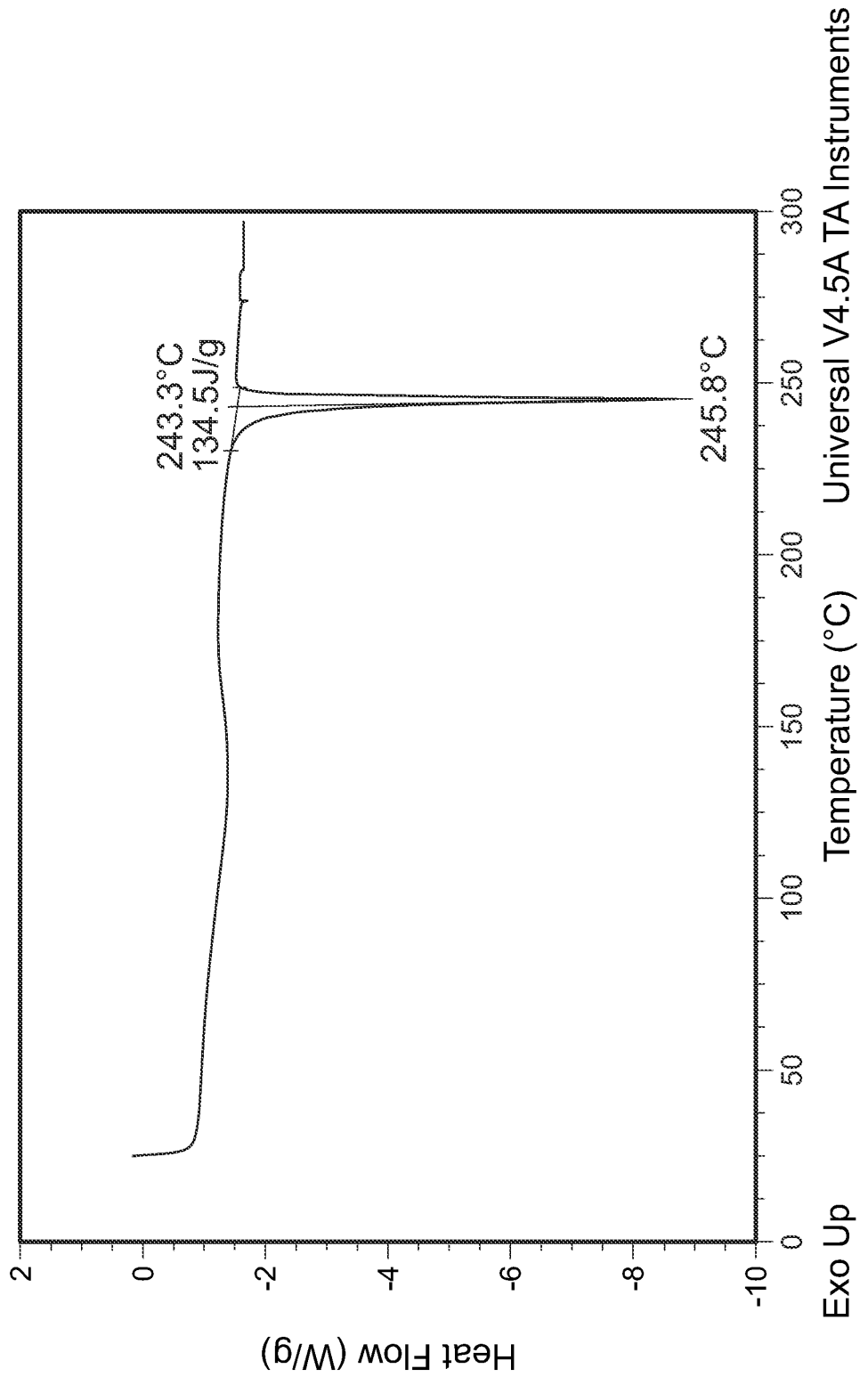

Heat Flow (W/g)
2
0
-2
-4
-6
-8
-10
Exo Up
0
50
100
150
200
250
300
Temperature (°C)
243.3°C
134.5J/g
245.8°C
Universal V4.5A TA Instruments

FIG. 5

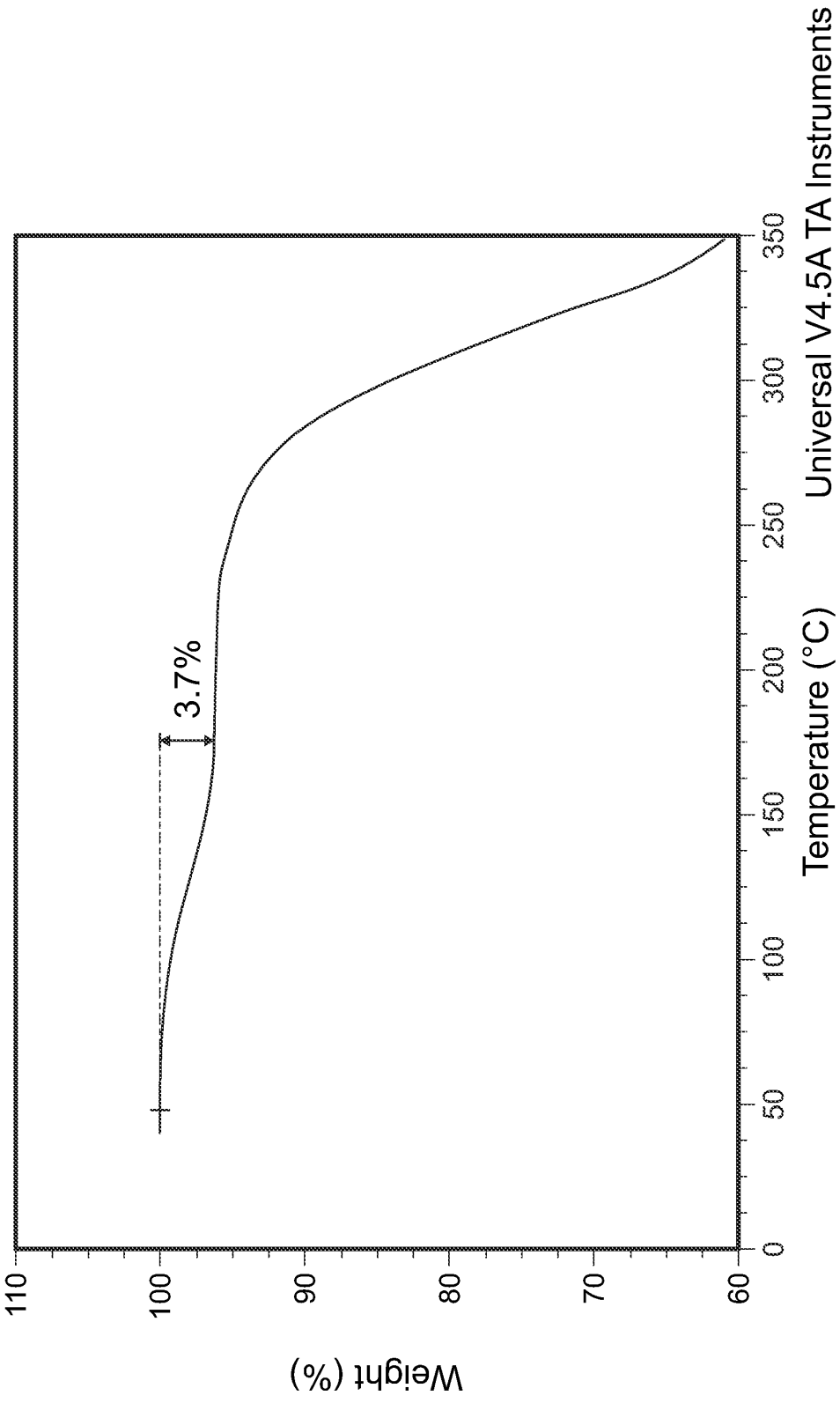

Universal V4.5A TA Instruments
Weight (%)
Temperature (°C)
110
100
90
80
70
60
0
50
100
150
200
250
300
350
3.7%

FIG. 6

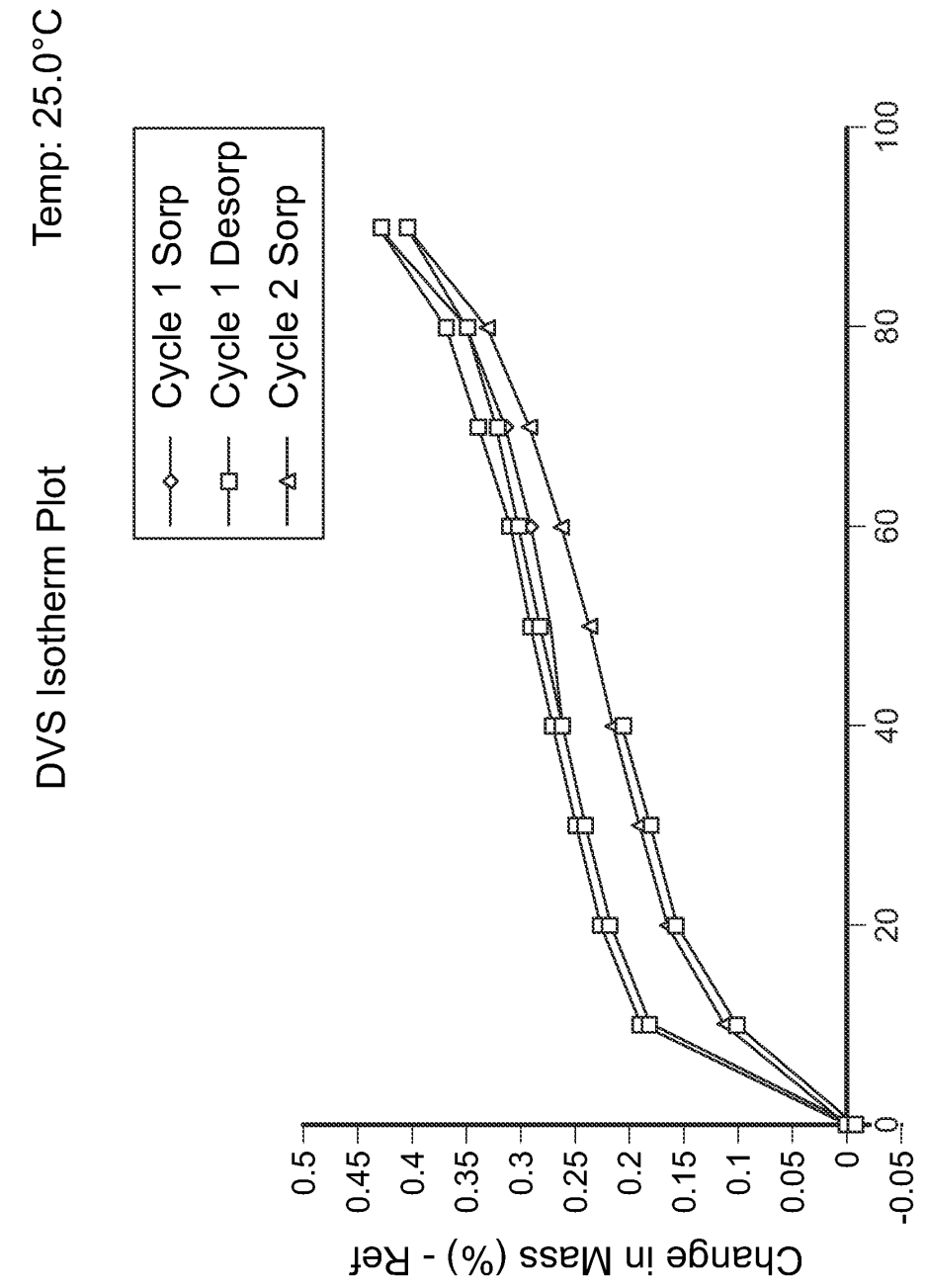

DVS Isotherm Plot
Temp: 25.0°C
Cycle 1 Sorp
Cycle 1 Desorp
Cycle 2 Sorp
Change in Mass (%) - Ref
0.5
0.45
0.4
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
-0.05
0
20
40
60
80
100
Target RH (%)

FIG. 7

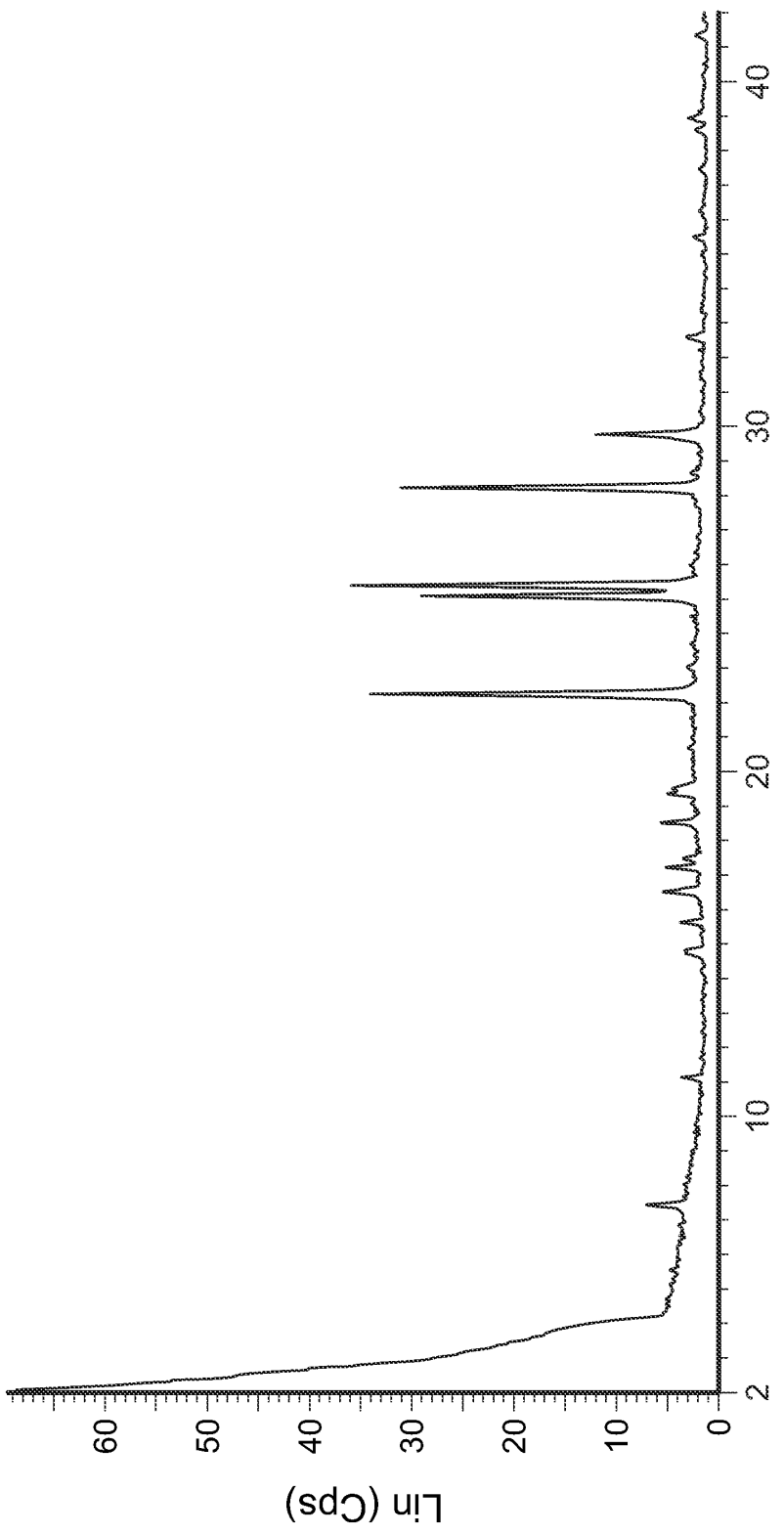


FIG. 8

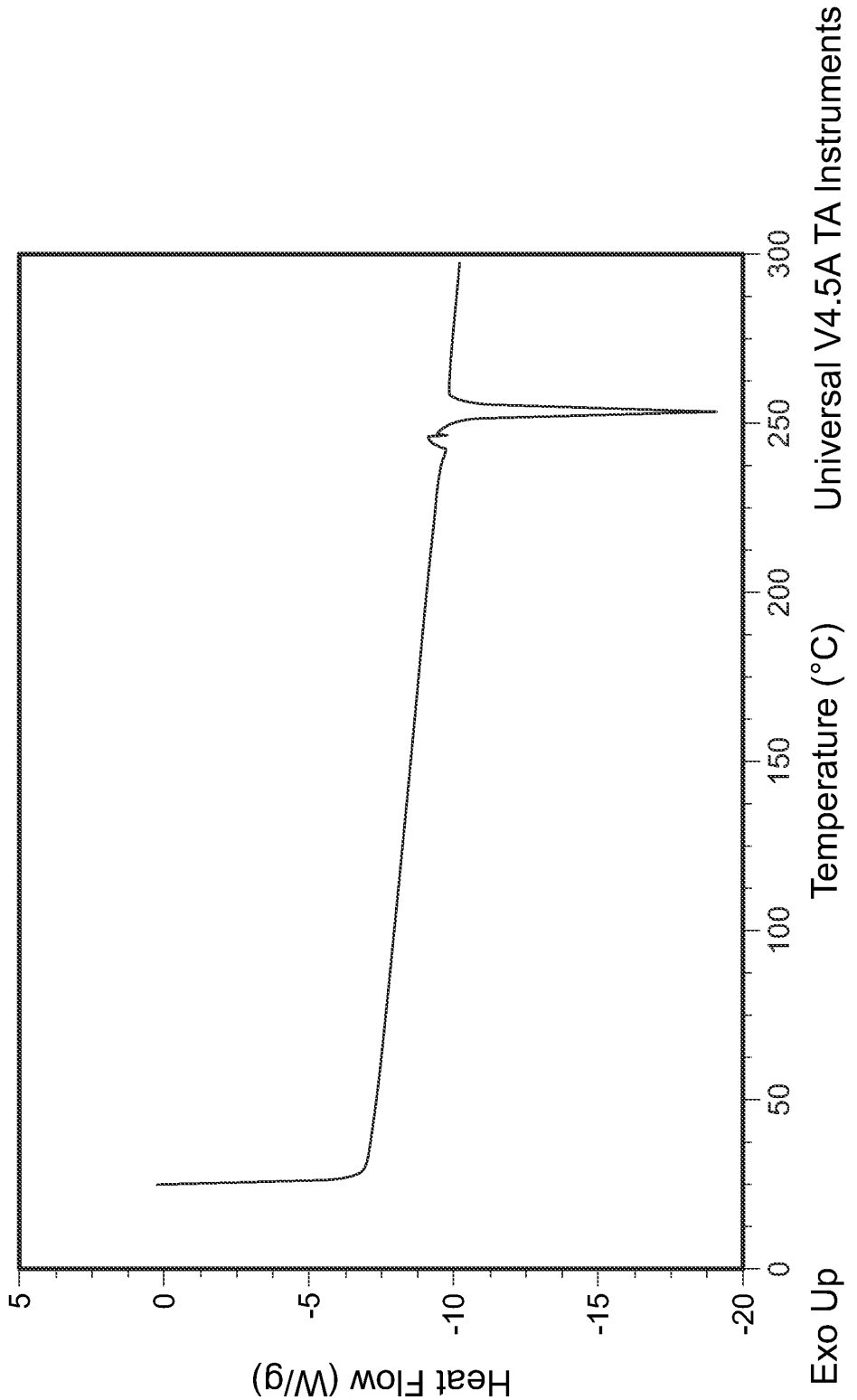

Universal V4.5A TA Instruments
Exo Up
Heat Flow (W/g)
5
0
-5
-10
-15
-20
0
50
100
150
200
250
300
Temperature (°C)

FIG. 9

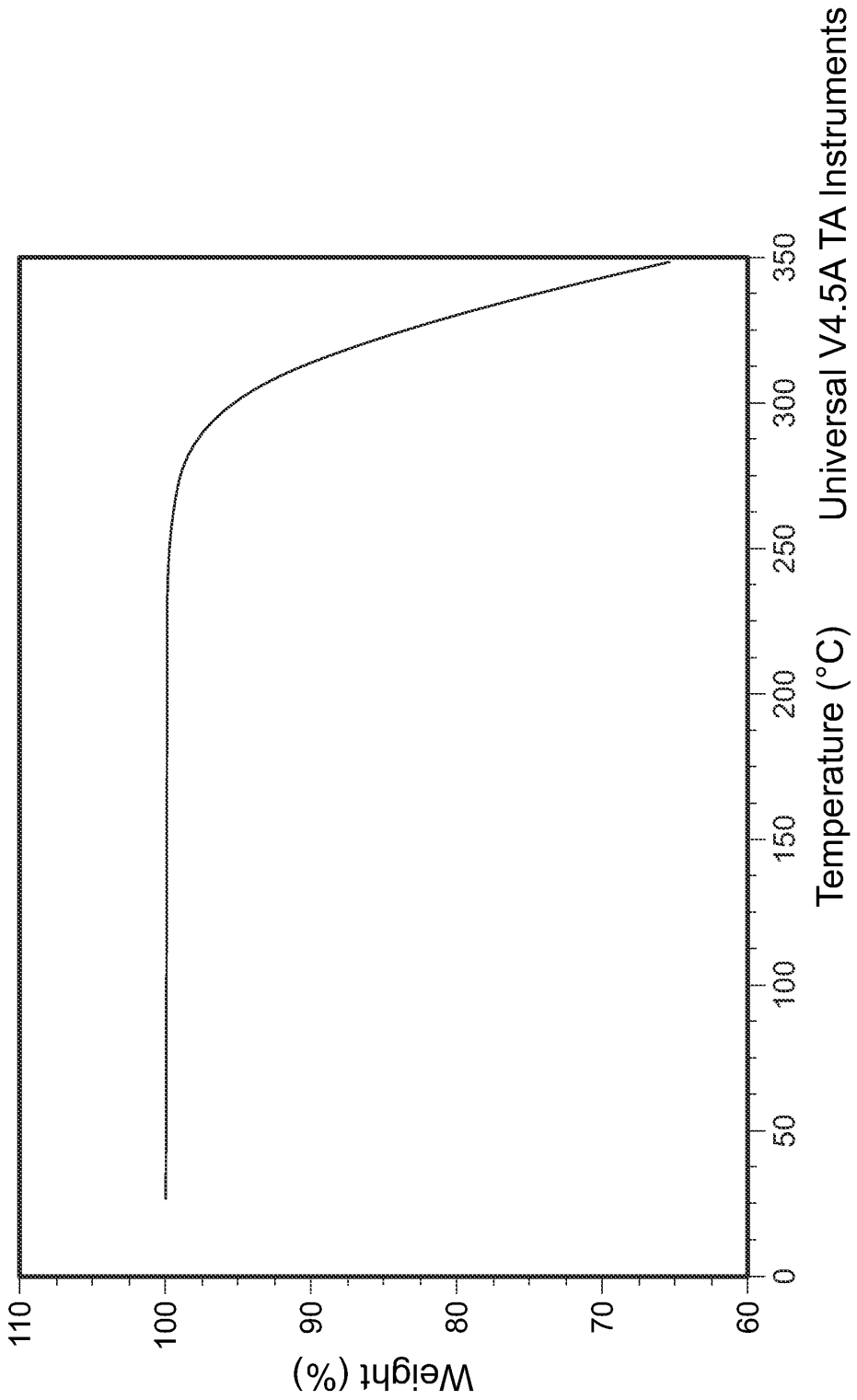

Universal V4.5A TA Instruments
Weight (%)
110
100
90
80
70
60
0
50
100
150
200
250
300
350
Temperature (°C)

FIG. 10

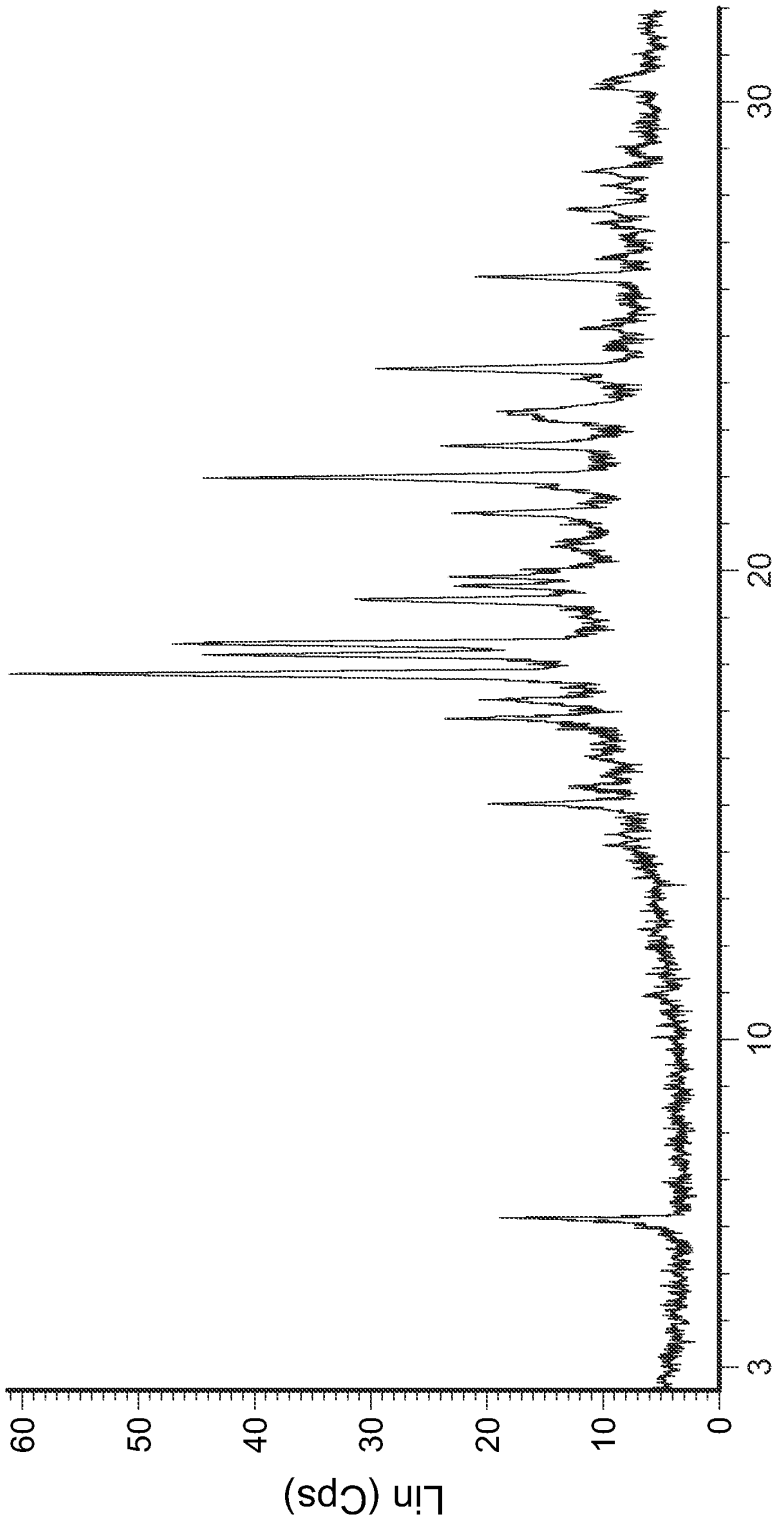


FIG. 11

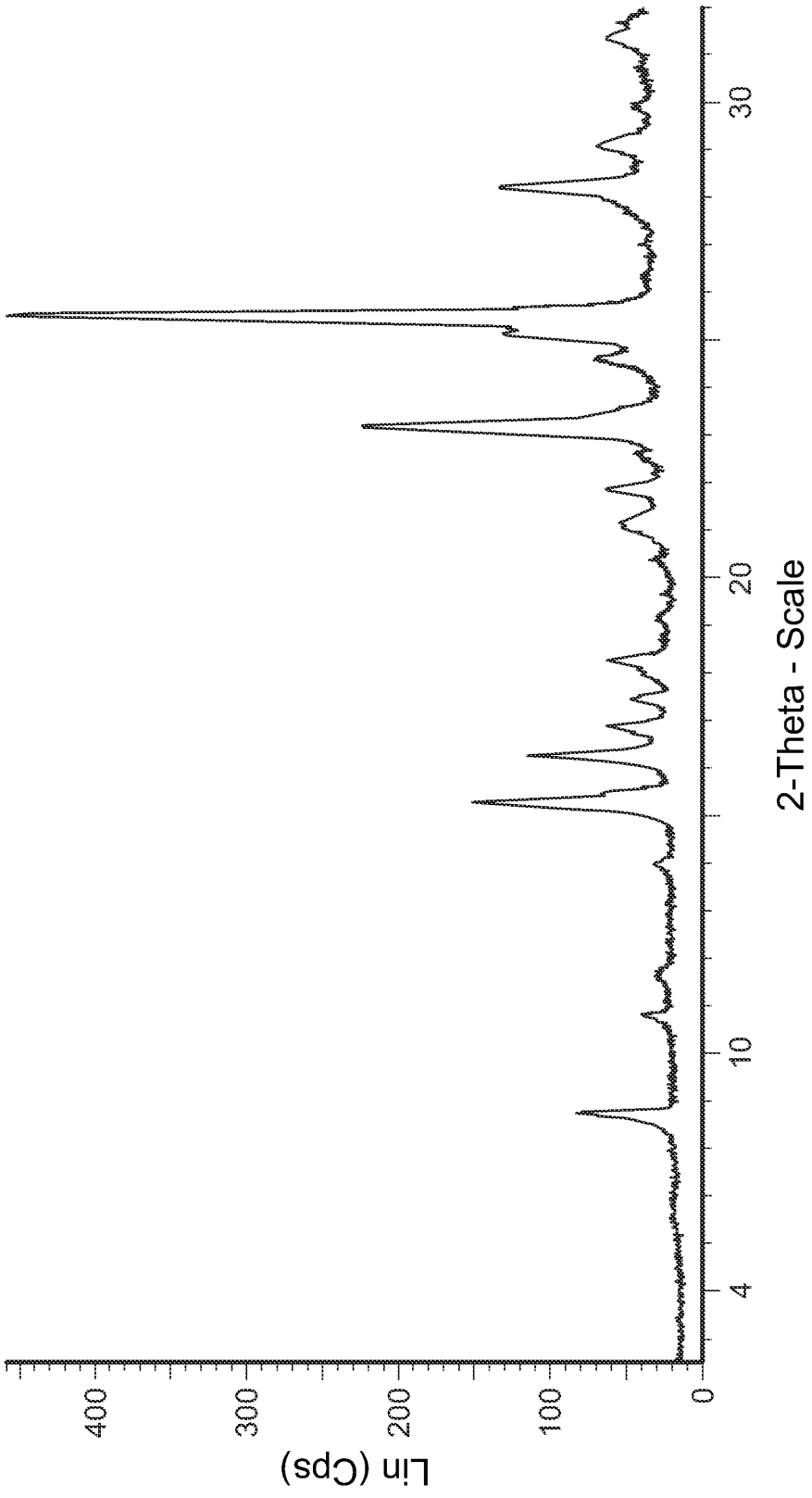


FIG. 12

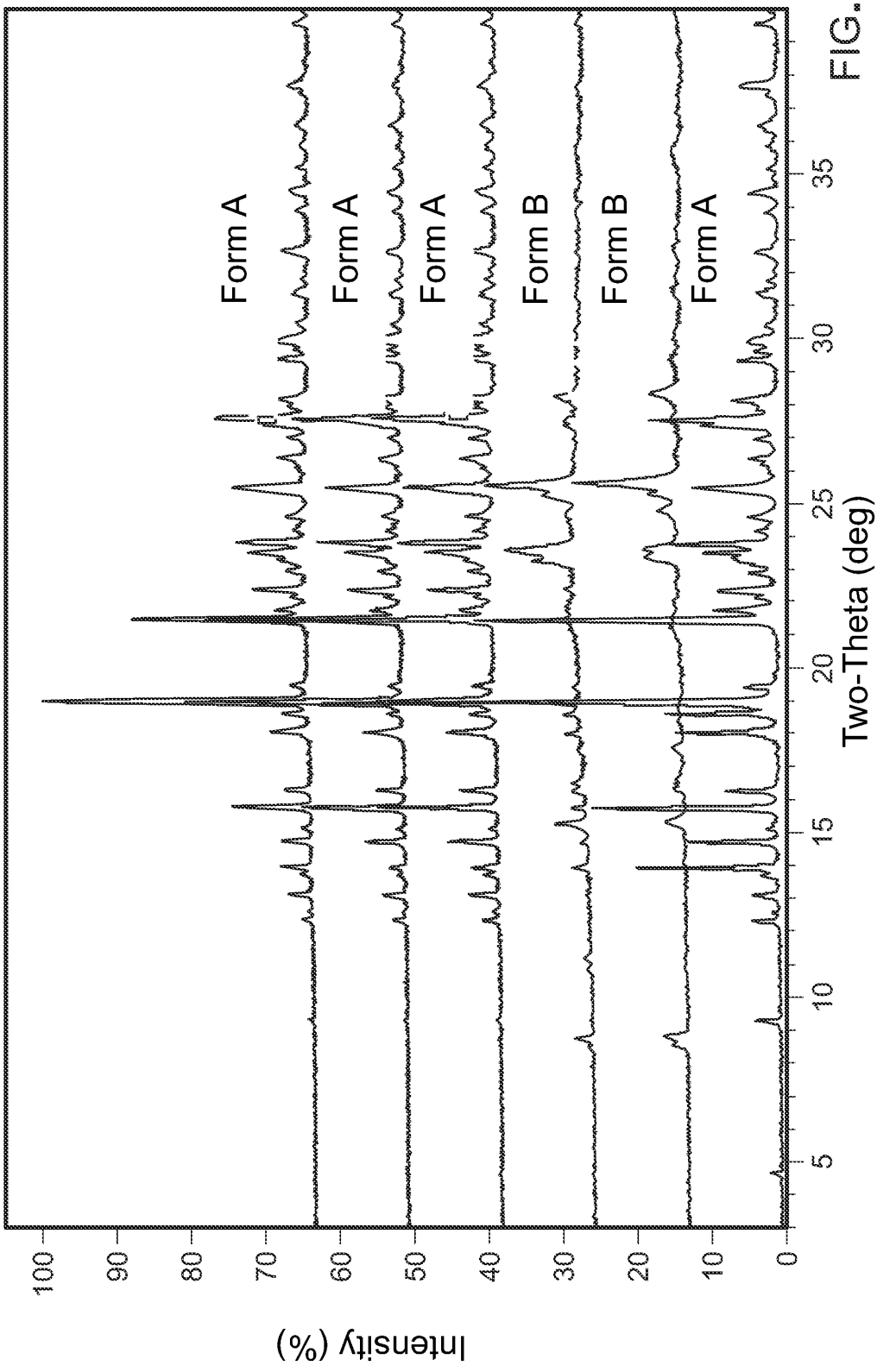

Form A
Form A
Form A
Form B
Form B
Form A
Intensity (%)
Two-Theta (deg)
0
10
20
30
40
50
60
70
80
90
100
5
10
15
20
25
30
35

FIG. 13

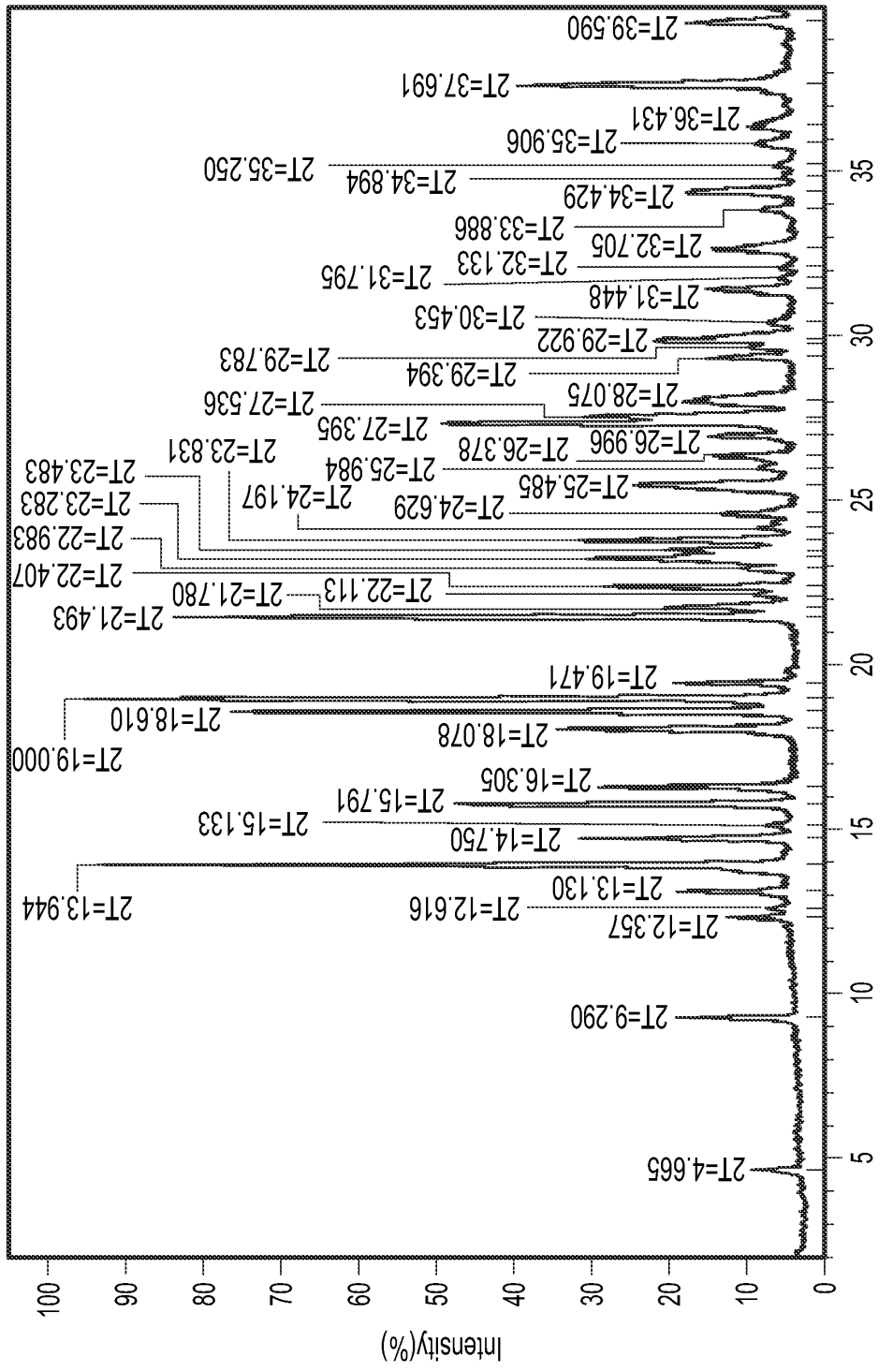

2T=4.665
2T=9.290
2T=12.357
2T=12.616
2T=13.130
2T=13.944
2T=14.750
2T=15.133
2T=15.791
2T=16.305
2T=18.078
2T=18.610
2T=19.000
2T=19.471
2T=21.493
2T=21.780
2T=22.113
2T=22.407
2T=22.983
2T=23.283
2T=23.483
2T=23.831
2T=24.197
2T=24.629
2T=25.485
2T=25.984
2T=26.378
2T=26.996
2T=27.395
2T=27.536
2T=28.075
2T=29.394
2T=29.783
2T=29.922
2T=30.453
2T=31.448
2T=31.795
2T=32.133
2T=32.705
2T=33.886
2T=34.429
2T=34.894
2T=35.250
2T=35.906
2T=36.431
2T=37.691
2T=39.590
Intensity(%)
0
10
20
30
40
50
60
70
80
90
100
Two-Theta (deg)
5
10
15
20
25
30
35

FIG. 14

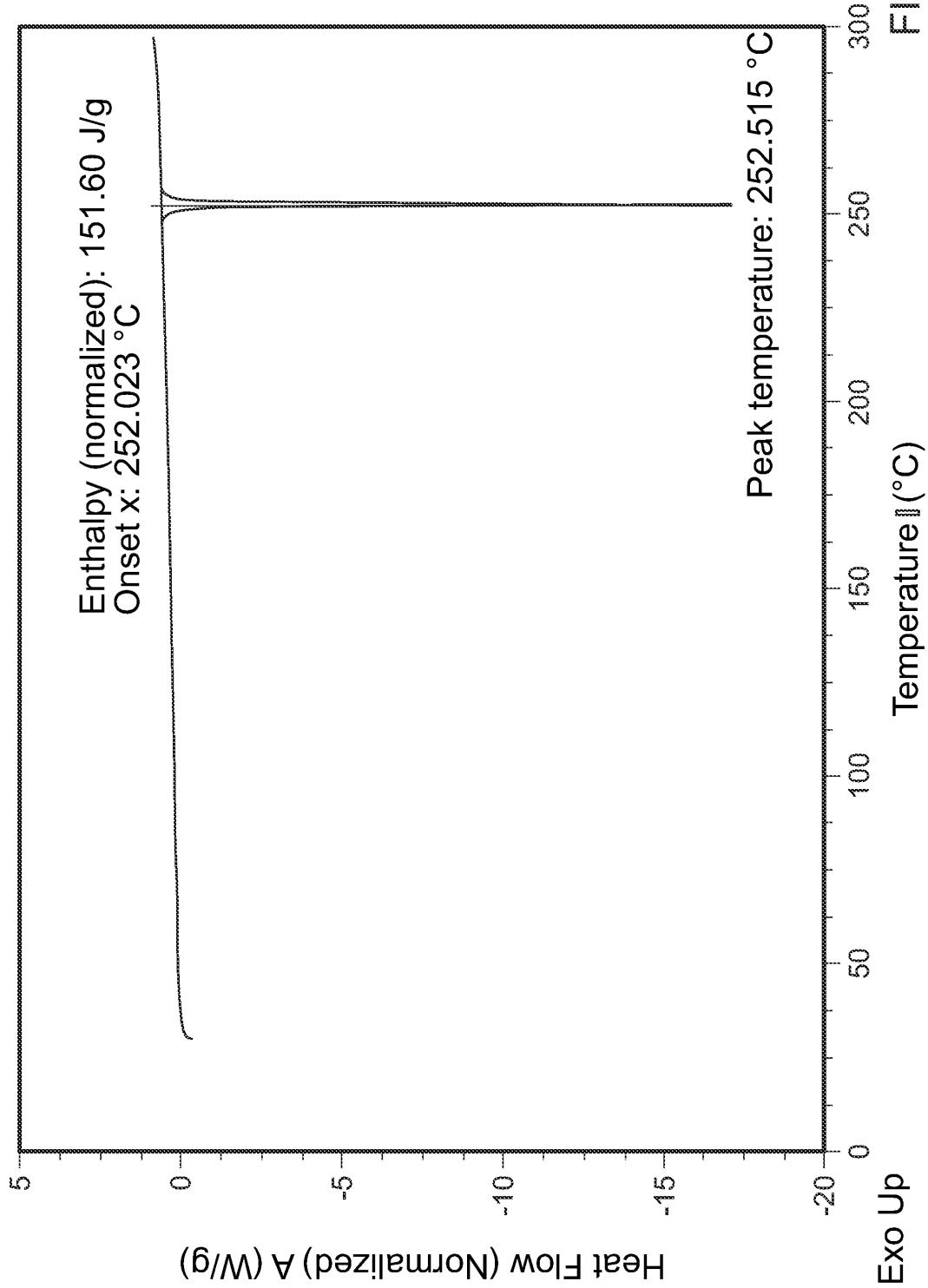

Enthalpy (normalized): 151.60 J/g
Onset x: 252.023 °C
Peak temperature: 252.515 °C
Heat Flow (Normalized) A (W/g)
Exo Up
Temperature (°C)
5
0
-5
-10
-15
-20
0
50
100
150
200
250
300

FIG. 15

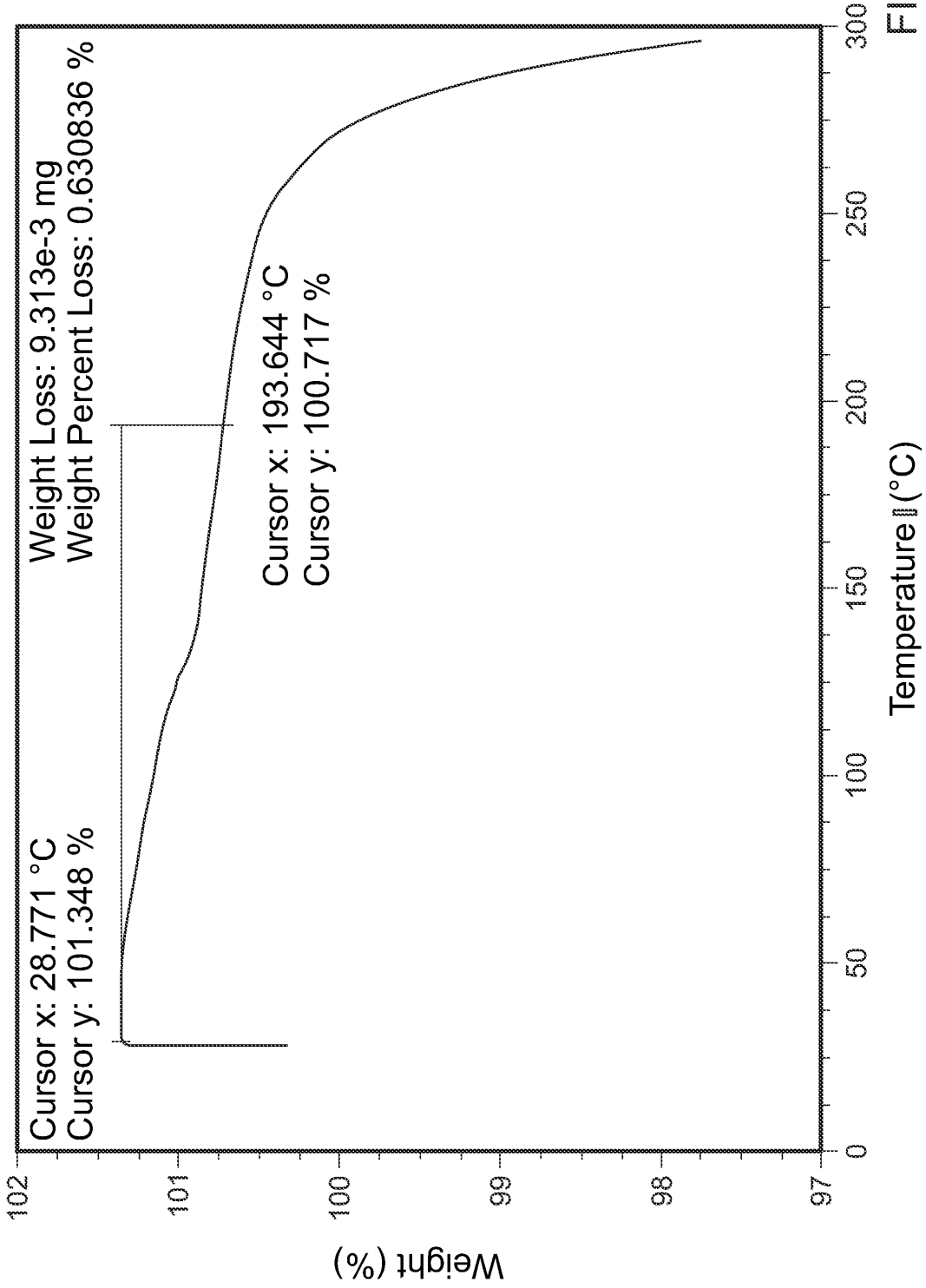

Cursor x: 28.771 °C
Cursor y: 101.348 %
Weight Loss: 9.313e-3 mg
Weight Percent Loss: 0.630836 %
Cursor x: 193.644 °C
Cursor y: 100.717 %
Weight (%)
Temperature (°C)
102
101
100
99
98
97
0
50
100
150
200
250
300

FIG. 16

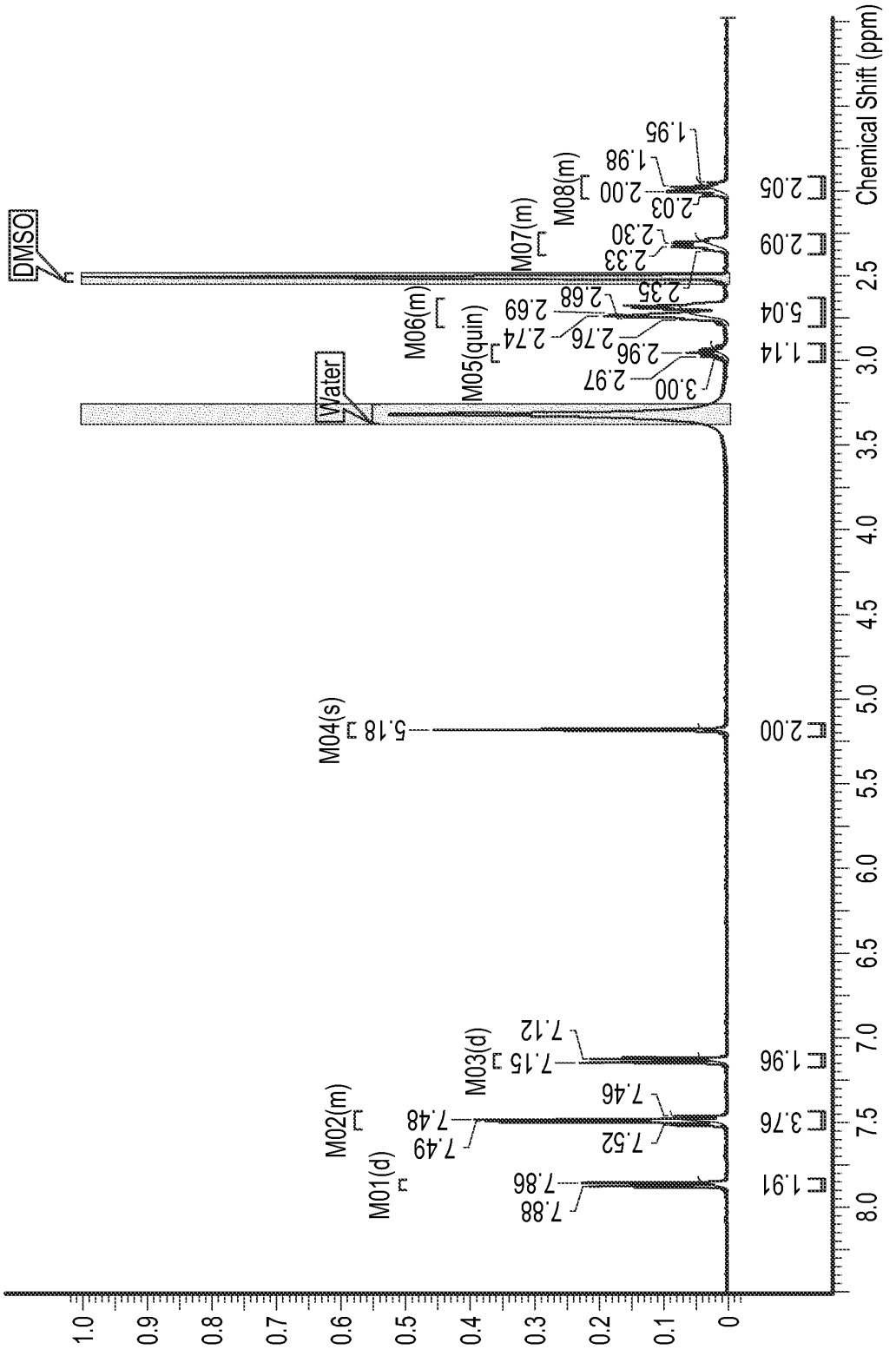

DMSO
Water
M01(d)
M02(m)
M03(d)
M04(s)
M05(quin)
M06(m)
M07(m)
M08(m)
7.88
7.86
7.52
7.49
7.48
7.46
7.15
7.12
5.18
3.00
2.97
2.96
2.76
2.74
2.69
2.68
2.35
2.33
2.30
2.03
2.00
1.98
1.95
1.91
3.76
1.96
2.00
1.14
5.04
2.09
2.05
Chemical Shift (ppm)
8.0
7.5
7.0
6.5
6.0
5.5
5.0
4.5
4.0
3.5
3.0
2.5
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0

FIG. 17

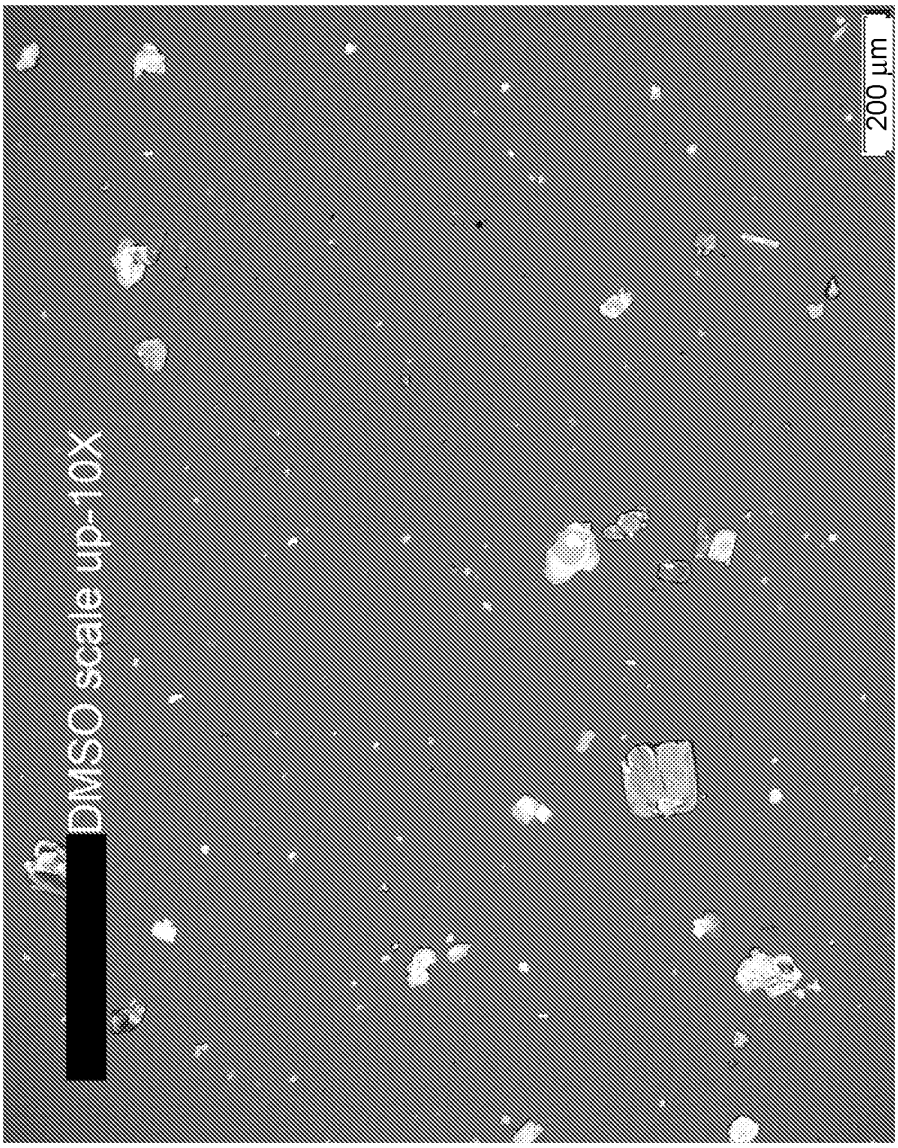


FIG. 18

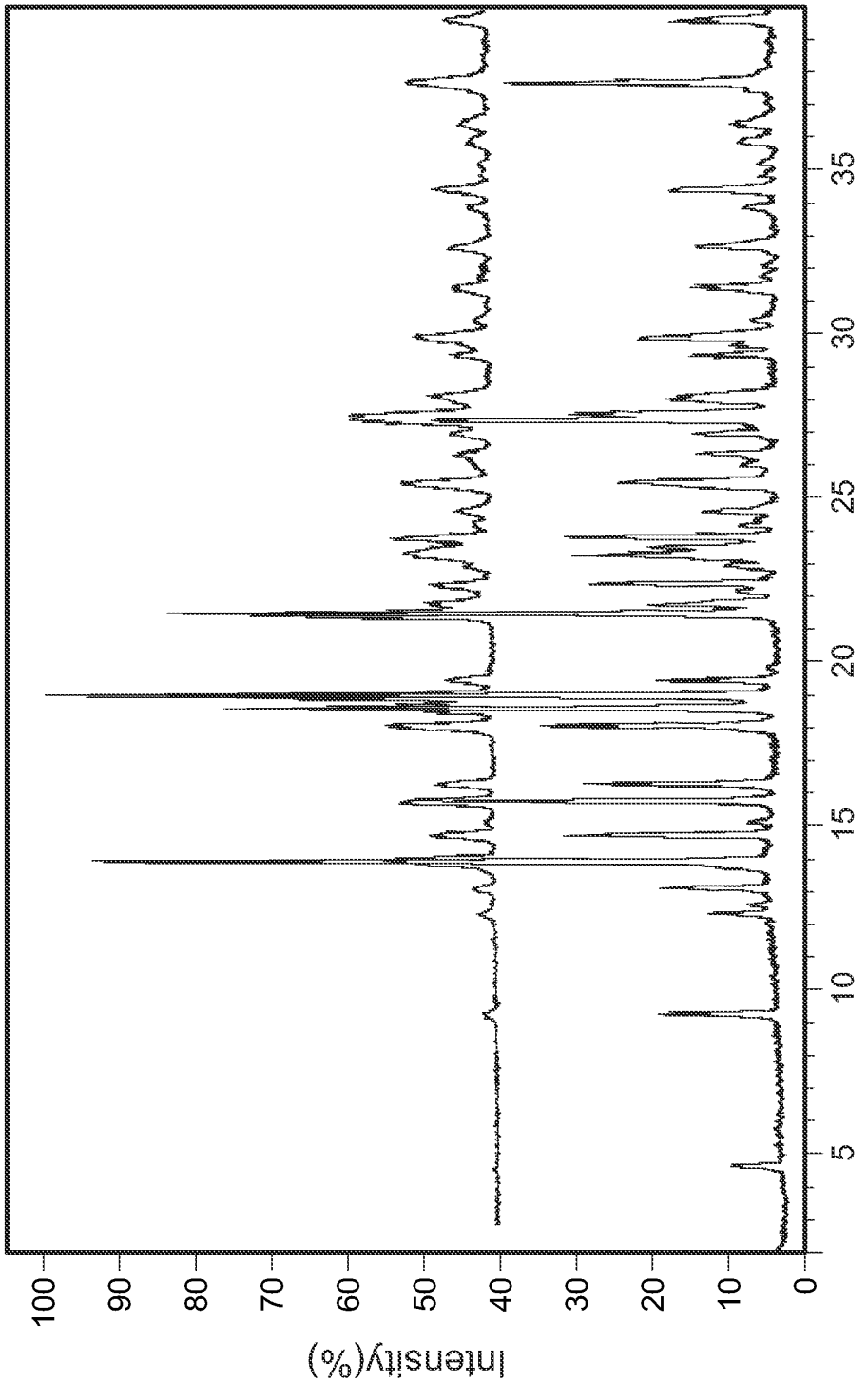

Intensity(%)
100
90
80
70
60
50
40
30
20
10
0
5
10
15
20
25
30
35
Two-Theta (deg)

FIG. 19

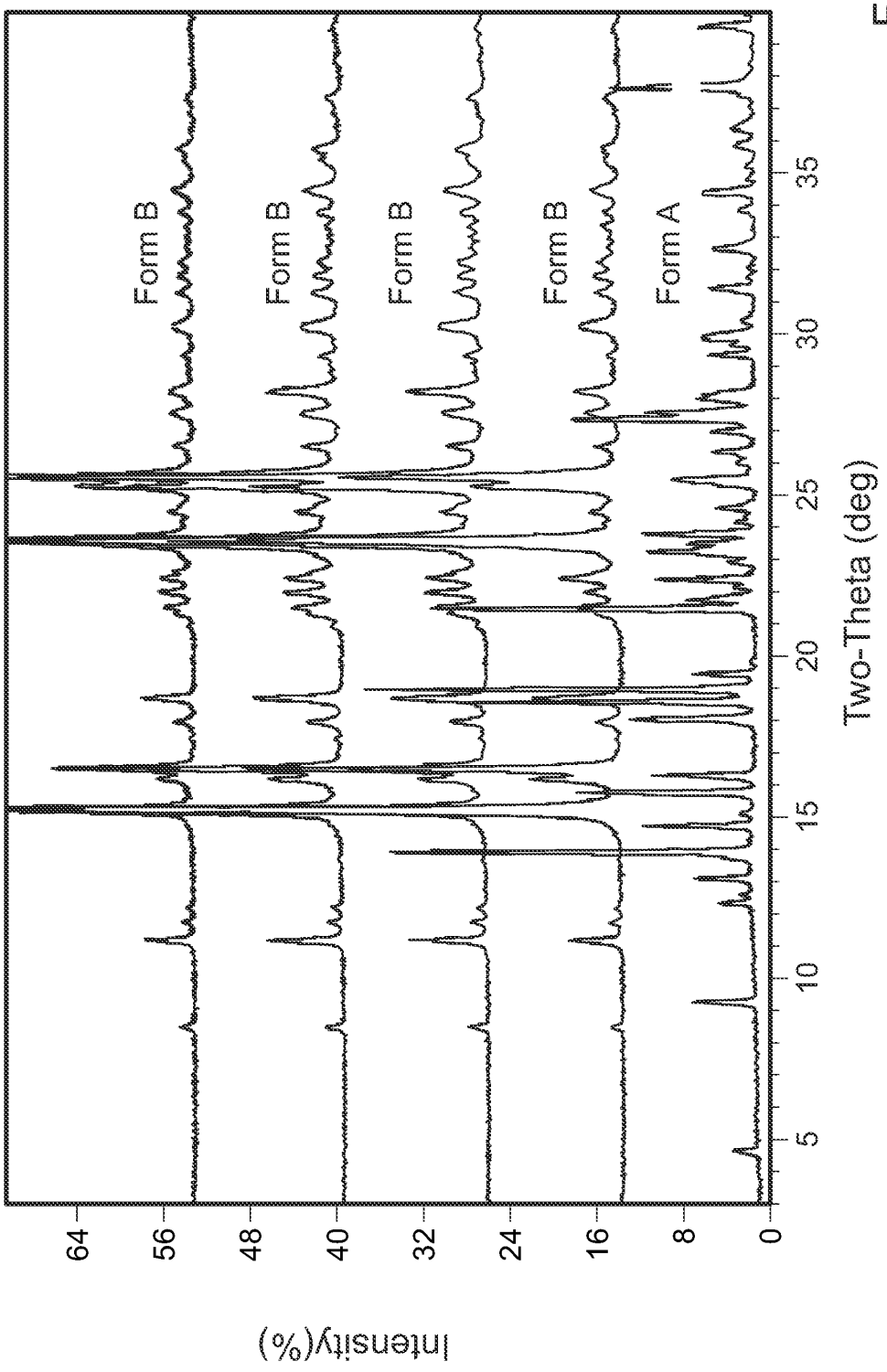

Form B
Form B
Form B
Form B
Form A
Intensity(%)
0
8
16
24
32
40
48
56
64
5
10
15
20
25
30
35
Two-Theta (deg)

FIG. 20A

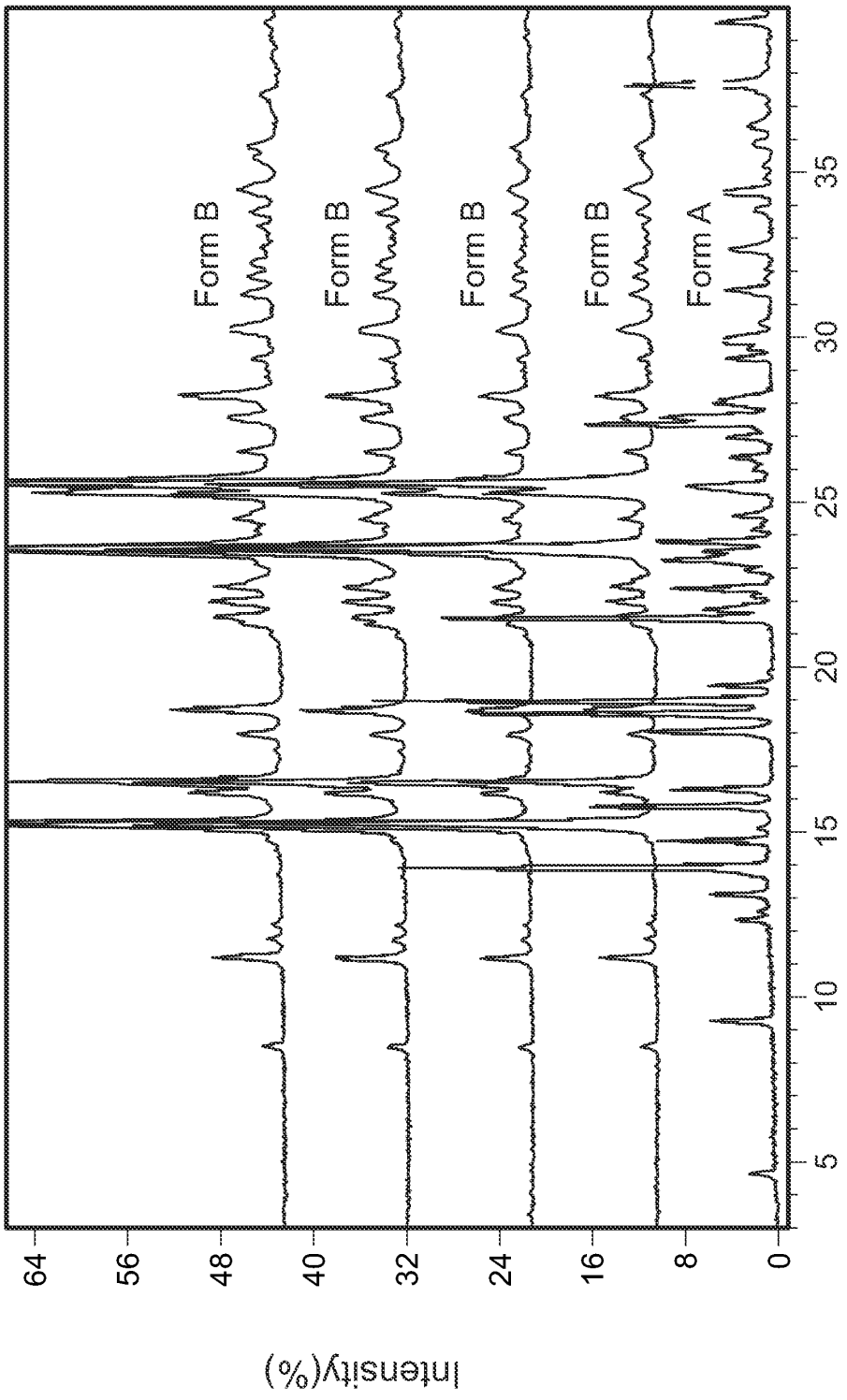

Form B
Form B
Form B
Form B
Form A
Intensity(%)
0
8
16
24
32
40
48
56
64
5
10
15
20
25
30
35
Two-Theta (deg)

FIG. 20B

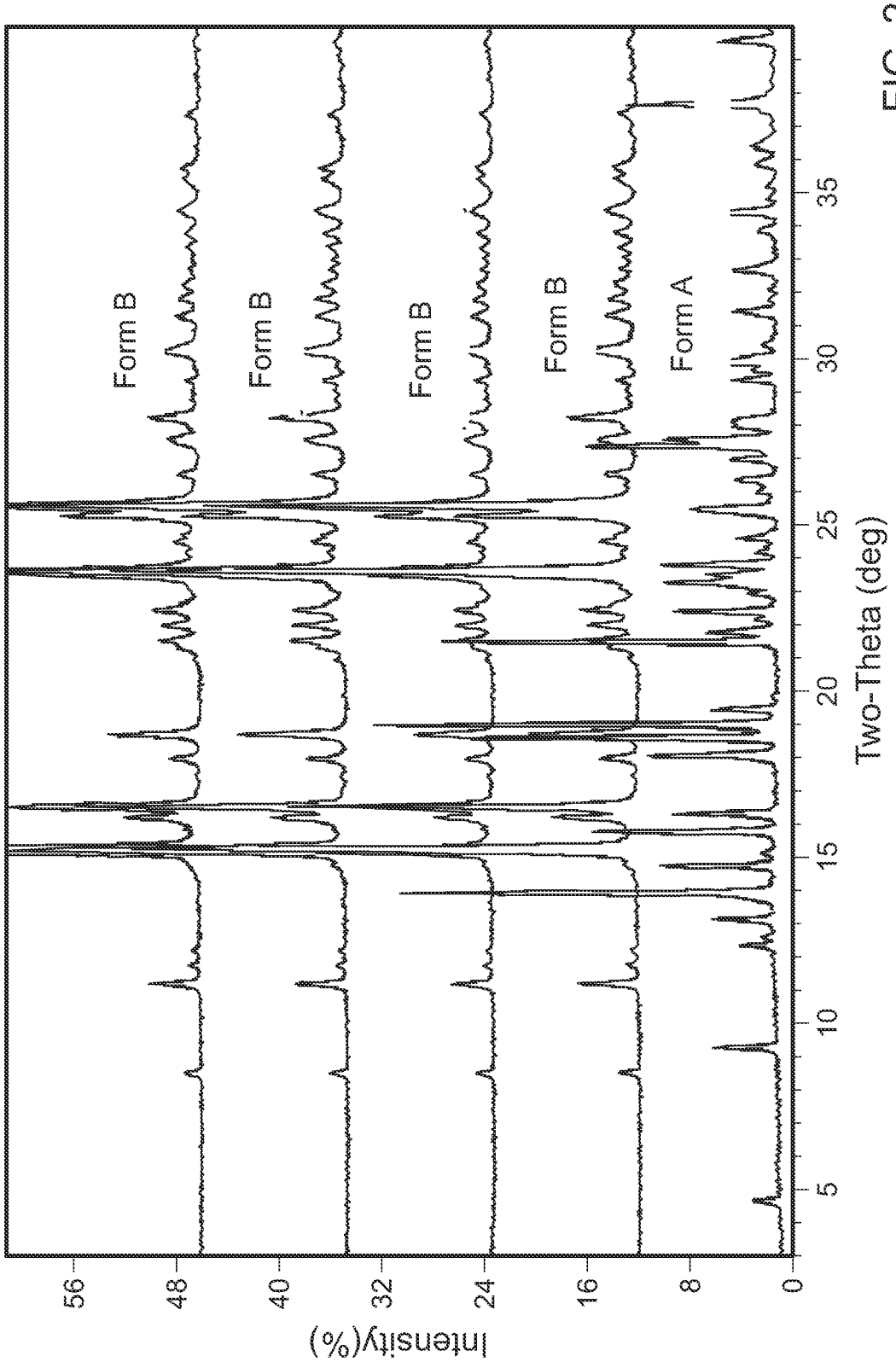

Form B
Form B
Form B
Form B
Form A
Intensity(%)
0
8
16
24
32
40
48
56
Two-Theta (deg)
5
10
15
20
25
30
35

FIG. 21A

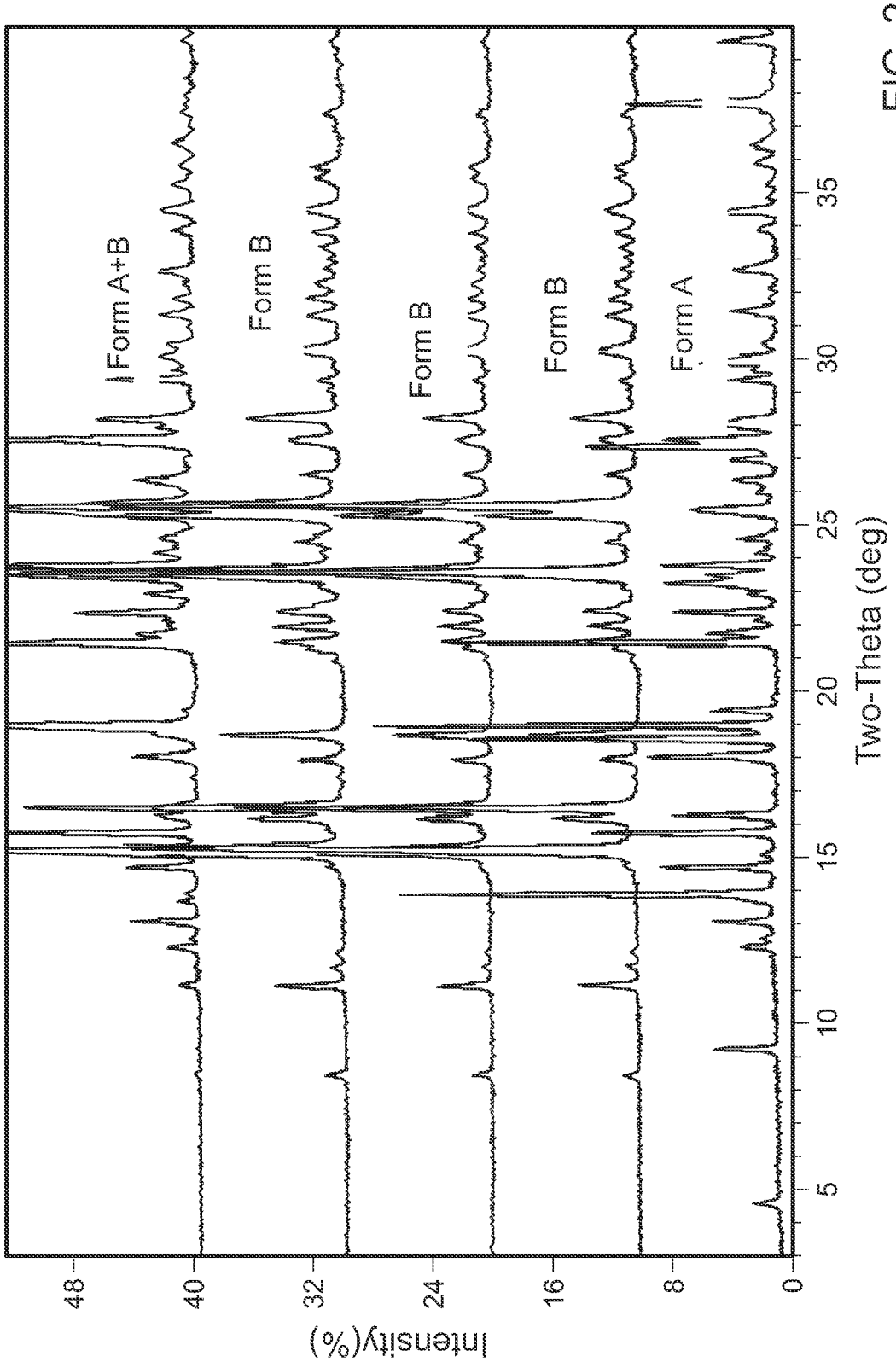

Form A+B
Form B
Form B
Form B
Form A
Intensity(%)
0
8
16
24
32
40
48
Two-Theta (deg)
5
10
15
20
25
30
35

FIG. 21B