FIG. 1

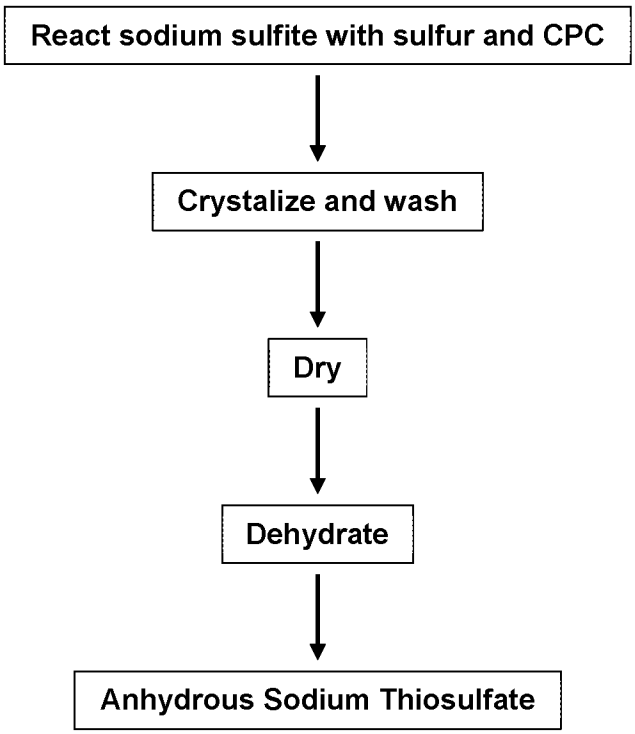

React sodium sulfite with sulfur and CPC
Crystalize and wash
Dry
Dehydrate
Anhydrous Sodium Thiosulfate

FIG. 2

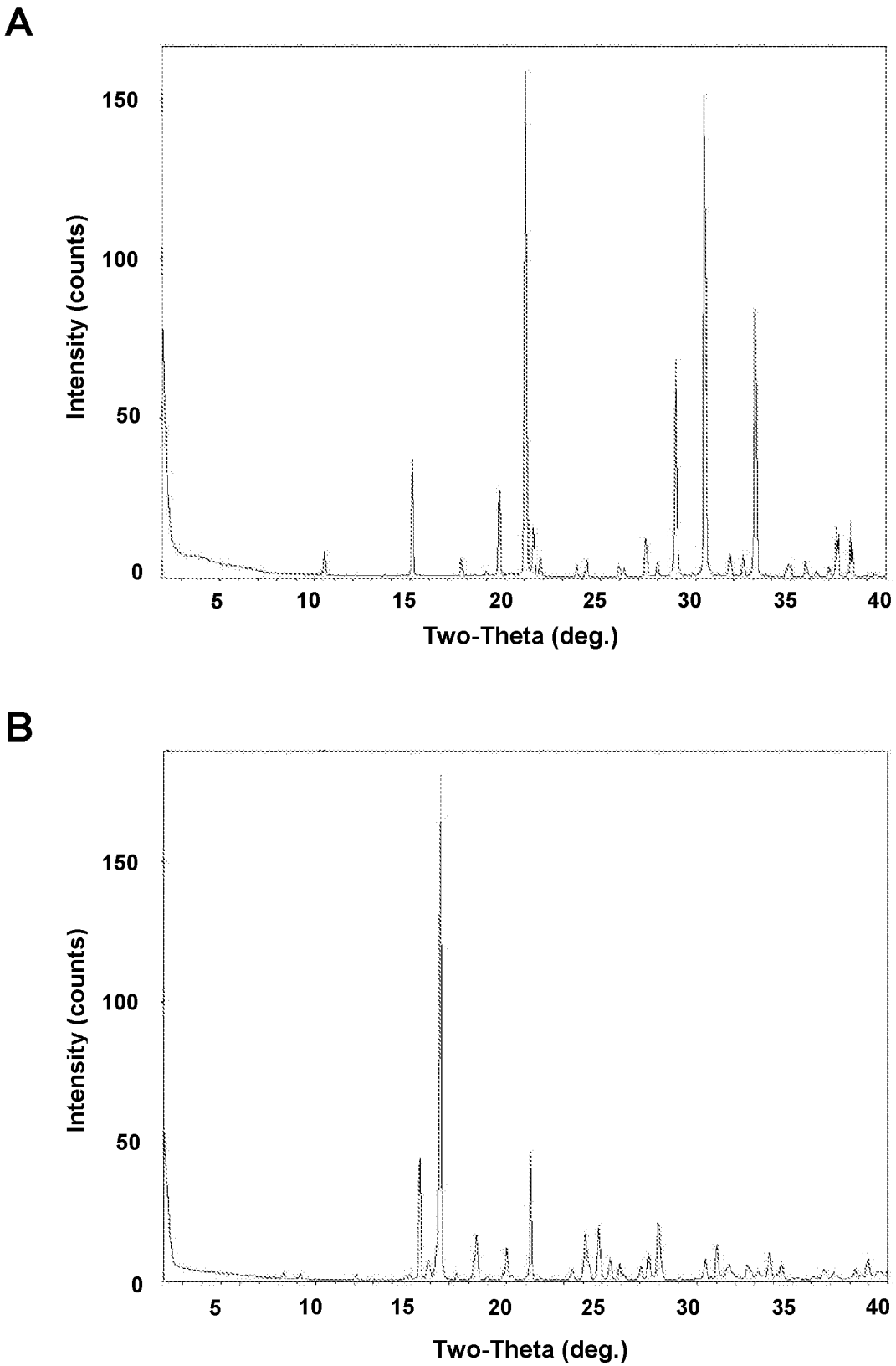

A
150
100
50
0
Intensity (counts)
5
10
15
20
25
30
35
40
Two-Theta (deg.)
B
150
100
50
0
Intensity (counts)
5
10
15
20
25
30
35
40
Two-Theta (deg.)

FIG. 3

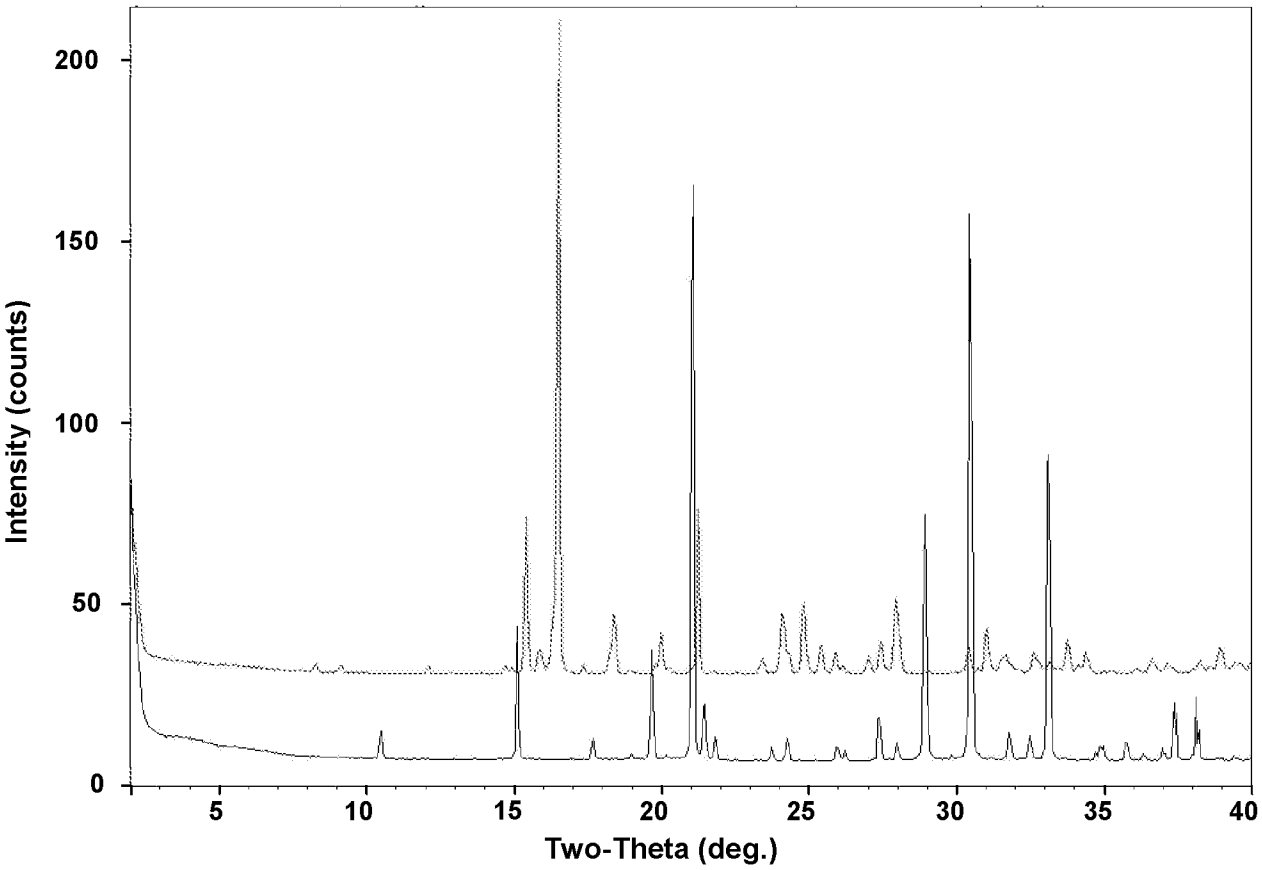
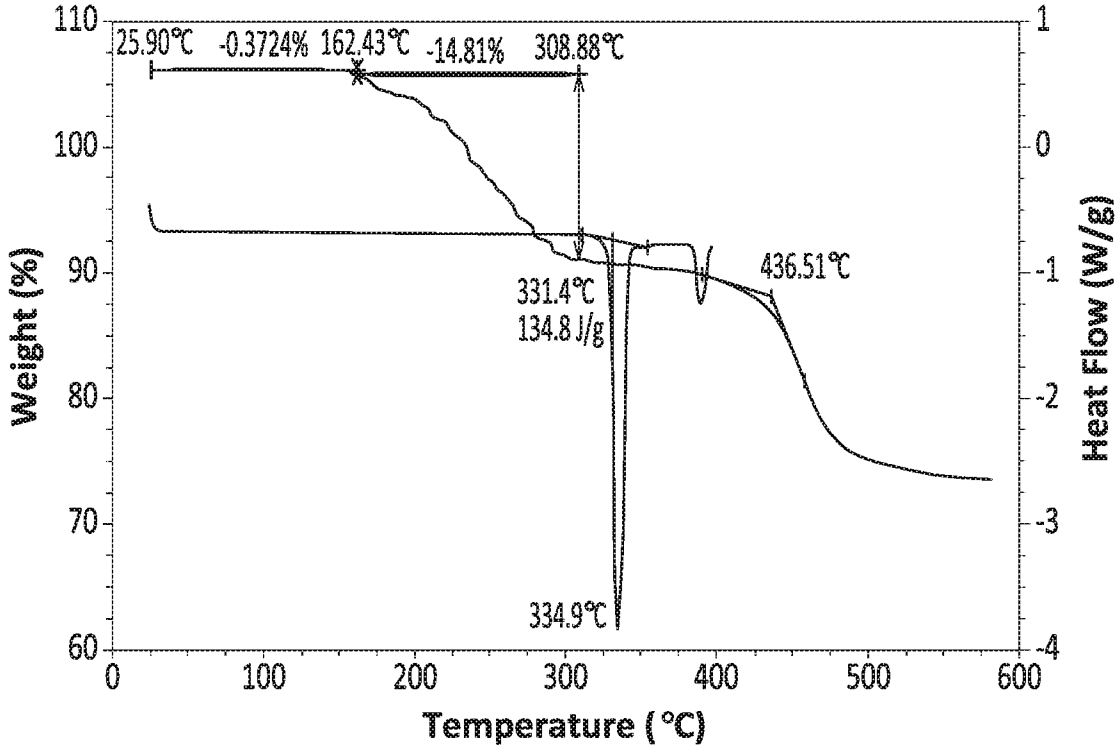

Intensity (counts)
200
150
100
50
0
5
10
15
20
25
30
35
40
Two-Theta (deg.)

FIG. 4

A.


25.90℃
-0.3724%
162.43℃
-14.81%
308.88℃
331.4℃
134.8 J/g
436.51℃
334.9℃
Weight (%)
Heat Flow (W/g)
Temperature (°C)
110
100
90
80
70
60
1
0
-1
-2
-3
-4
0
100
200
300
400
500
600

B.

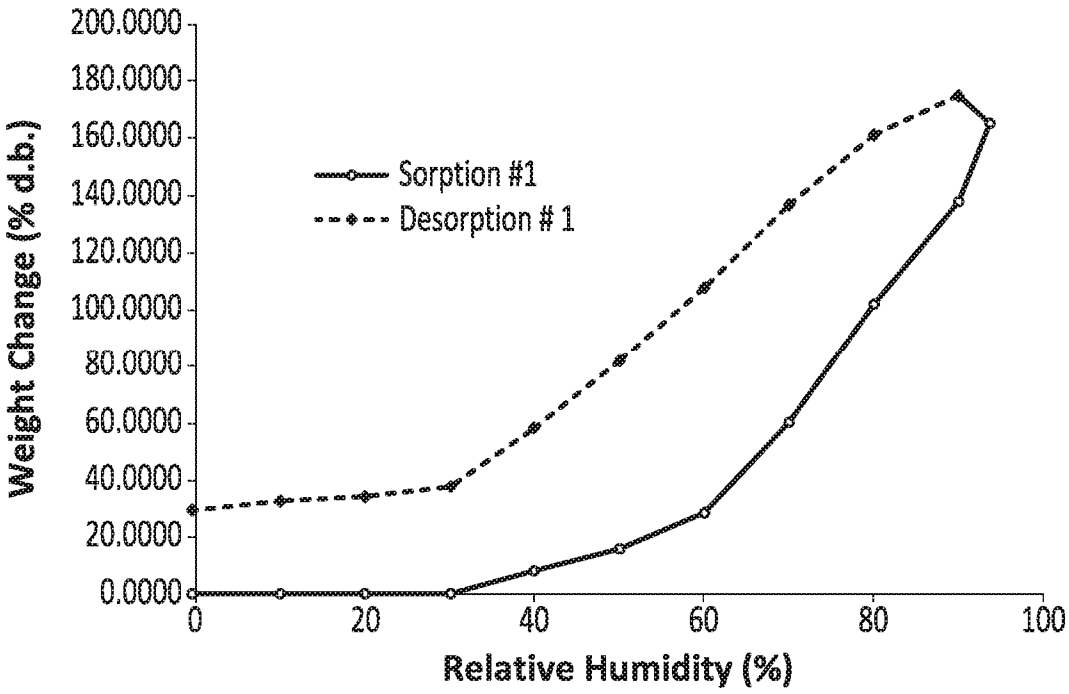

Sorption #1
Desorption # 1
Weight Change (% d.b.)
Relative Humidity (%)
200.0000
180.0000
160.0000
140.0000
120.0000
100.0000
80.0000
60.0000
40.0000
20.0000
0.0000
0
20
40
60
80
100

FIG. 5

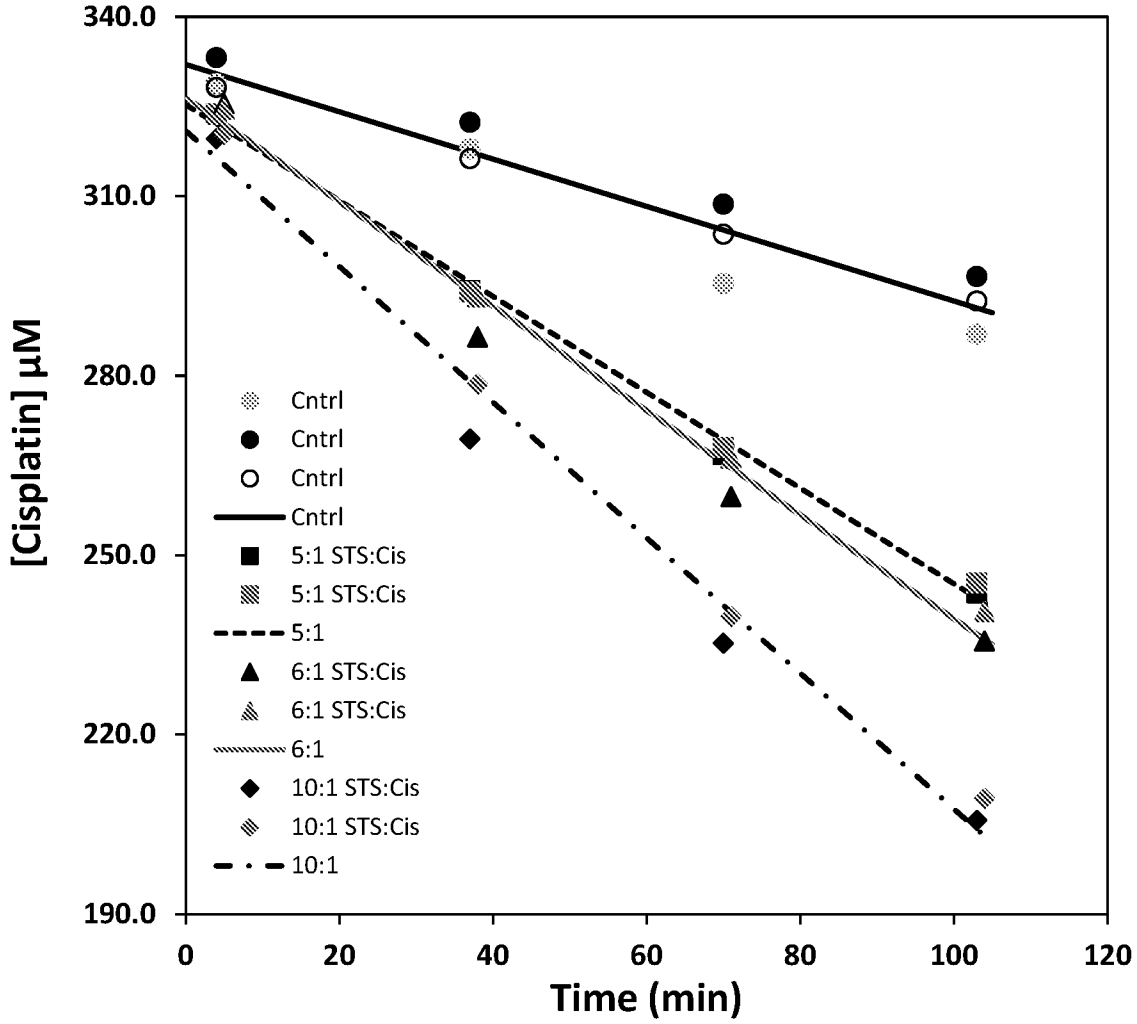
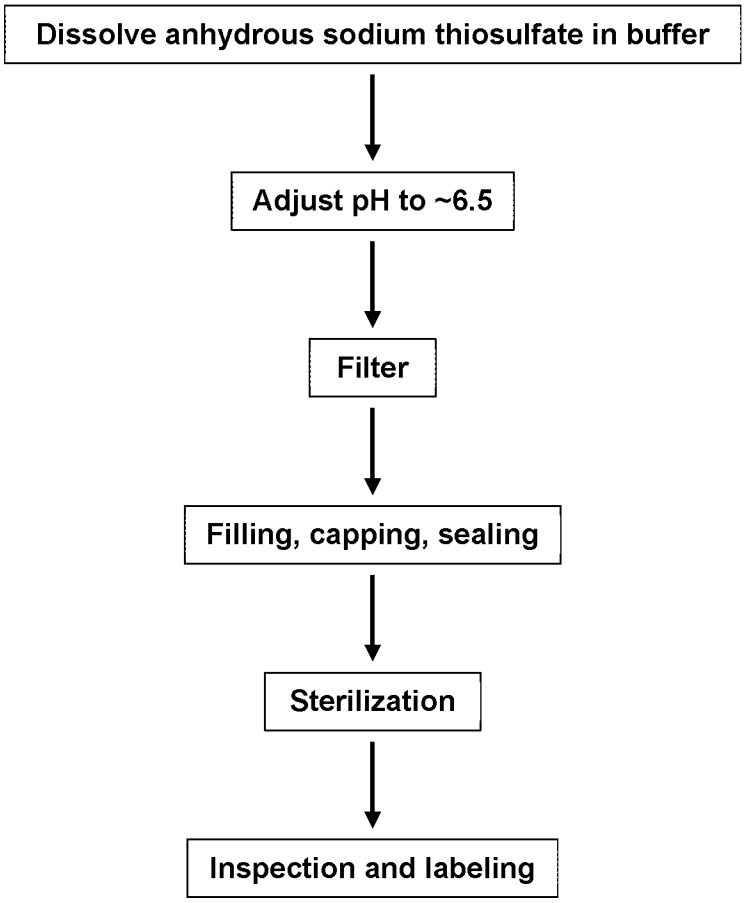

340.0
310.0
280.0
250.0
220.0
190.0
[Cisplatin] µM
0
20
40
60
80
100
120
Time (min)
Cntrl
Cntrl
Cntrl
Cntrl
5:1 STS:Cis
5:1 STS:Cis
5:1
6:1 STS:Cis
6:1 STS:Cis
6:1
10:1 STS:Cis
10:1 STS:Cis
10:1

FIG. 6


Dissolve anhydrous sodium thiosulfate in buffer
Adjust pH to ~6.5
Filter
Filling, capping, sealing
Sterilization
Inspection and labeling