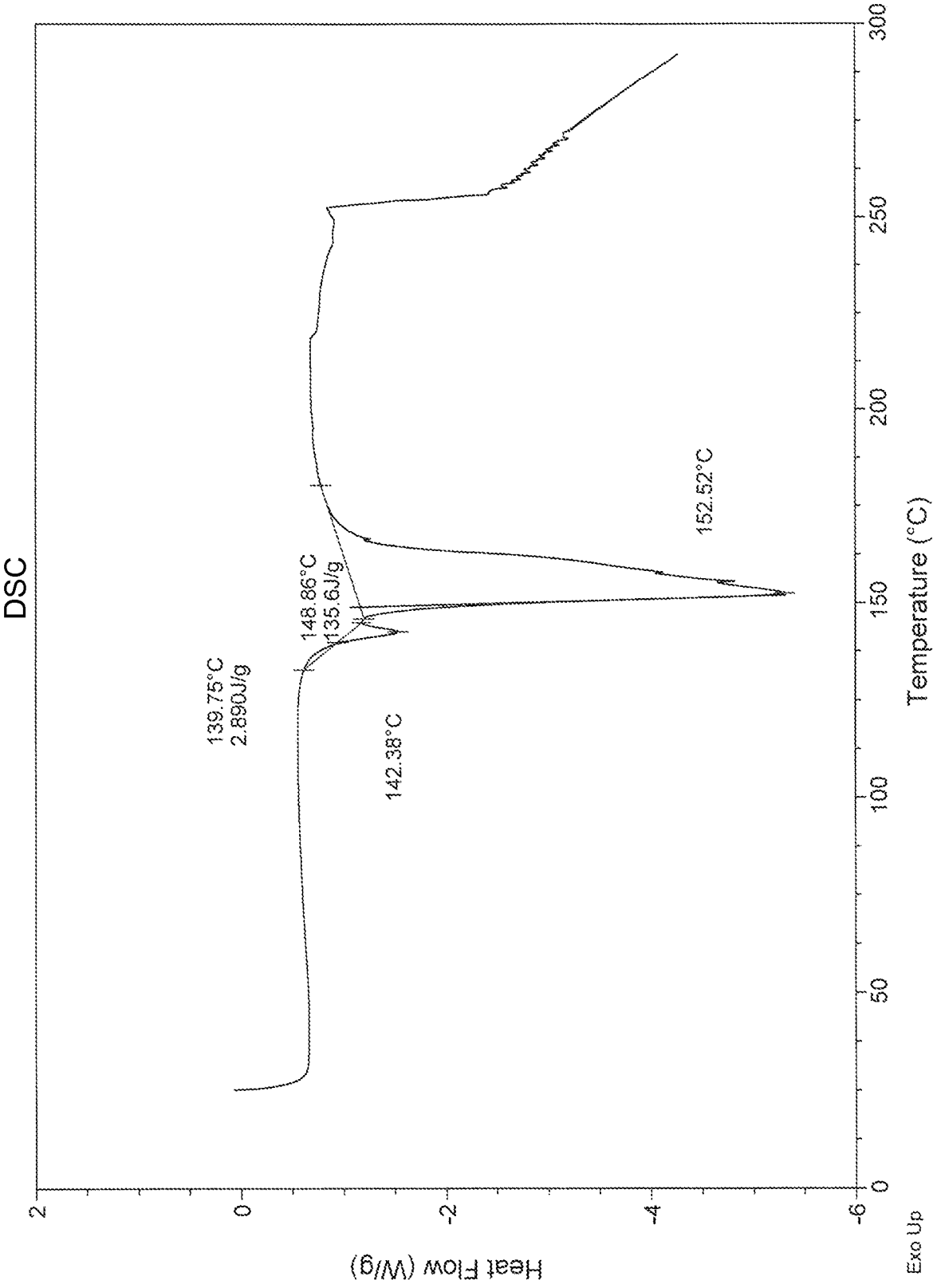

DSC
139.75°C
2.890J/g
148.86°C
135.6J/g
142.38°C
152.52°C
Heat Flow (W/g)
Temperature (°C)
Exo Up
2
0
-2
-4
-6
0
50
100
150
200
250
300

FIG. 1

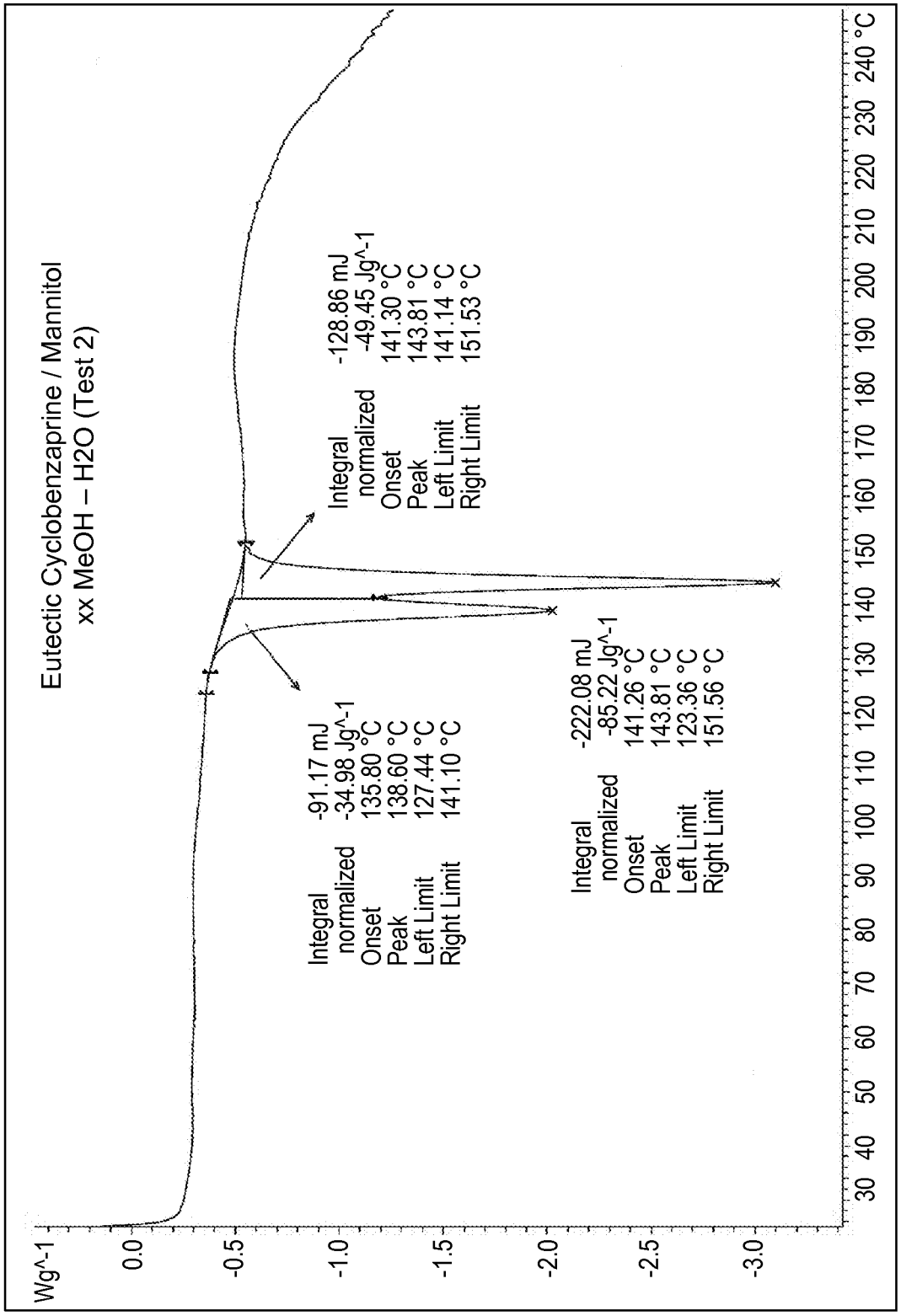

DSC of Eutectic (xx MeOH/Water)
Eutectic Cyclobenzaprine / Mannitol
xx MeOH – H2O (Test 2)
Wg^-1
0.0
-0.5
-1.0
-1.5
-2.0
-2.5
-3.0
30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 °C
Integral -91.17 mJ
normalized -34.98 Jg^-1
Onset 135.80 °C
Peak 138.60 °C
Left Limit 127.44 °C
Right Limit 141.10 °C
Integral -222.08 mJ
normalized -85.22 Jg^-1
Onset 141.26 °C
Peak 143.81 °C
Left Limit 123.36 °C
Right Limit 151.56 °C
Integral -128.86 mJ
normalized -49.45 Jg^-1
Onset 141.30 °C
Peak 143.81 °C
Left Limit 141.14 °C
Right Limit 151.53 °C

FIG. 2

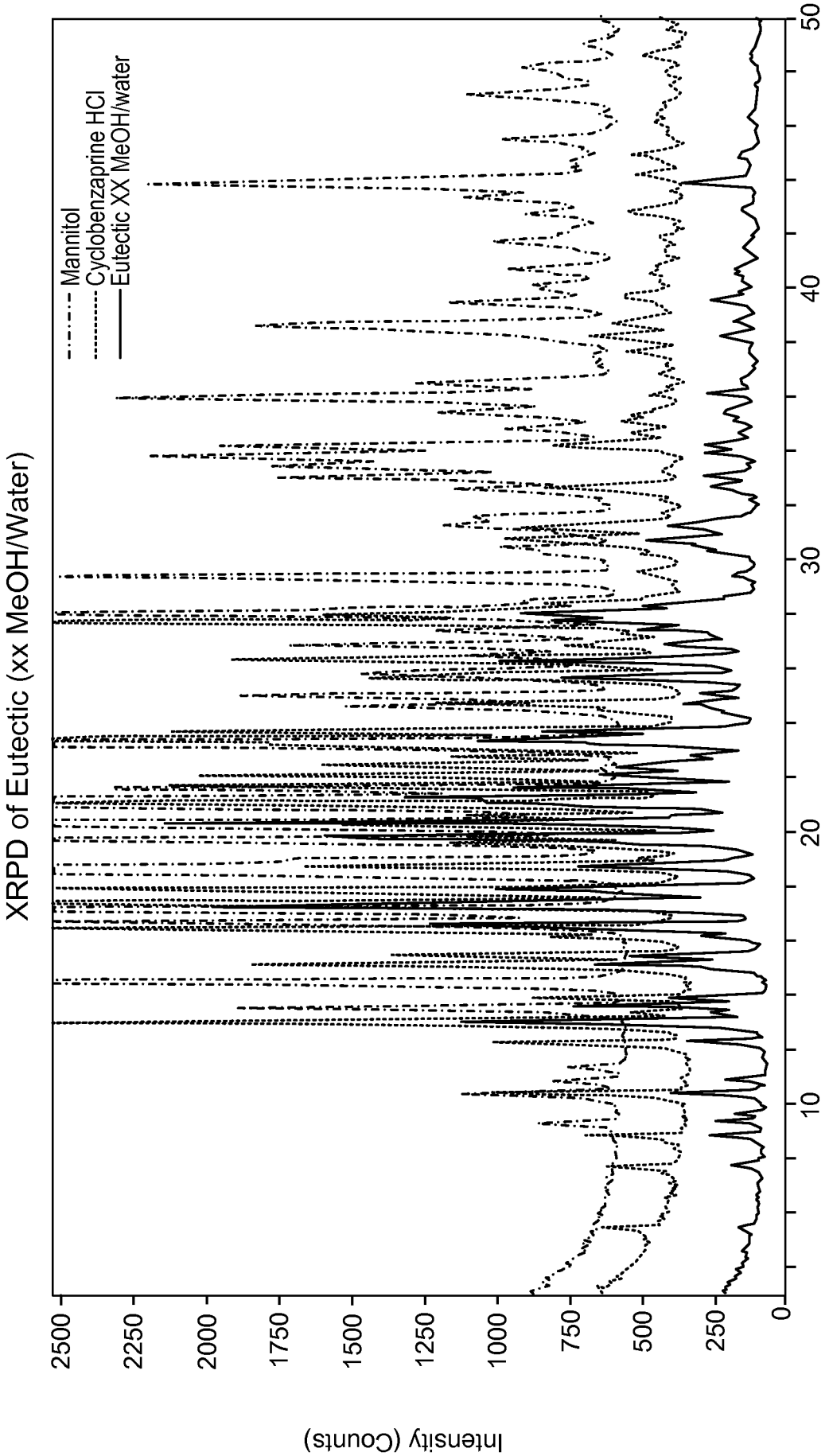

XRPD of Eutectic (xx MeOH/Water)
Mannitol
Cyclobenzaprine HCl
Eutectic XX MeOH/water
Intensity (Counts)
2-Theta(°)
0
250
500
750
1000
1250
1500
1750
2000
2250
2500
10
20
30
40
50

FIG. 3

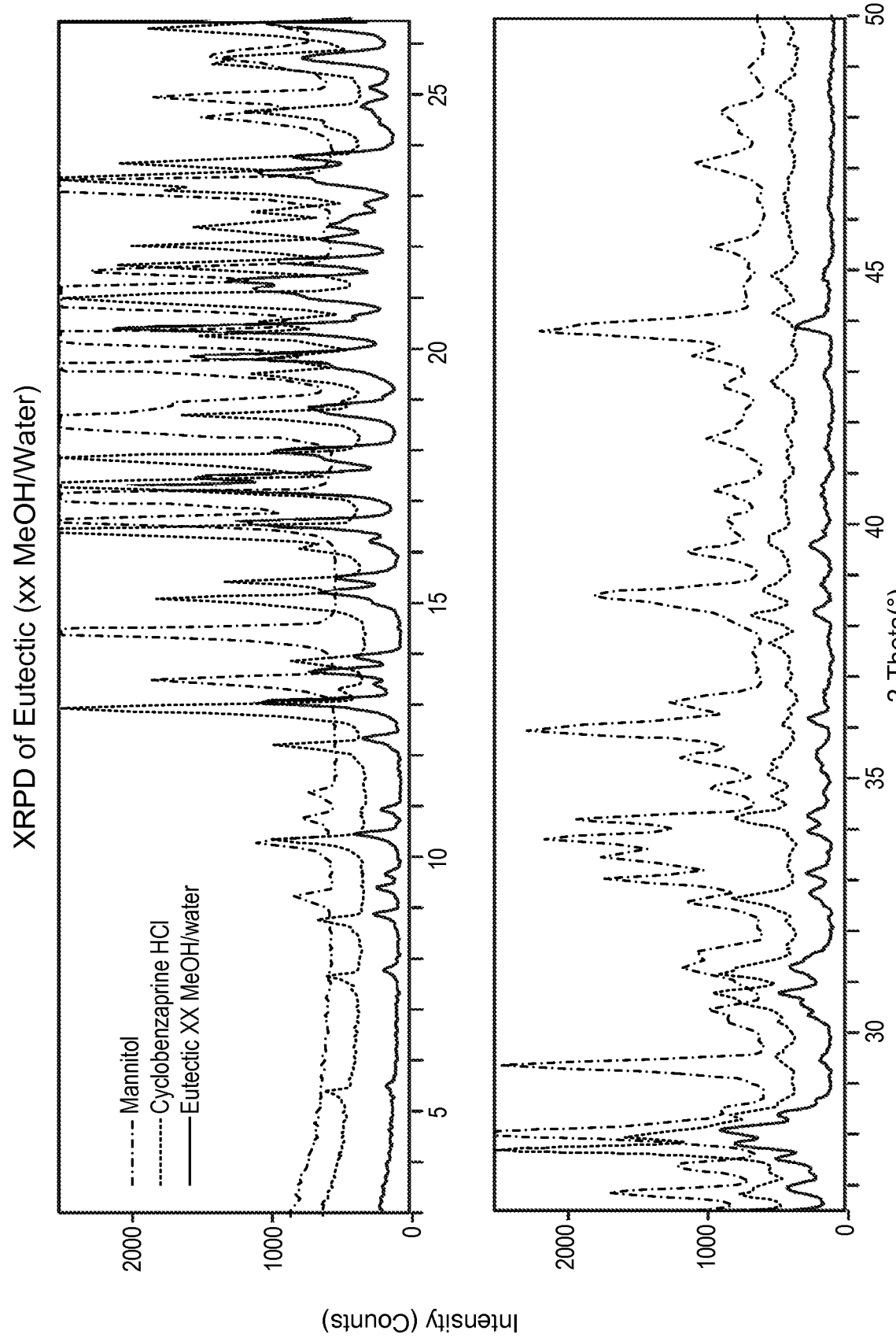

XRPD of Eutectic (xx MeOH/Water)
Mannitol
Cyclobenzaprine HCl
Eutectic XX MeOH/water
Intensity (Counts)
2-Theta(°)
0
1000
2000
5
10
15
20
25
30
35
40
45
50

FIG. 4

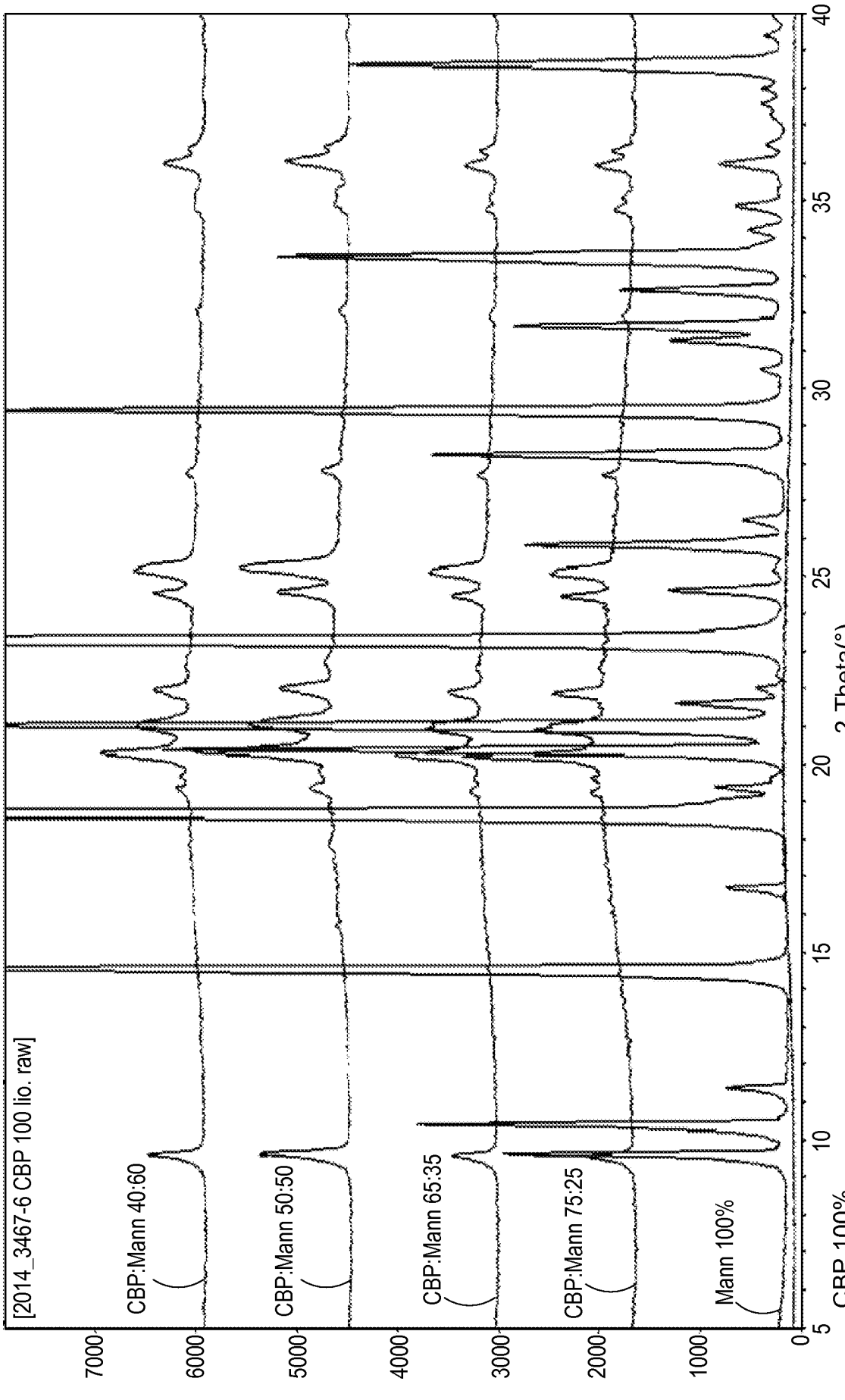

[2014_3467-6 CBP 100 lio. raw]
CBP:Mann 40:60
CBP:Mann 50:50
CBP:Mann 65:35
CBP:Mann 75:25
Mann 100%
CBP 100%
Intensity (Counts)
2-Theta(°)
0
1000
2000
3000
4000
5000
6000
7000
5
10
15
20
25
30
35
40

FIG. 5

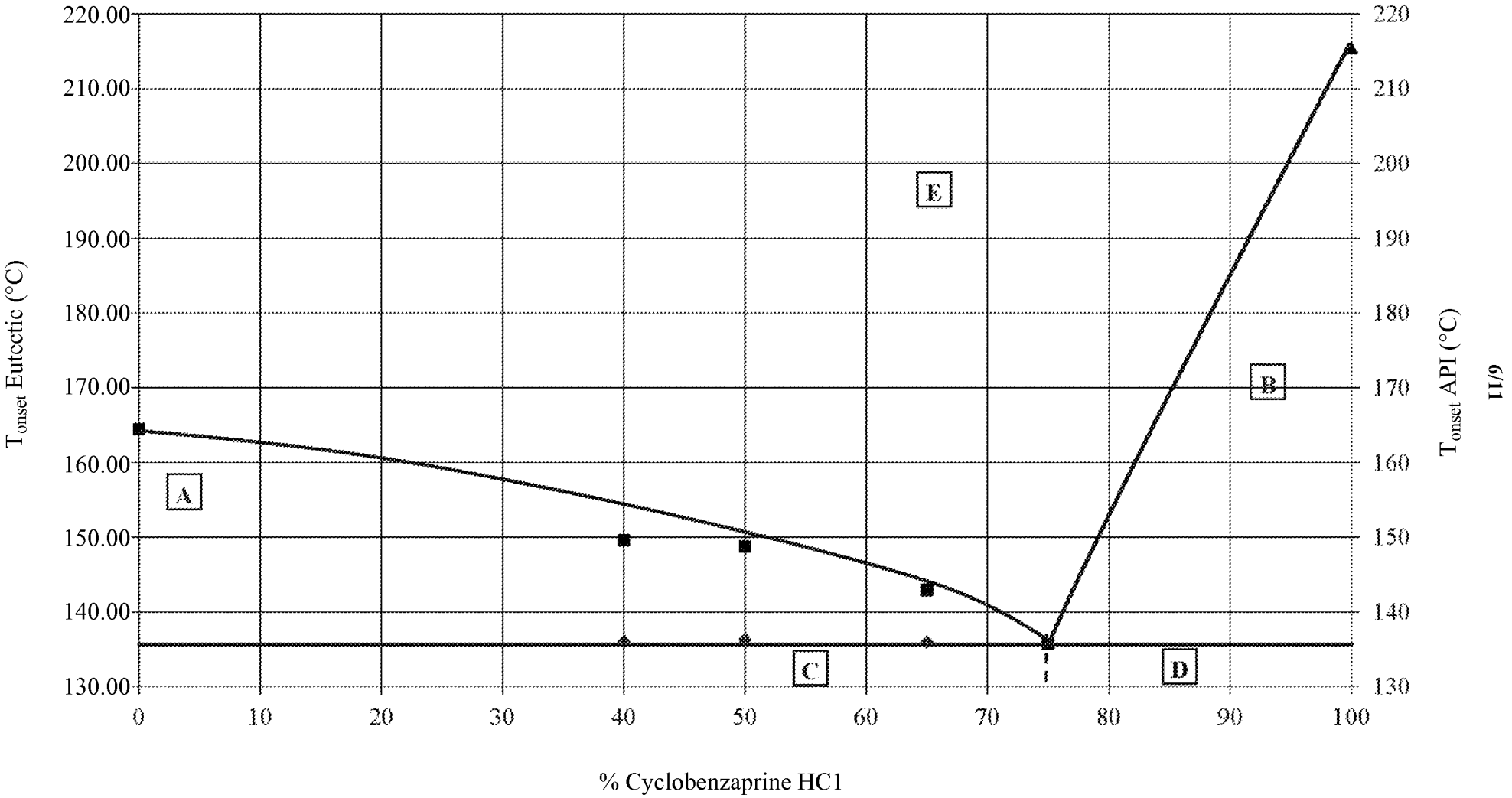

220.00
210.00
200.00
190.00
180.00
170.00
160.00
150.00
140.00
130.00
0
10
20
30
40
50
60
70
80
90
100
220
210
200
190
180
170
160
150
140
130
A
B
C
D
E
T_{onset} Eutectic (°C)
T_{onset} API (°C)
% Cyclobenzaprine HC1

FIG. 6

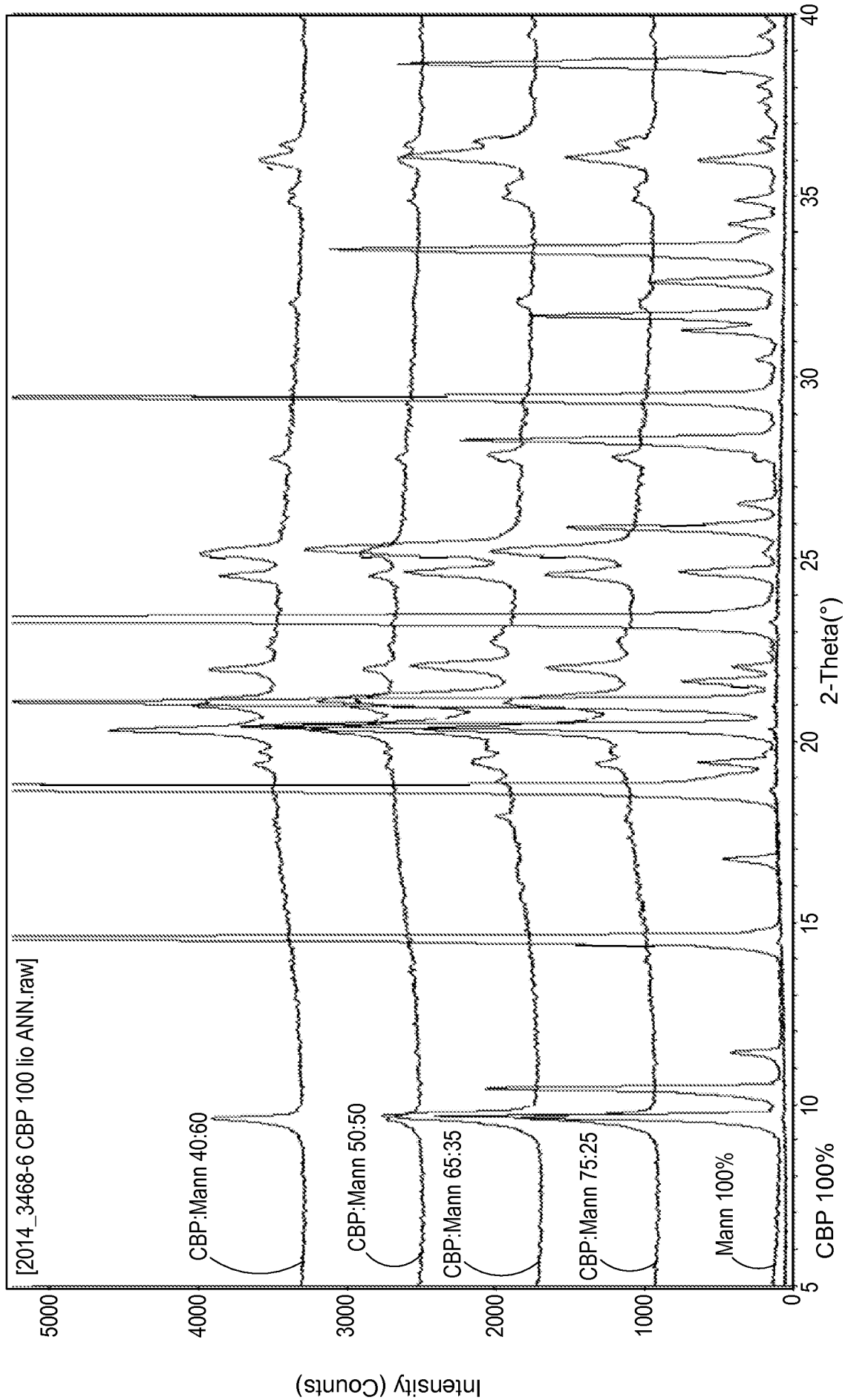

[2014_3468-6 CBP 100 lio ANN.raw]
CBP:Mann 40:60
CBP:Mann 50:50
CBP:Mann 65:35
CBP:Mann 75:25
Mann 100%
CBP 100%
Intensity (Counts)
2-Theta(°)
0
1000
2000
3000
4000
5000
5
10
15
20
25
30
35
40

FIG. 7

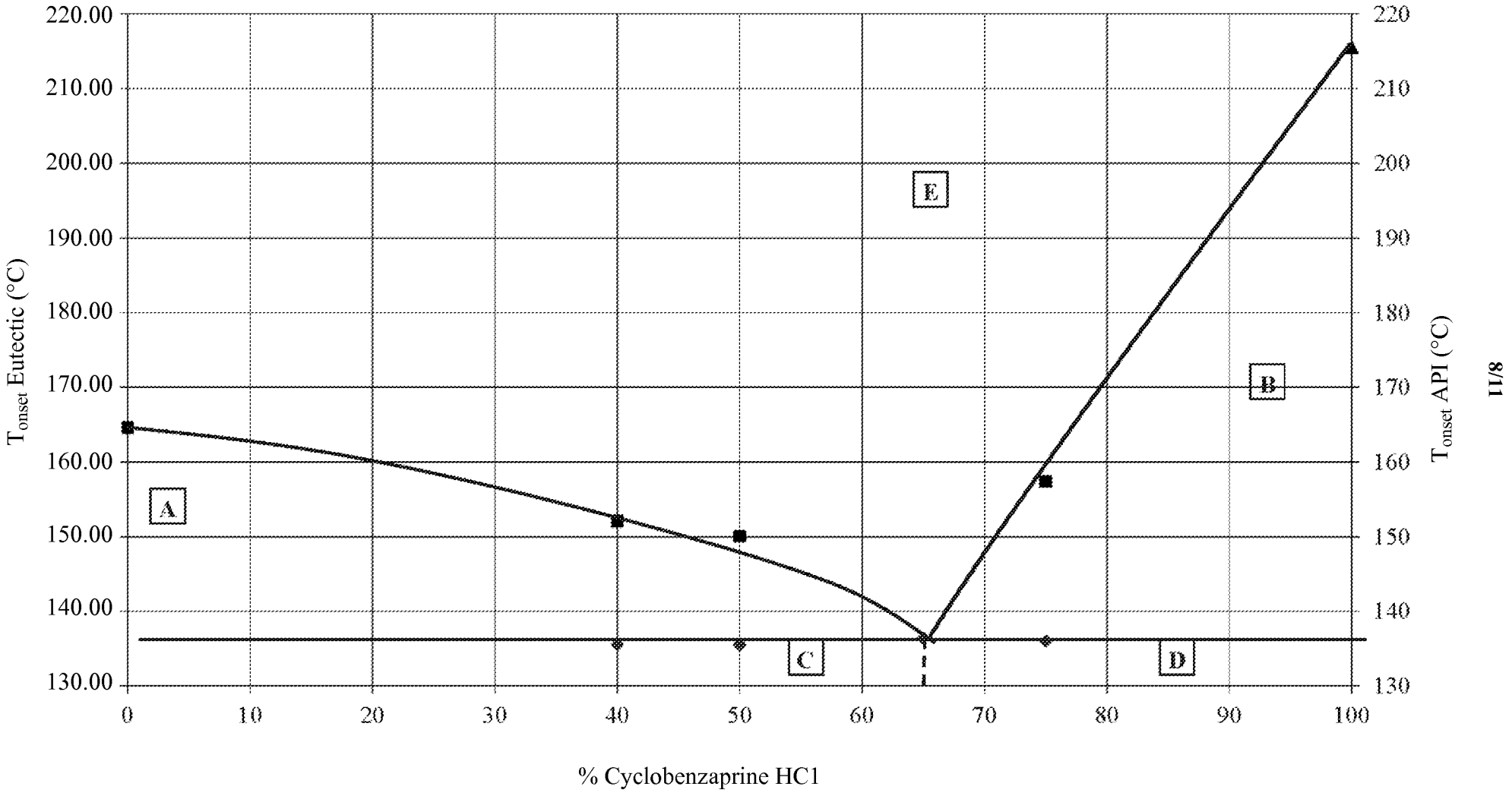

220.00
210.00
200.00
190.00
180.00
170.00
160.00
150.00
140.00
130.00
T_{onset} Eutectic (°C)
220
210
200
190
180
170
160
150
140
130
T_{onset} API (°C)
0
10
20
30
40
50
60
70
80
90
100
% Cyclobenzaprine HC1
A
B
C
D
E

FIG. 8

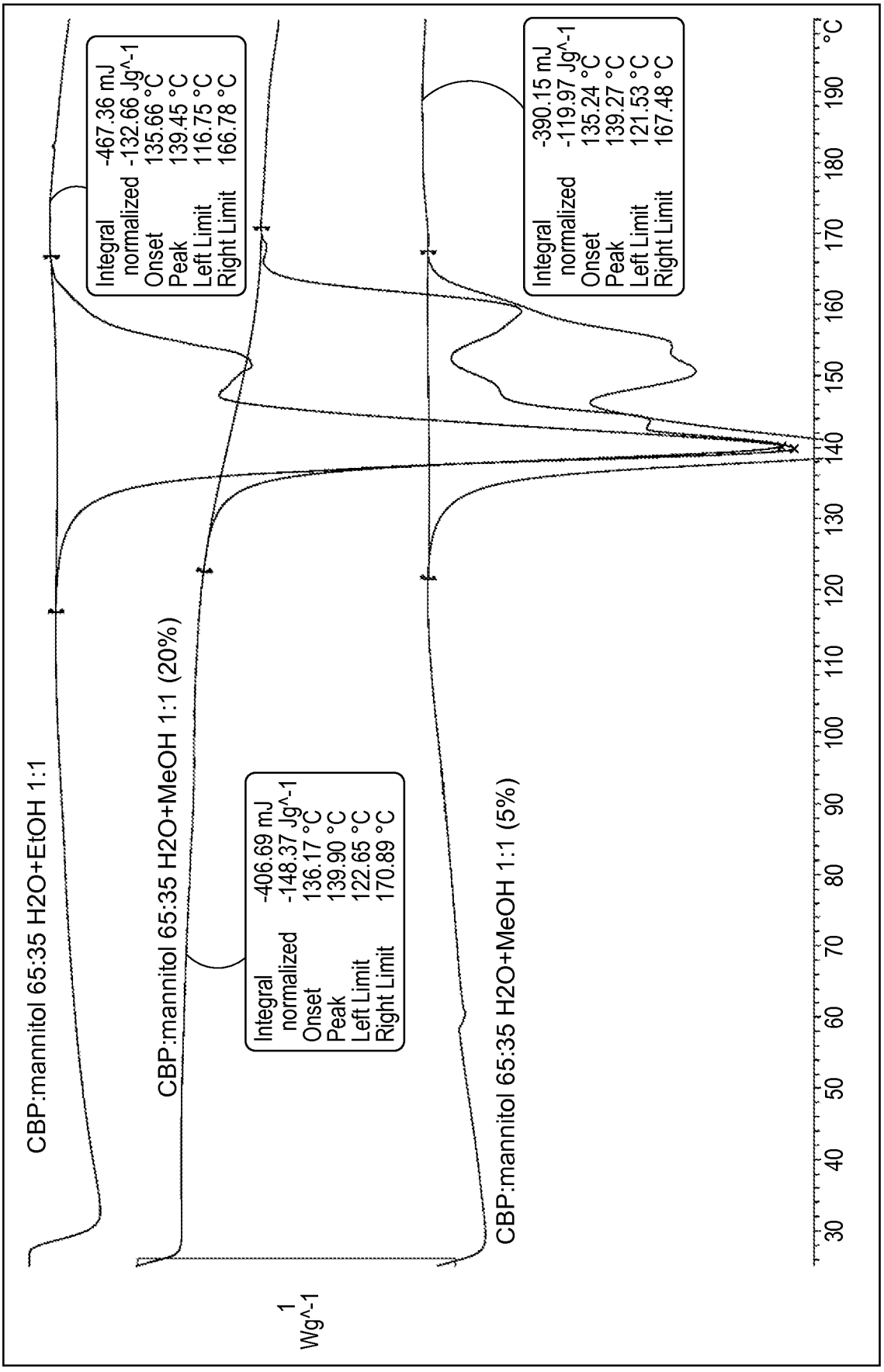

CBP:mannitol 65:35 H2O+EtOH 1:1
CBP:mannitol 65:35 H2O+MeOH 1:1 (20%)
CBP:mannitol 65:35 H2O+MeOH 1:1 (5%)
Integral -467.36 mJ
normalized -132.66 Jg^-1
Onset 135.66 °C
Peak 139.45 °C
Left Limit 116.75 °C
Right Limit 166.78 °C
Integral -406.69 mJ
normalized -148.37 Jg^-1
Onset 136.17 °C
Peak 139.90 °C
Left Limit 122.65 °C
Right Limit 170.89 °C
Integral -390.15 mJ
normalized -119.97 Jg^-1
Onset 135.24 °C
Peak 139.27 °C
Left Limit 121.53 °C
Right Limit 167.48 °C
1
Wg^-1
30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 °C

FIG. 9

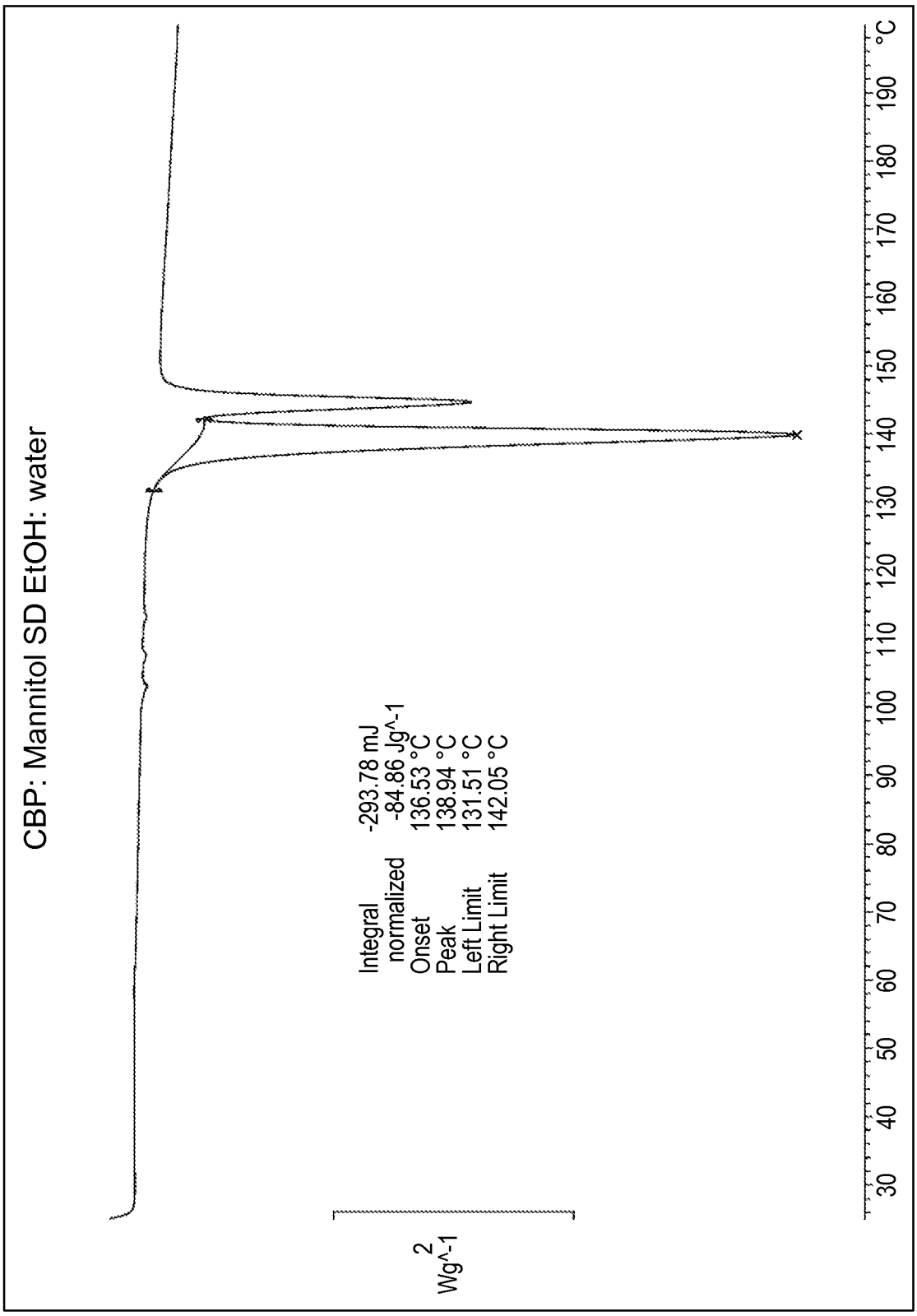

CBP: Mannitol SD EtOH: water
Integral -293.78 mJ
normalized -84.86 Jg^-1
Onset 136.53 °C
Peak 138.94 °C
Left Limit 131.51 °C
Right Limit 142.05 °C
2
Wg^-1
30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 °C

FIG. 10

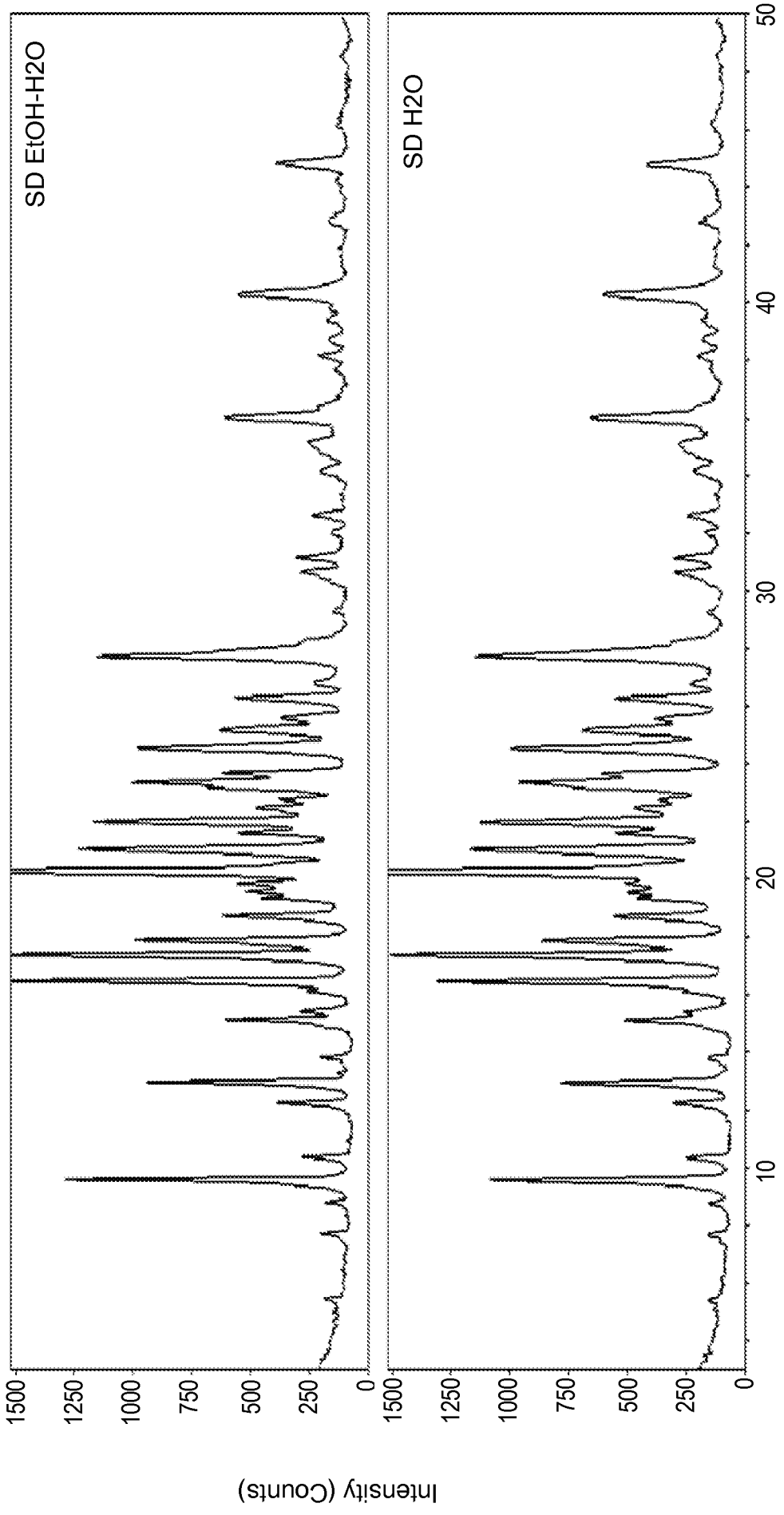

SD EtOH-H2O
SD H2O
Intensity (Counts)
2-Theta(°)
0
250
500
750
1000
1250
1500
10
20
30
40
50

FIG. 11