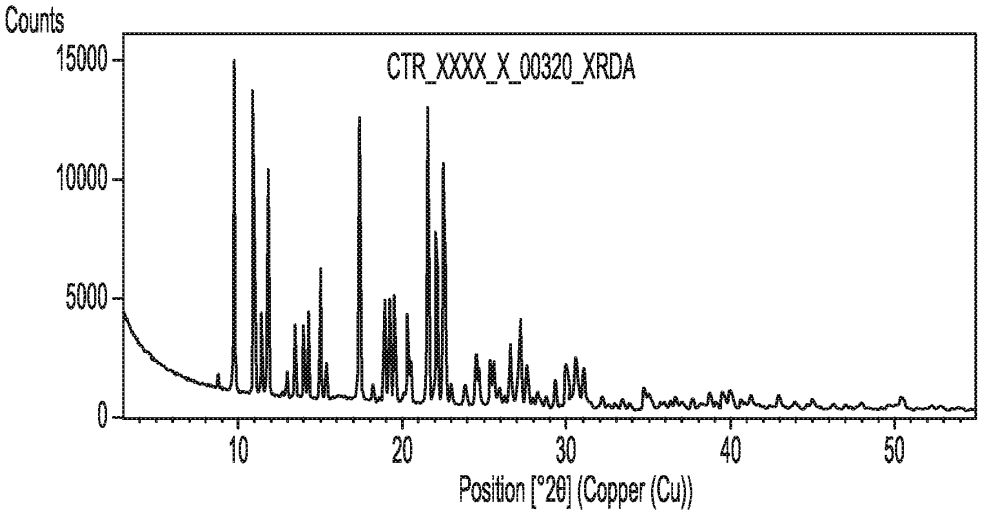

Counts
15000
10000
5000
0
CTR_XXXX_X_00320_XRDA
10
20
30
40
50
Position [°2θ] (Copper (Cu))

FIG. 1

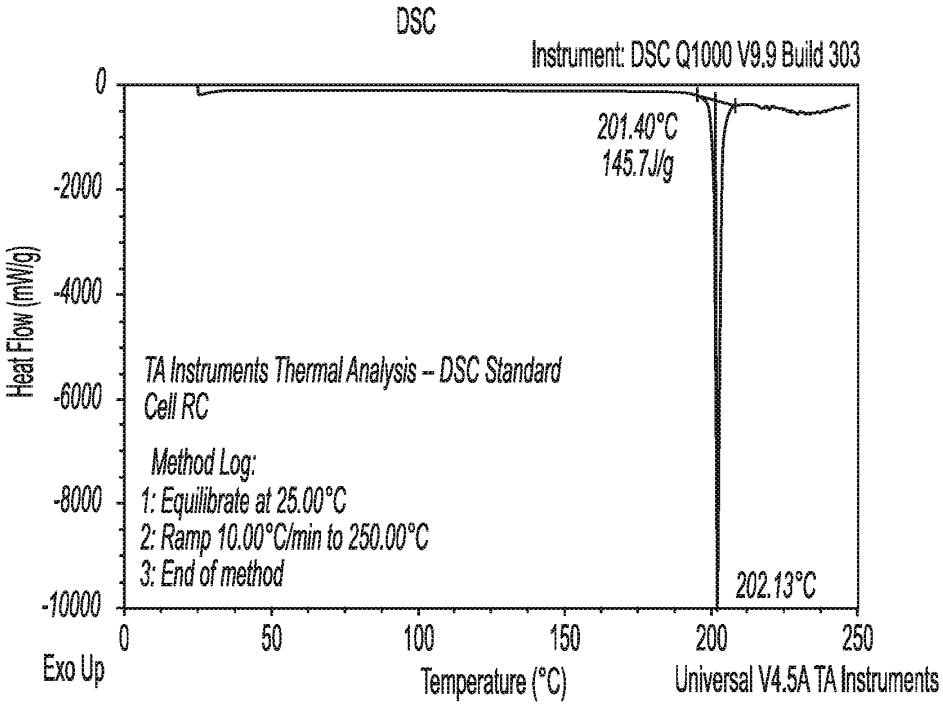

DSC
Instrument: DSC Q1000 V9.9 Build 303
0
-2000
-4000
-6000
-8000
-10000
Heat Flow (mW/g)
Exo Up
201.40°C
145.7J/g
TA Instruments Thermal Analysis – DSC Standard
Cell RC
Method Log:
1: Equilibrate at 25.00°C
2: Ramp 10.00°C/min to 250.00°C
3: End of method
202.13°C
0
50
100
150
200
250
Temperature (°C)
Universal V4.5A TA Instruments

FIG. 2

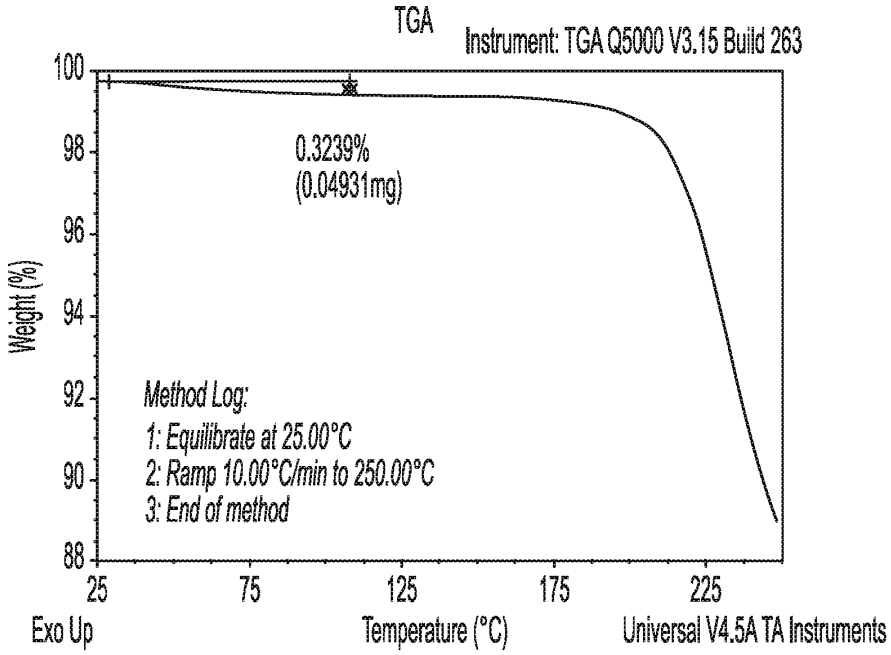

TGA
Instrument: TGA Q5000 V3.15 Build 263
100
98
96
94
92
90
88
Weight (%)
0.3239%
(0.04931mg)
Method Log:
1: Equilibrate at 25.00°C
2: Ramp 10.00°C/min to 250.00°C
3: End of method
25
75
125
175
225
Exo Up
Temperature (°C)
Universal V4.5A TA Instruments

FIG. 3

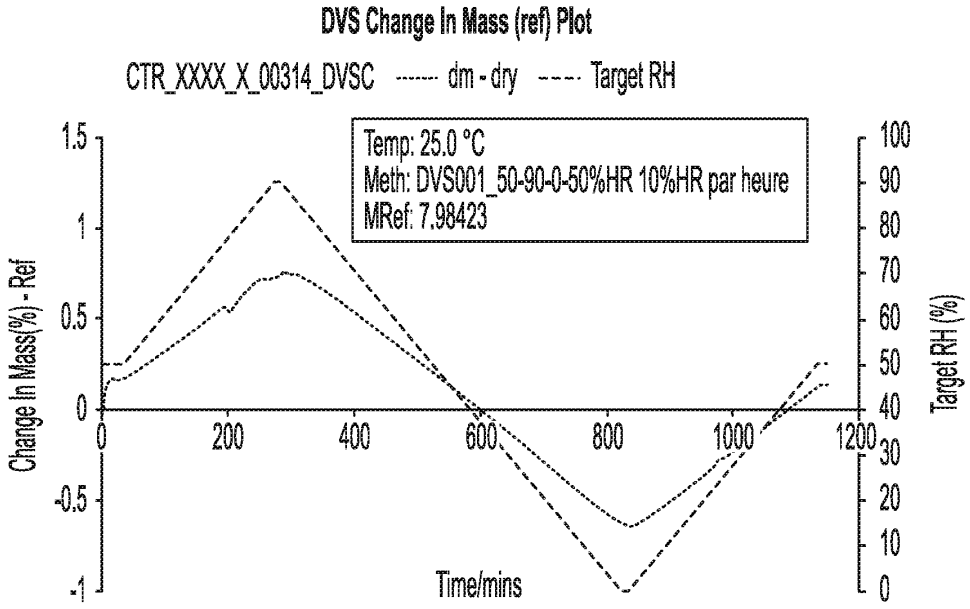

DVS Change In Mass (ref) Plot
CTR_XXXX_X_00314_DVSC ------ dm - dry ---- Target RH
Temp: 25.0 °C
Meth: DVS001_50-90-0-50%HR 10%HR par heure
MRef: 7.98423
Change In Mass(%) - Ref
Target RH (%)
Time/mins
1.5
1
0.5
0
-0.5
-1
100
90
80
70
60
50
40
30
20
10
0
0
200
400
600
800
1000
1200

FIG. 4

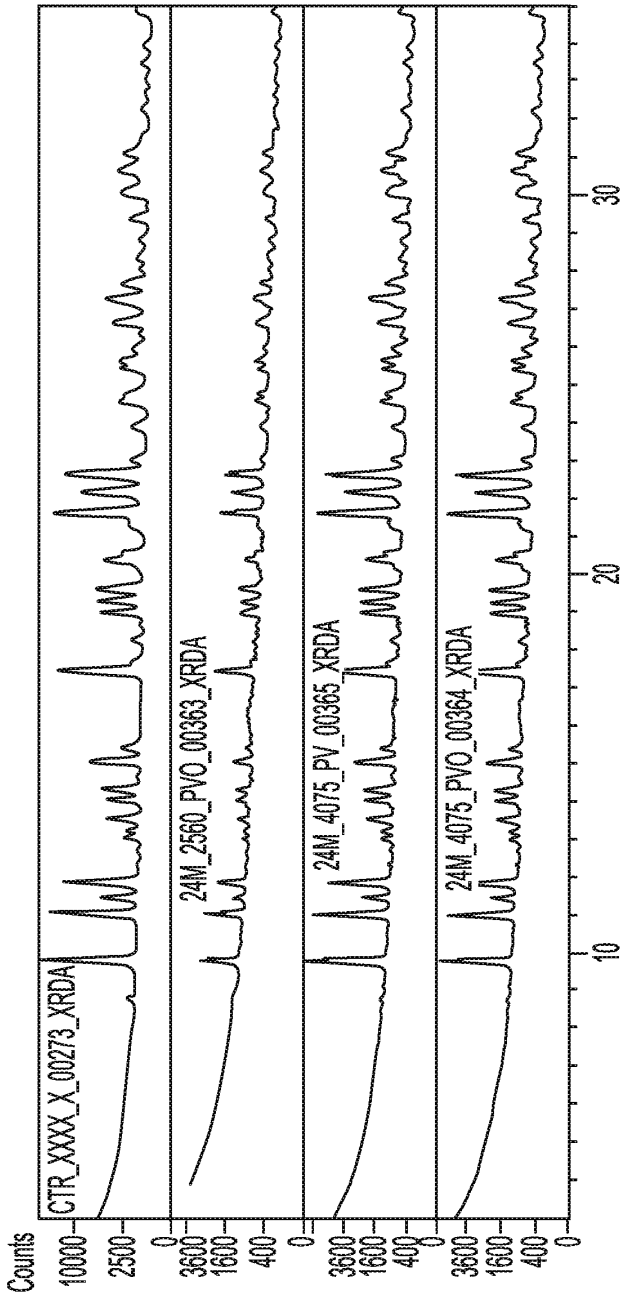



FIG. 5A

FIG. 5B

FIG. 5C

FIG. 5D

FIG. 5

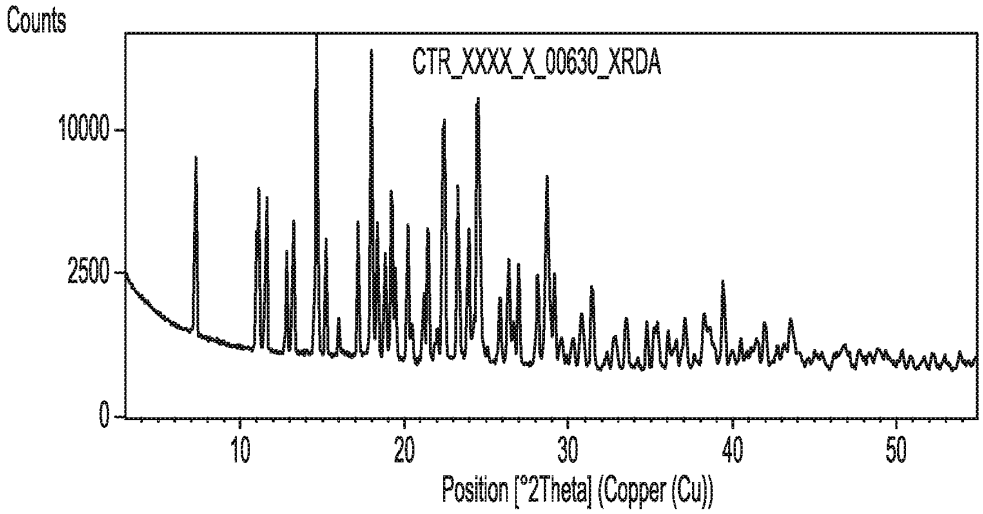

Counts
CTR_XXXX_X_00630_XRDA
10000
2500
0
10
20
30
40
50
Position [°2Theta] (Copper (Cu))

FIG. 6

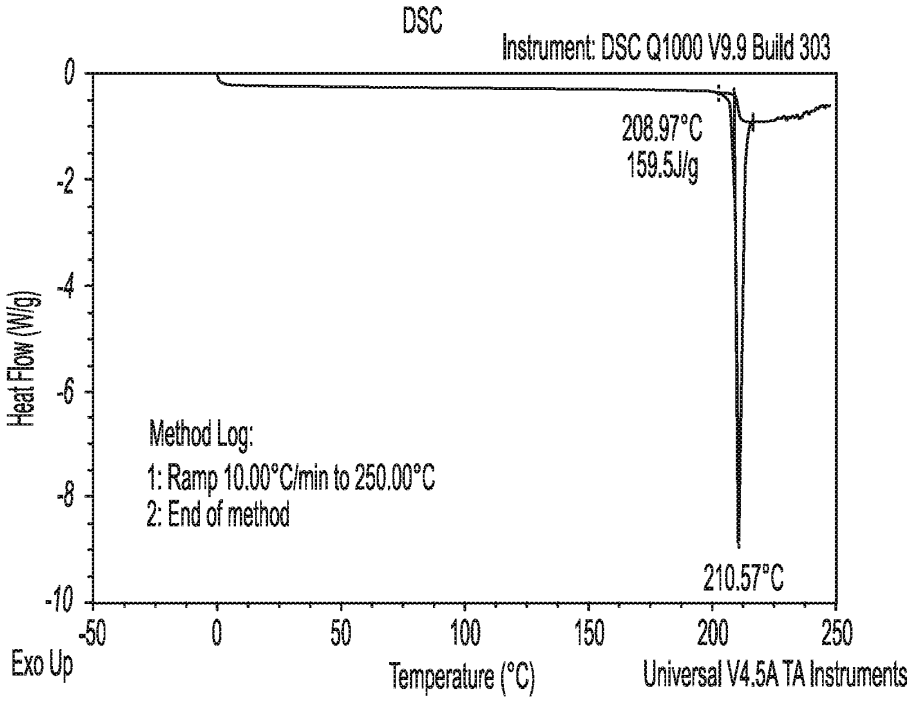

DSC
Instrument: DSC Q1000 V9.9 Build 303
208.97°C
159.5J/g
210.57°C
Method Log:
1: Ramp 10.00°C/min to 250.00°C
2: End of method
Heat Flow (W/g)
Exo Up
Temperature (°C)
Universal V4.5A TA Instruments
0
-2
-4
-6
-8
-10
-50
0
50
100
150
200
250

FIG. 7

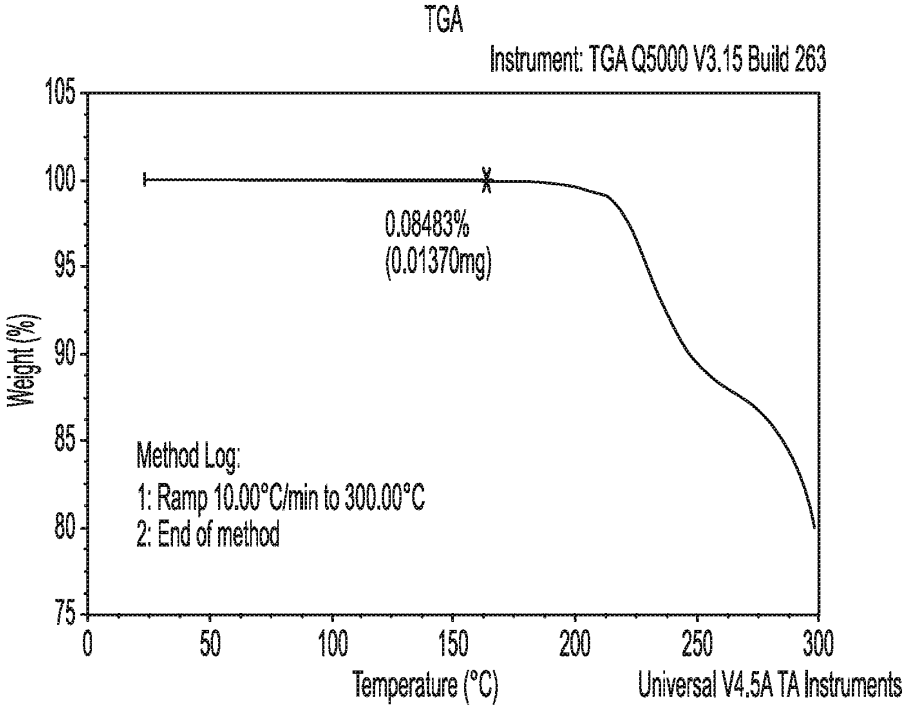

TGA
Instrument: TGA Q5000 V3.15 Build 263
105
100
95
90
85
80
75
Weight (%)
0.08483%
(0.01370mg)
Method Log:
1: Ramp 10.00°C/min to 300.00°C
2: End of method
0
50
100
150
200
250
300
Temperature (°C)
Universal V4.5A TA Instruments

FIG. 8

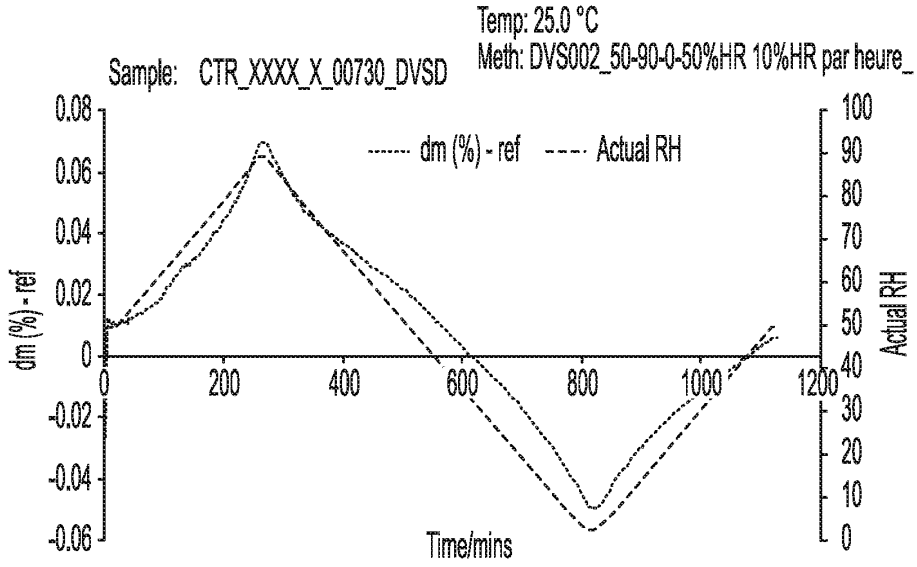

Temp: 25.0 °C
Meth: DVS002_50-90-0-50%HR 10%HR par heure_
Sample: CTR_XXXX_X_00730_DVSD
dm (%) - ref
Actual RH
0.08
0.06
0.04
0.02
0
-0.02
-0.04
-0.06
100
90
80
70
60
50
40
30
20
10
0
0
200
400
600
800
1000
1200
Time/mins

FIG. 9

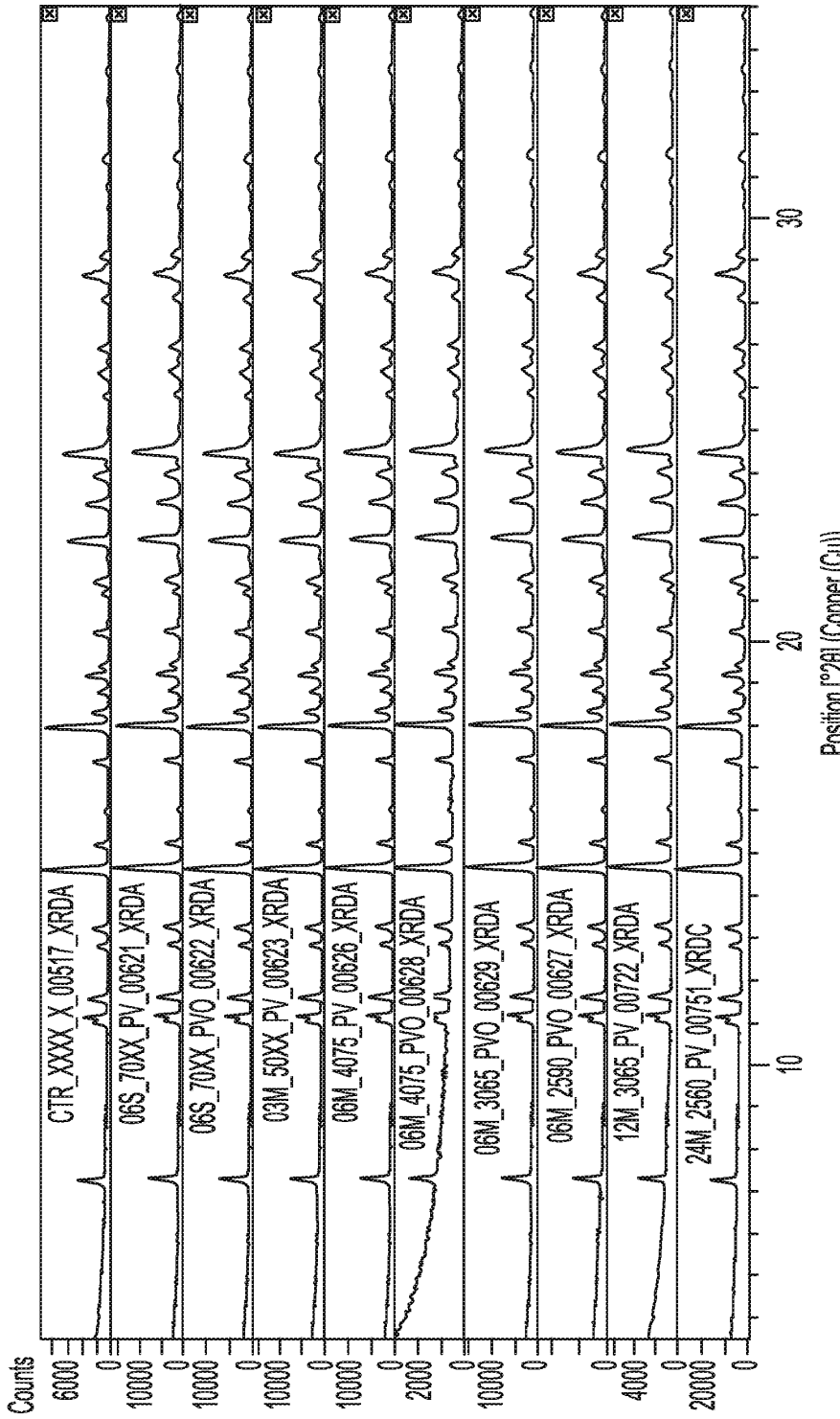

Counts
6000
0
10000
0
10000
0
10000
0
10000
0
2000
0
10000
0
4000
0
20000
0
CTR_XXXX_X_00517_XRDA
06S_70XX_PV_00621_XRDA
06S_70XX_PVO_00622_XRDA
03M_50XX_PV_00623_XRDA
06M_4075_PV_00626_XRDA
06M_4075_PVO_00628_XRDA
06M_3065_PVO_00629_XRDA
06M_2590_PVO_00627_XRDA
12M_3065_PV_00722_XRDA
24M_2660_PV_00751_XRDC
10
20
30
Position [°2θ] (Copper (Cu))

FIG. 10

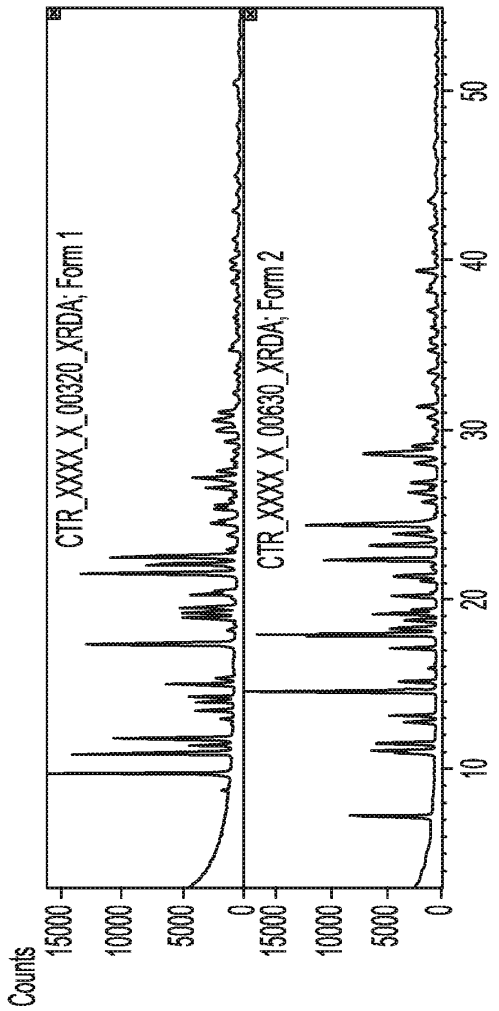

CTR_XXXX_X_00320_XRDA; Form 1
CTR_XXXX_X_00630_XRDA; Form 2
Counts
15000
10000
5000
0
10
20
30
40
50
Position [°2θ] (Copper (Cu))

FIG. 11