Figure 1

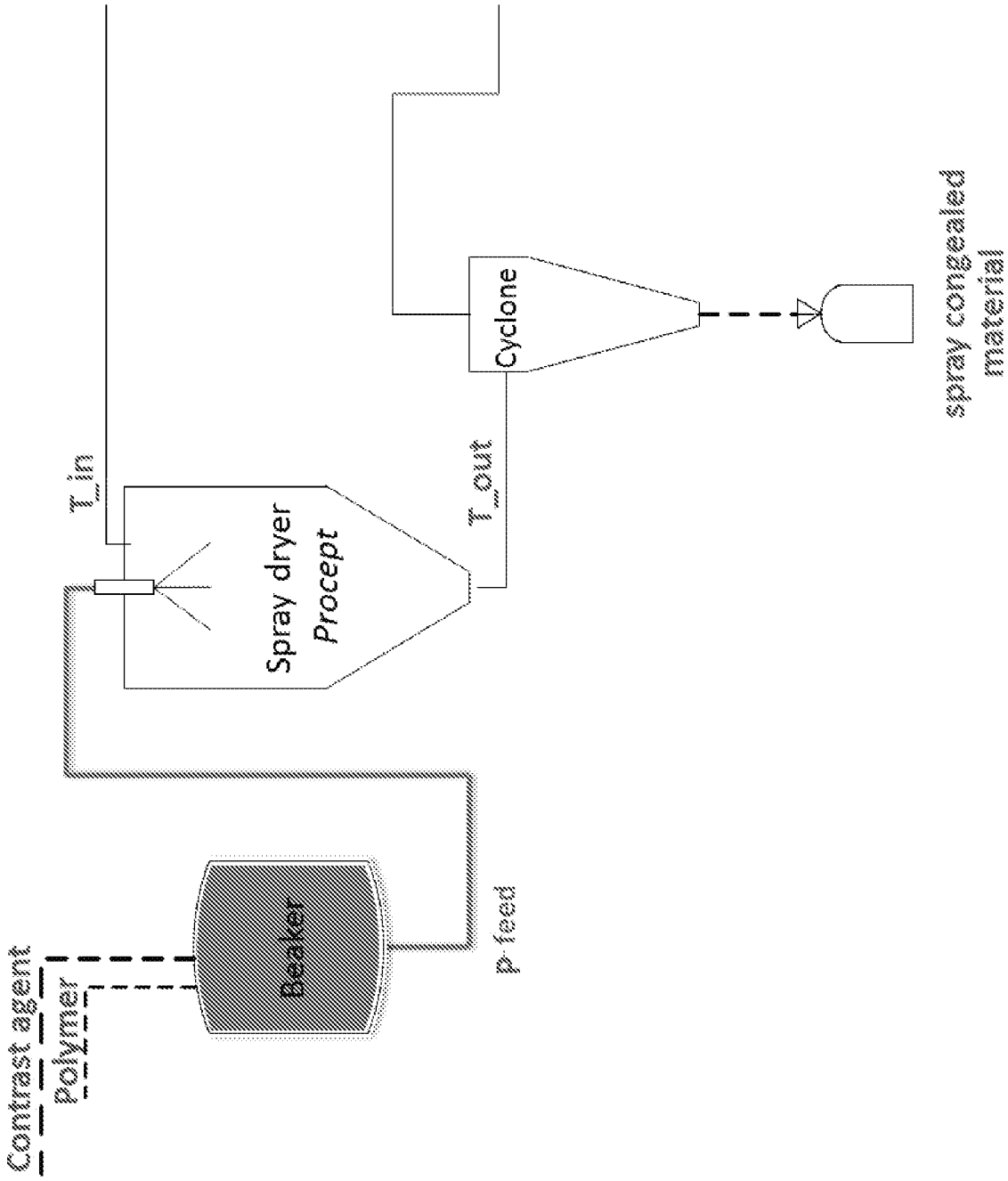

Contrast agent
Polymer
Beaker
P feed
T_in
Spray dryer
Procept
T_out
Cyclone
spray congealed
material

Figure 2

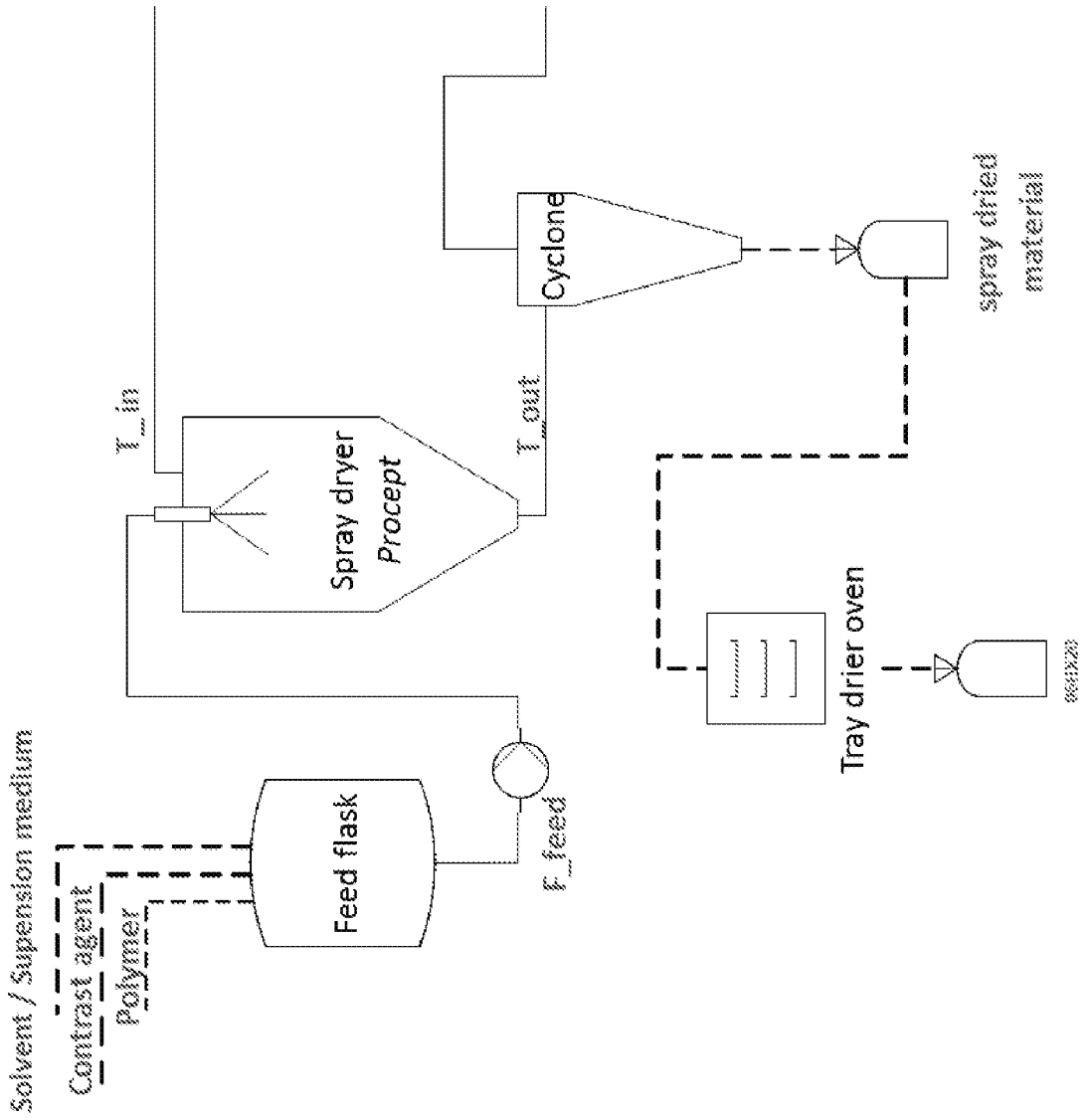
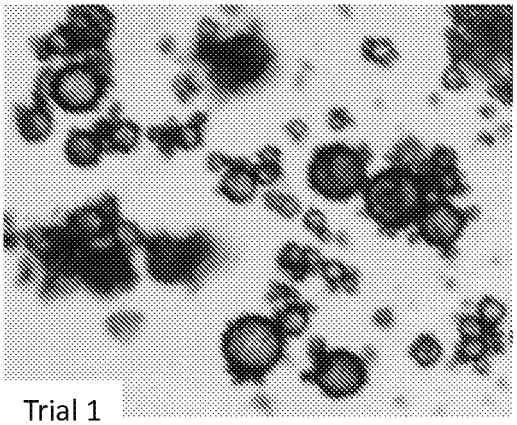
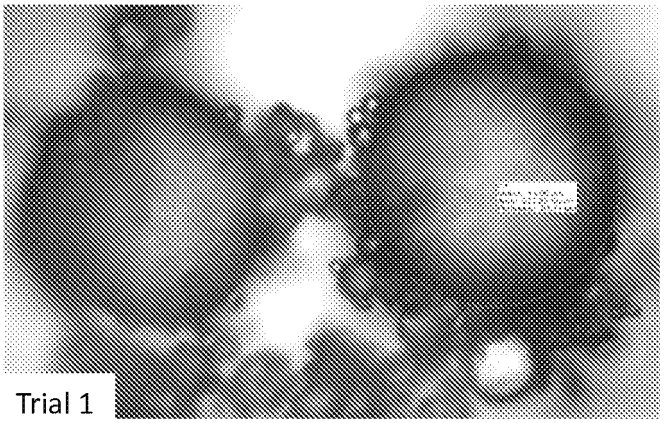

Solvent / Supension medium
Contrast agent
Polymer
Feed flask
F_feed
T_in
Spray dryer
Procept
T_out
Cyclone
spray dried
material
Tray drier oven

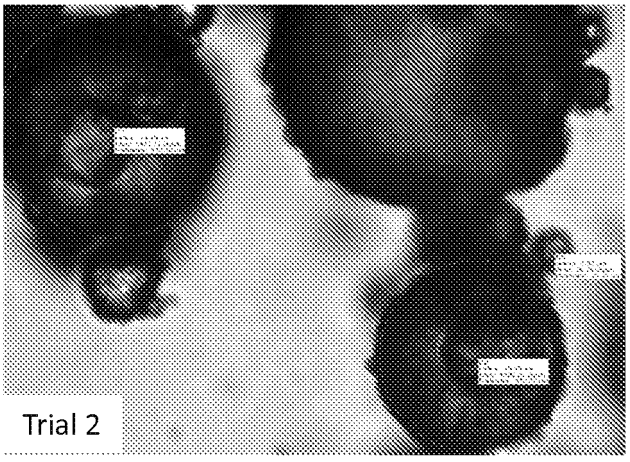
Figure 3



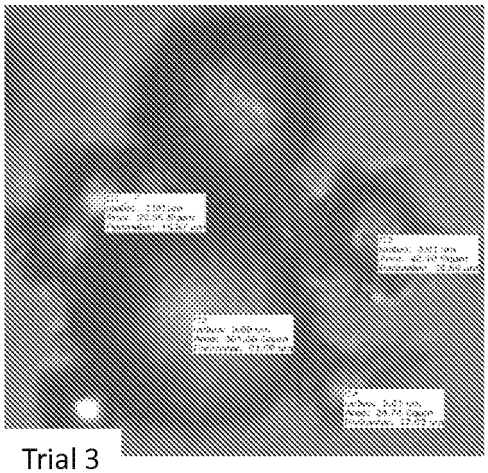
Trial 1



Trial 1



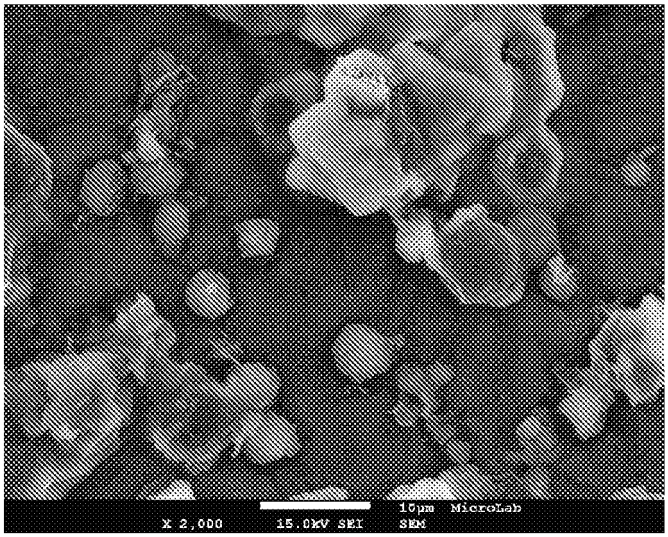
Trial 2



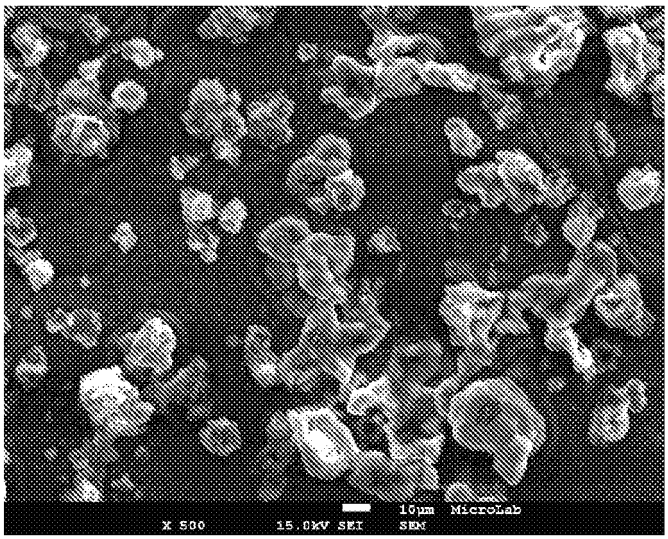
Trial 3

Figure 4

Trial 1



Trial 2



Trial 3

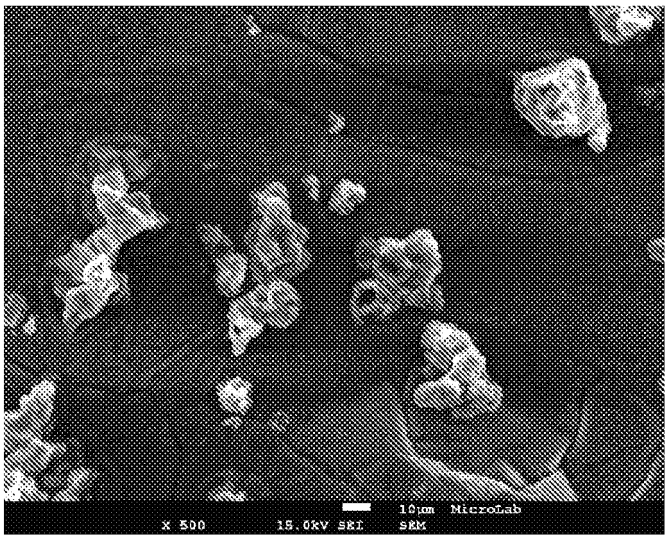


Figure 5

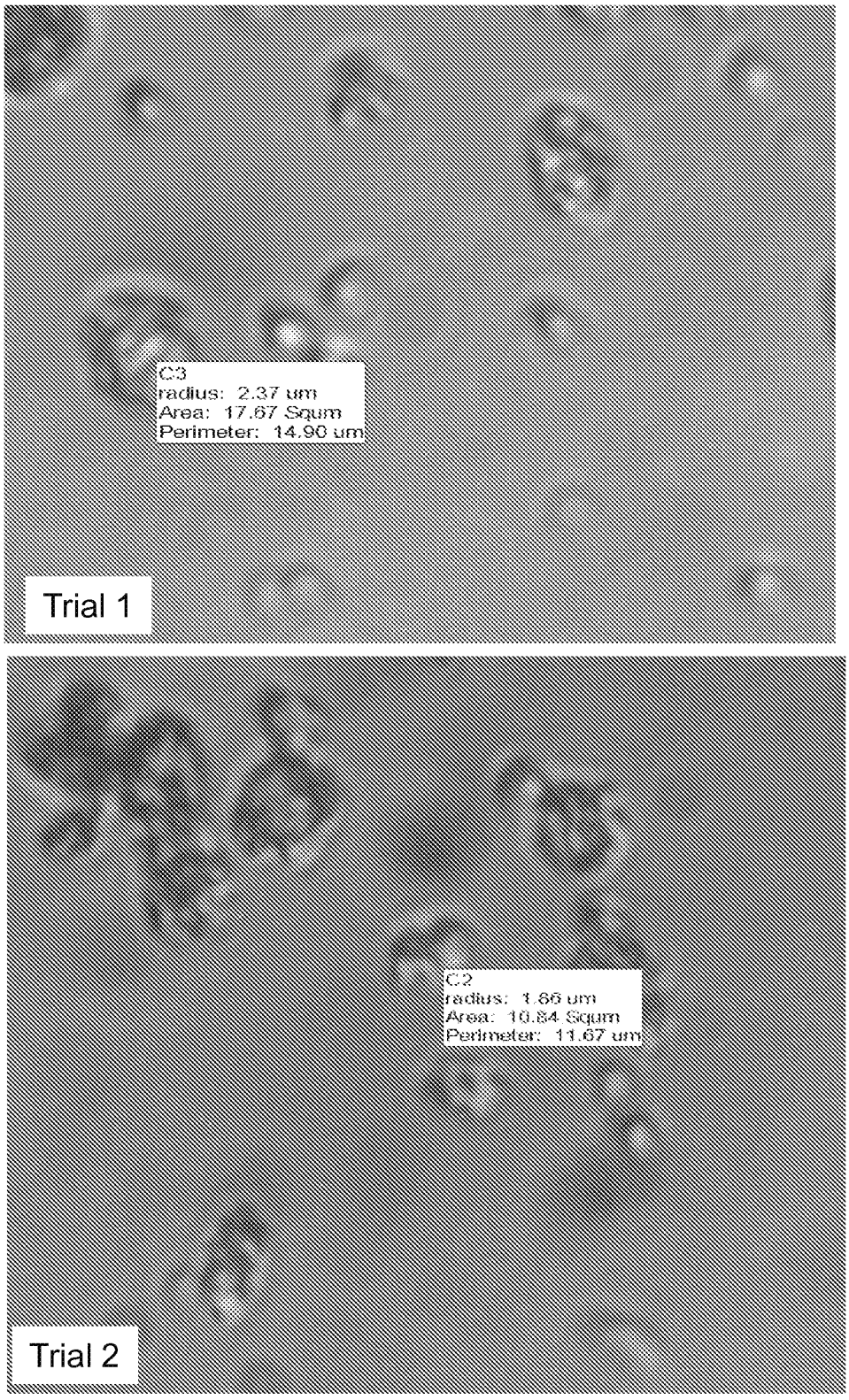

C3
radius: 2.37 um
Area: 17.67 Squm
Perimeter: 14.90 um
Trial 1
C2
radius: 1.85 um
Area: 10.84 Squm
Perimeter: 11.67 um
Trial 2

Figure 5, continued

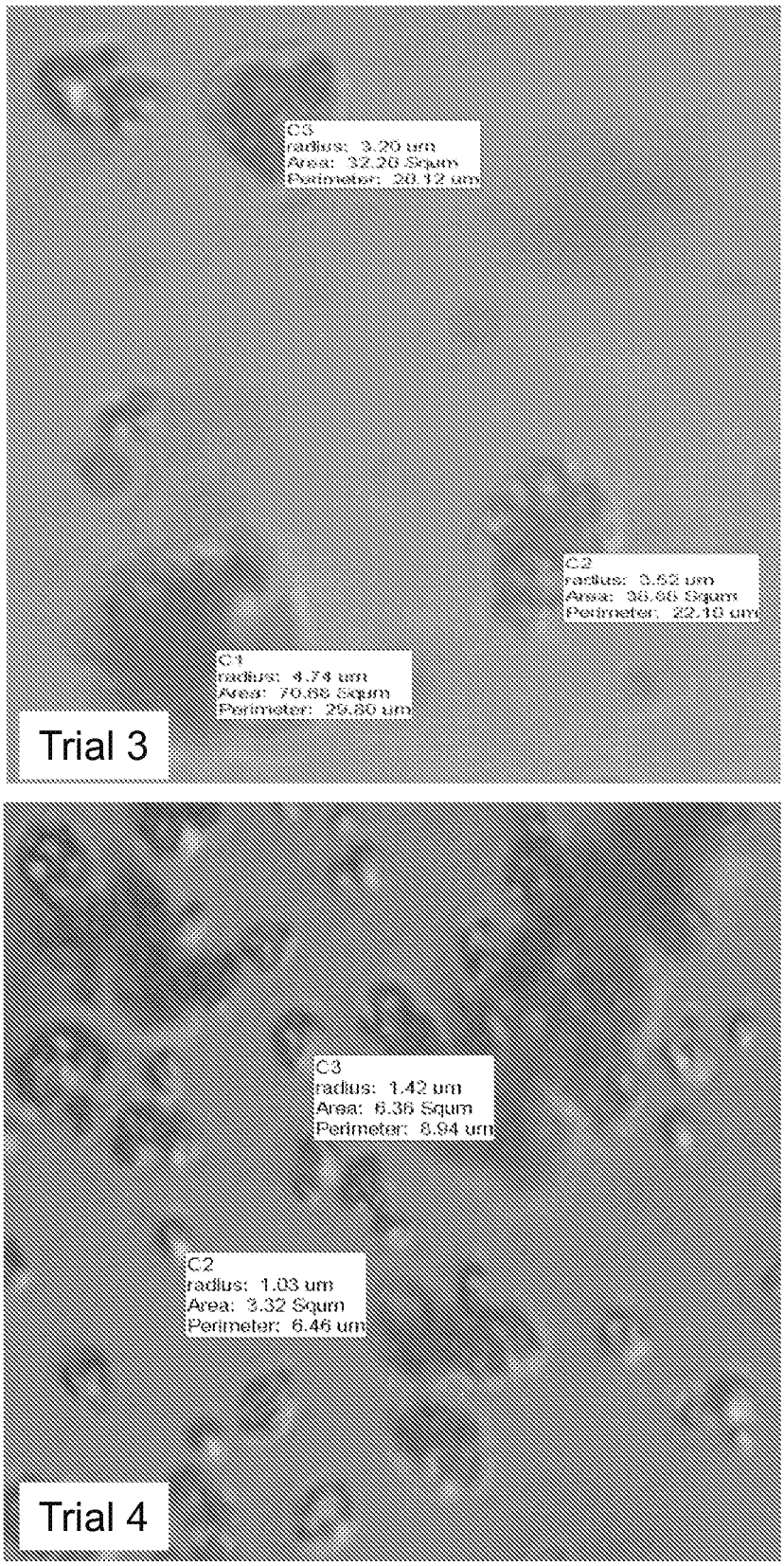


Figure 6

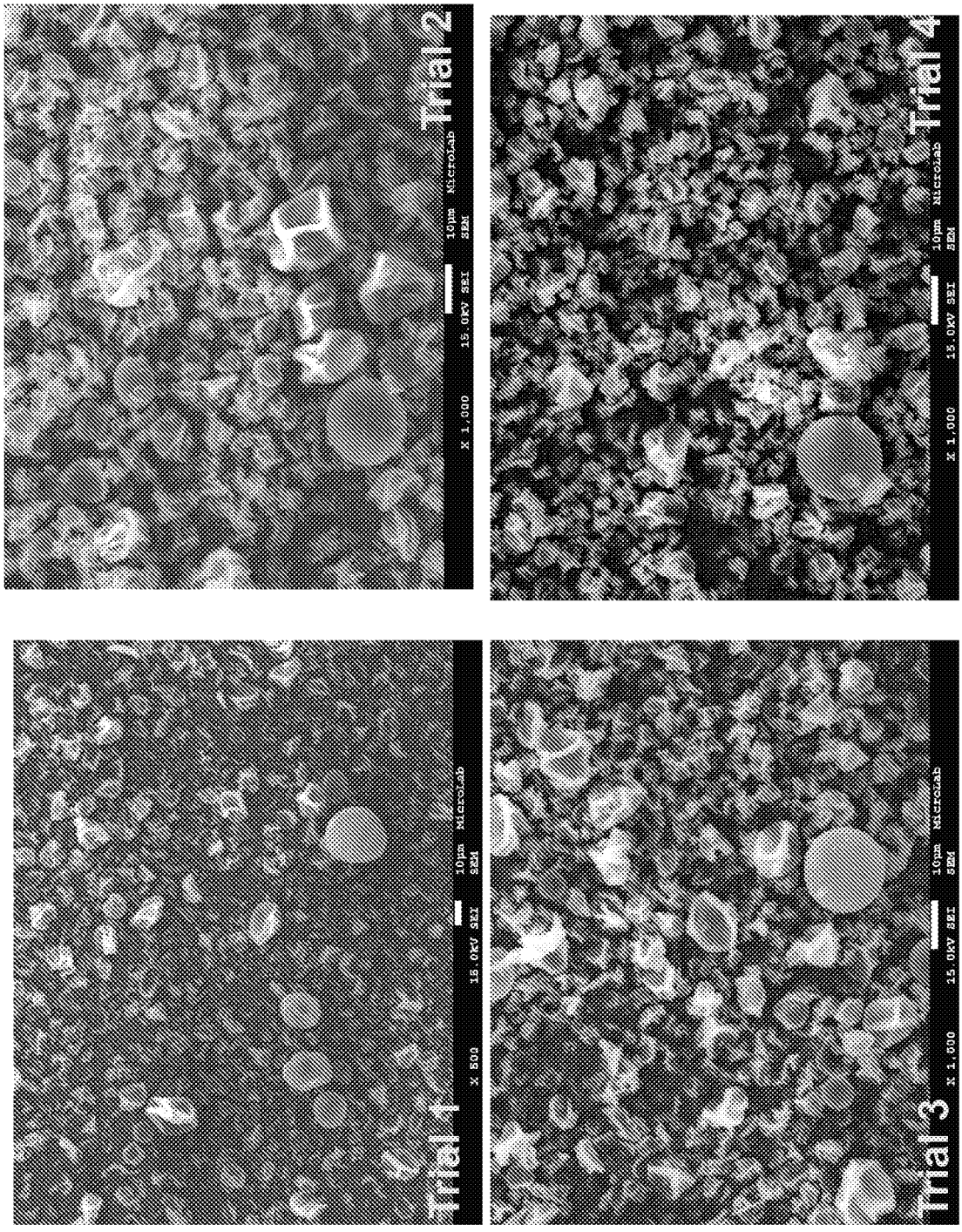
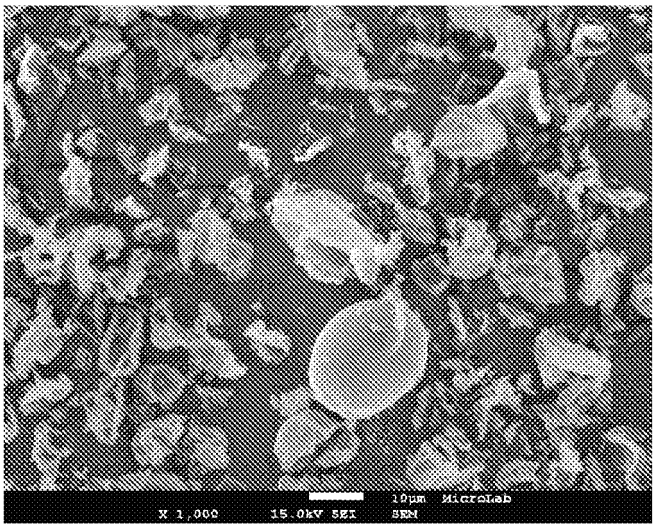
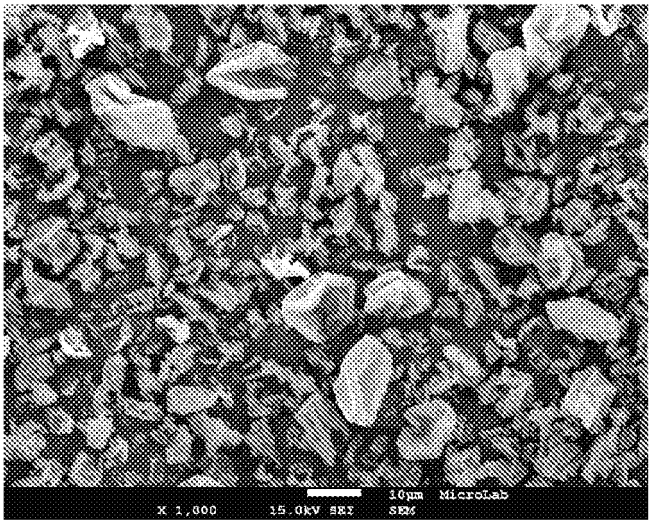

Trial 2
X 1,000 15.0kV SEI 10μm MicroLab
Trial 4
X 1,000 15.0kV SEI 10μm MicroLab
Trial 1
X 500 15.0kV SEI 10μm MicroLab
Trial 3
X 1,000 15.0kV SEI 10μm MicroLab

Figure 7

Trial 1



Trial 2



Trial 3

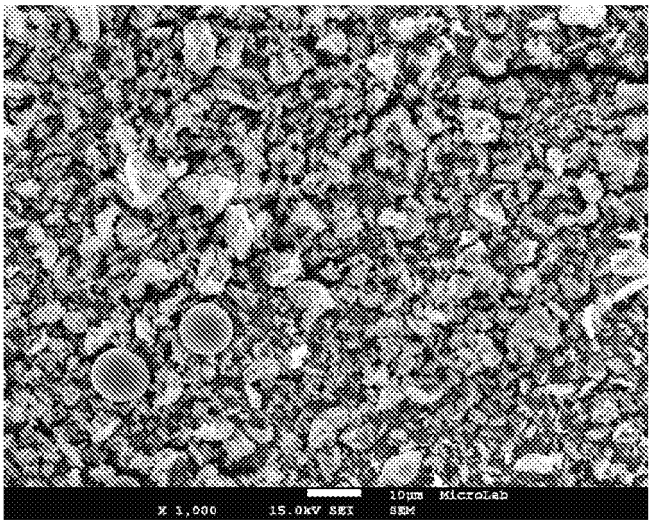
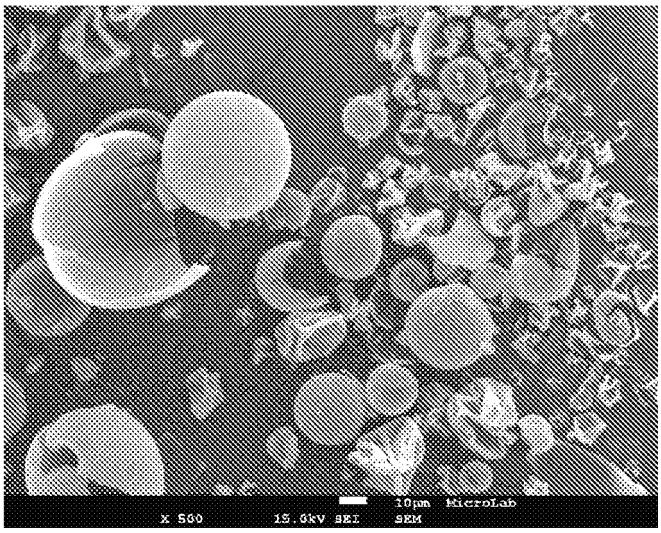
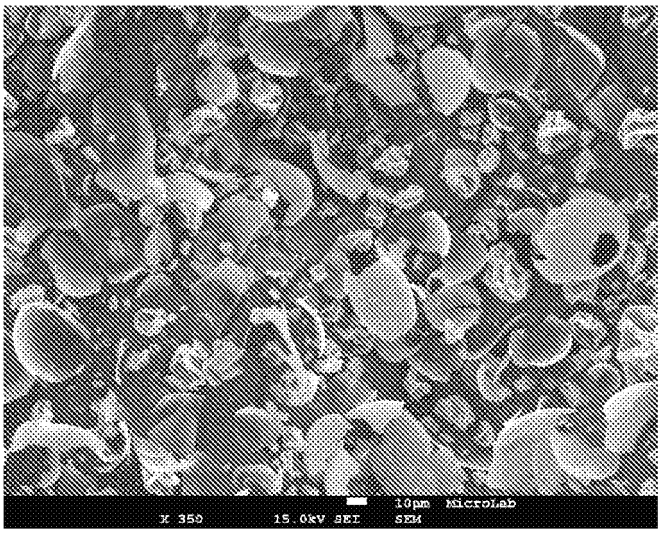


Figure 8

Trial 1



Trial 2



Trial 3

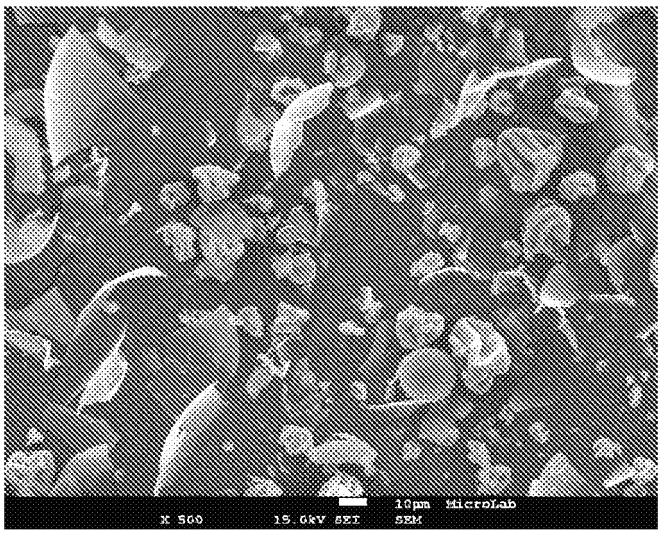
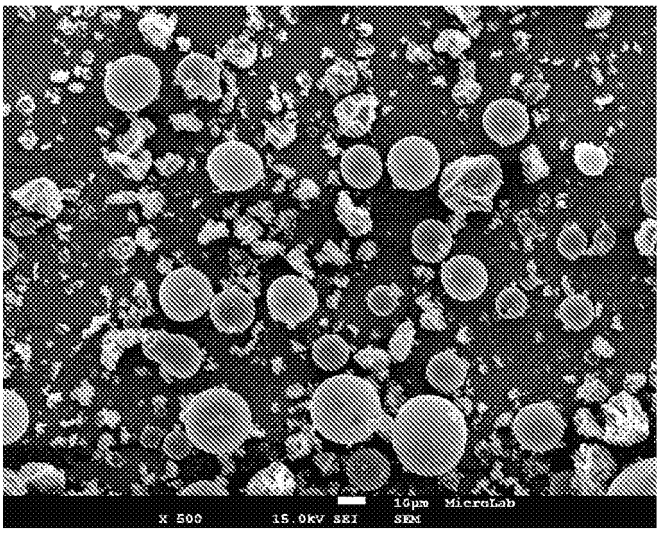
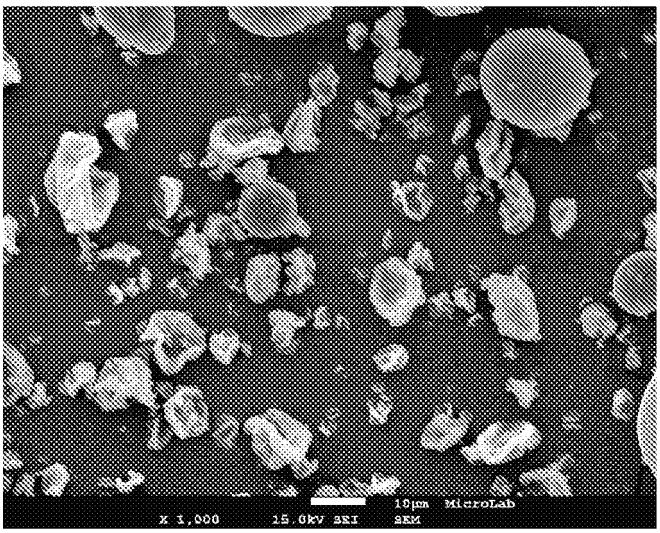


Figure 9

Trial 1



Trial 2



Trial 3

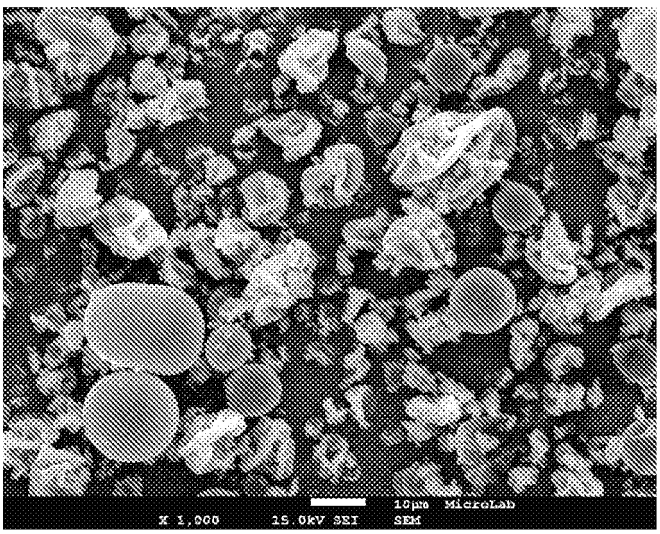


Figure 10

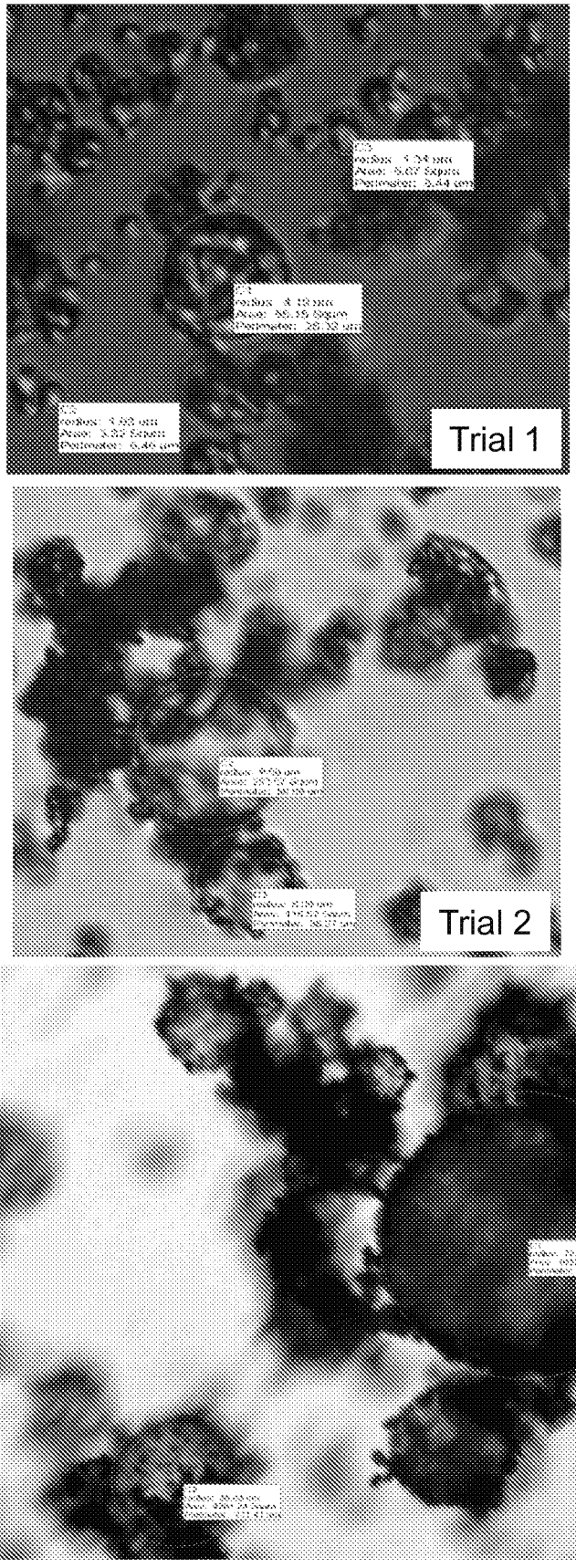
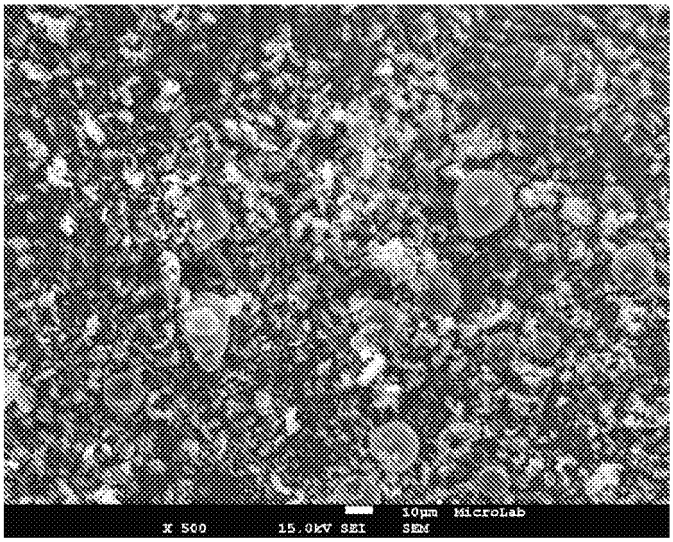
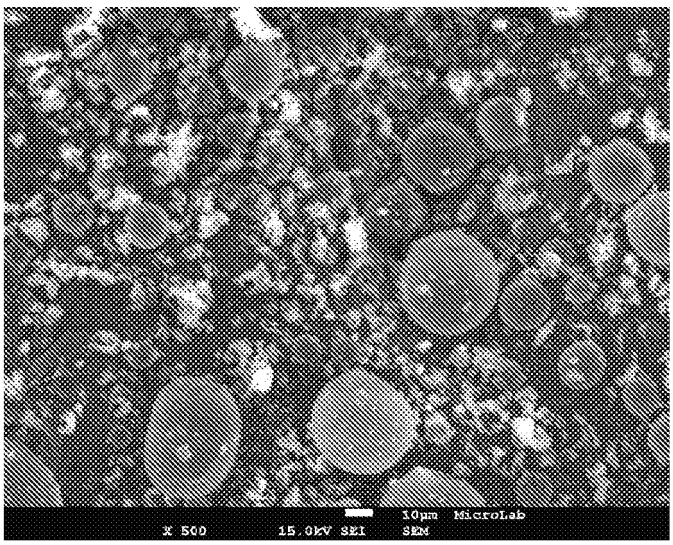


Figure 11

Trial 1



Trial 2



Trial 3

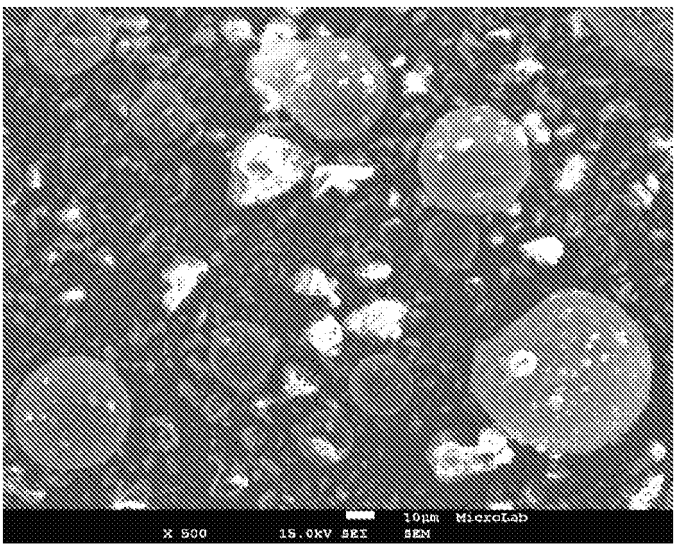
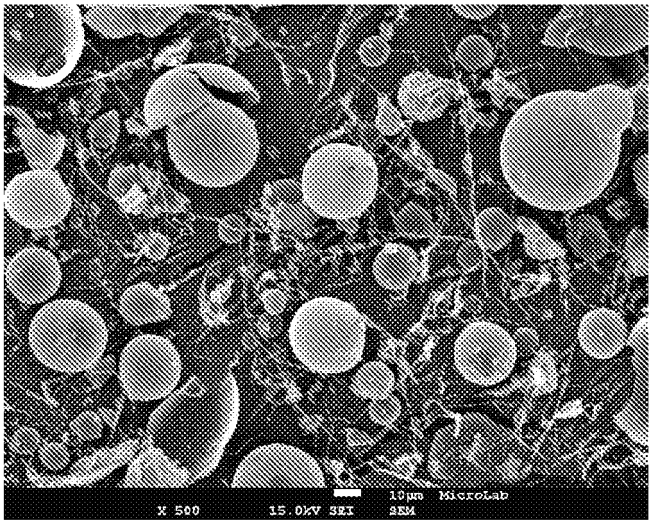
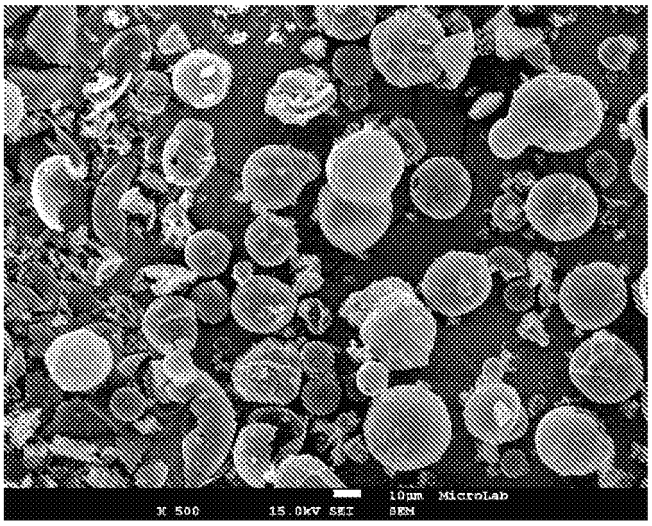


Figure 12

Trial 1



Trial 2



Trial 3

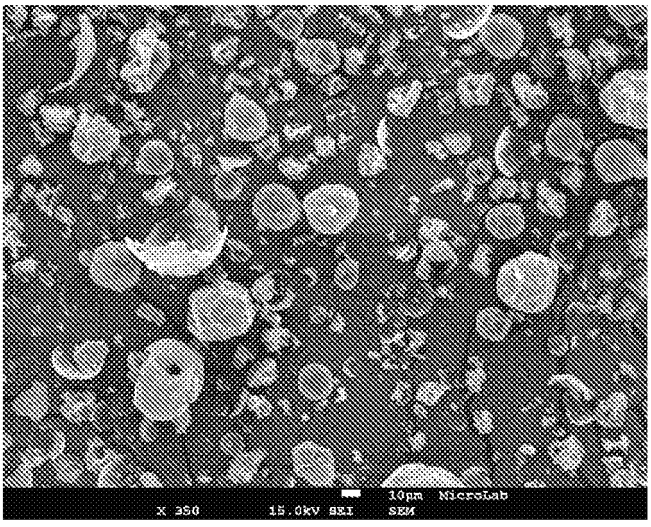
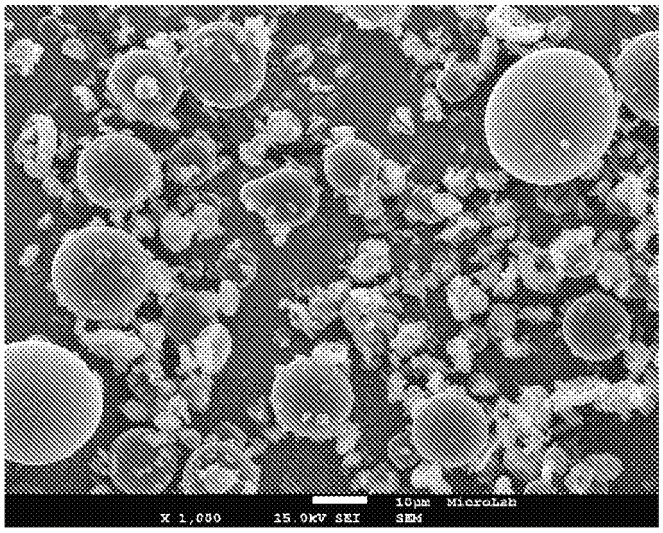
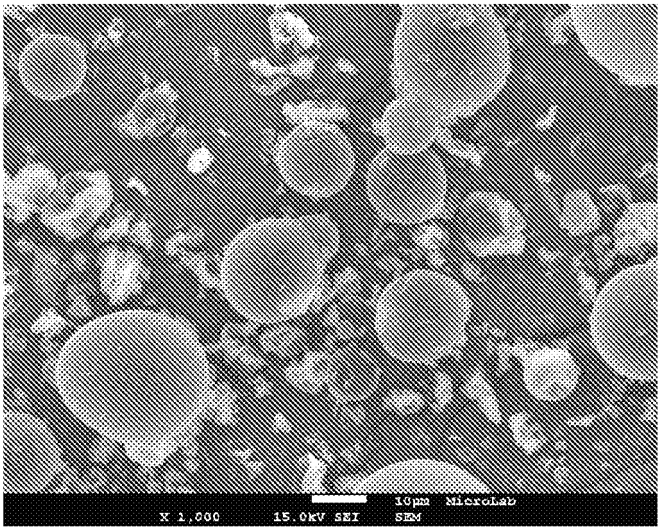


Figure 13

Trial 1



Trial 2



Trial 3

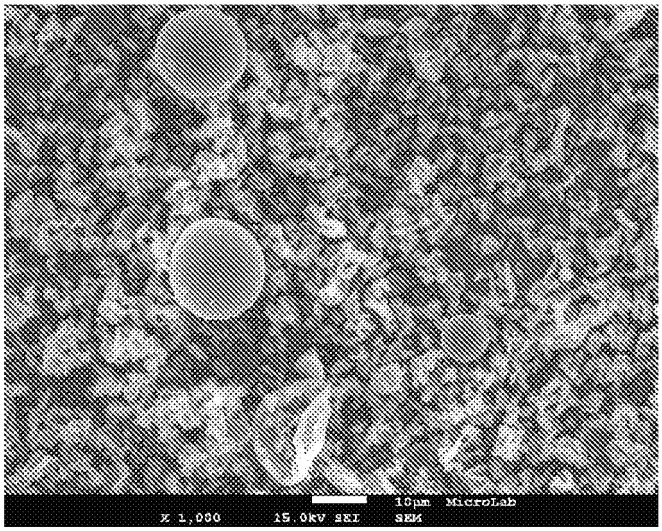


Figure 14

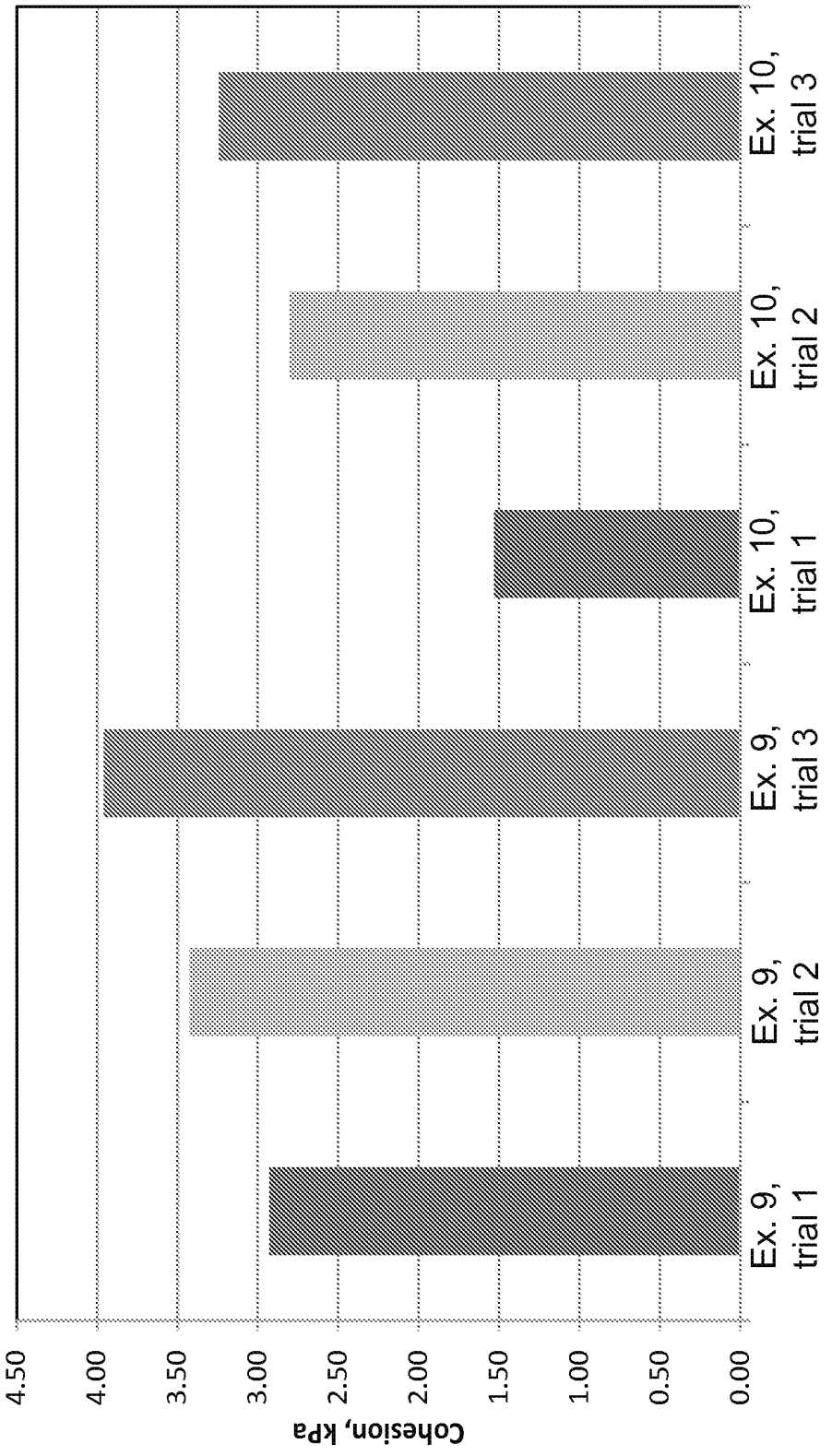
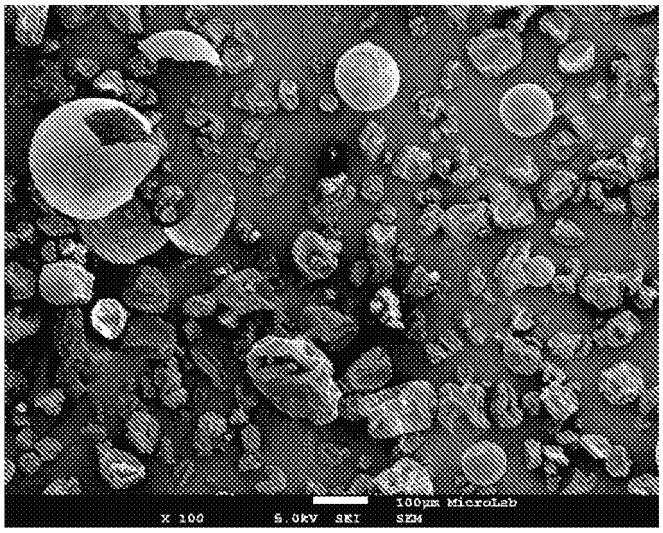
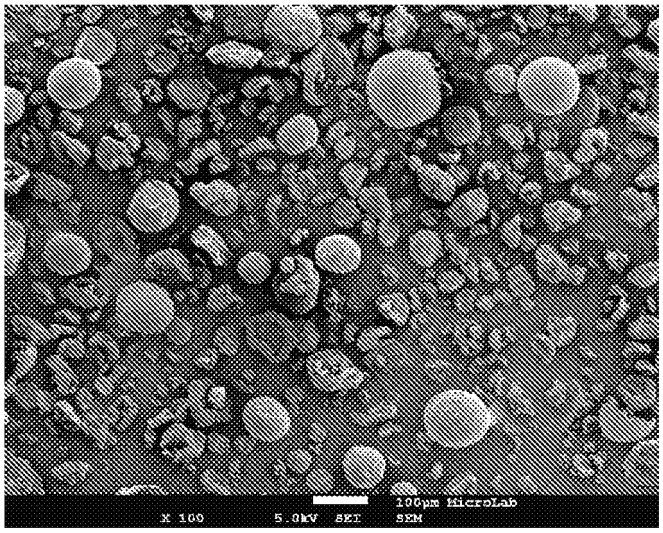

Cohesion, kPa
4.50
4.00
3.50
3.00
2.50
2.00
1.50
1.00
0.50
0.00
Ex. 9, trial 1
Ex. 9, trial 2
Ex. 9, trial 3
Ex. 10, trial 1
Ex. 10, trial 2
Ex. 10, trial 3

Figure 15

Trial 1



Trial 2



Trial 3

