FIGURE 1

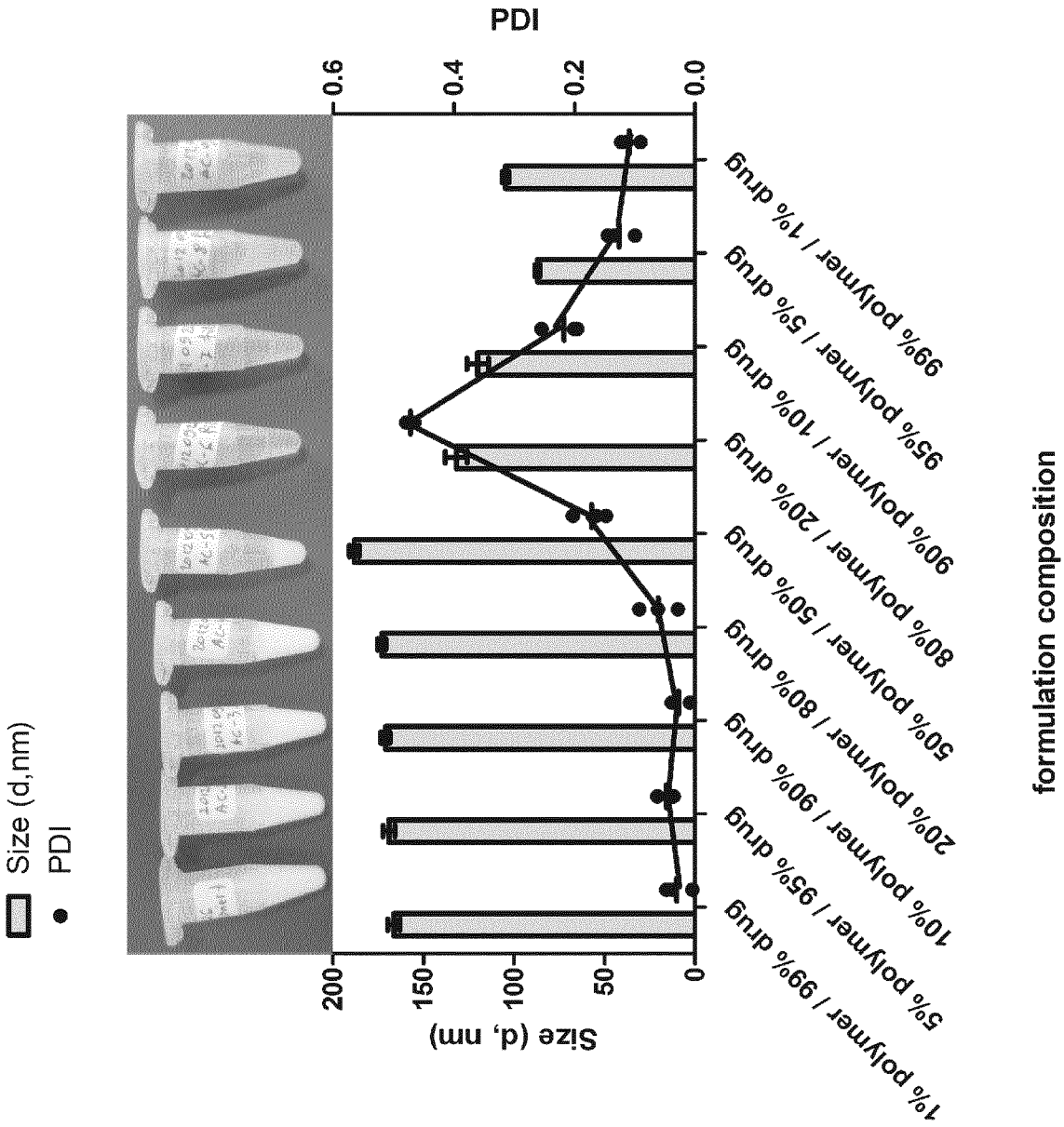

PDI
0.6
0.4
0.2
0.0
Size (d, nm)
200
150
100
50
0
Size (d,nm)
PDI
1% polymer / 99% drug
5% polymer / 95% drug
10% polymer / 90% drug
20% polymer / 80% drug
50% polymer / 50% drug
80% polymer / 20% drug
90% polymer / 10% drug
95% polymer / 5% drug
99% polymer / 1% drug
formulation composition

FIGURE 2

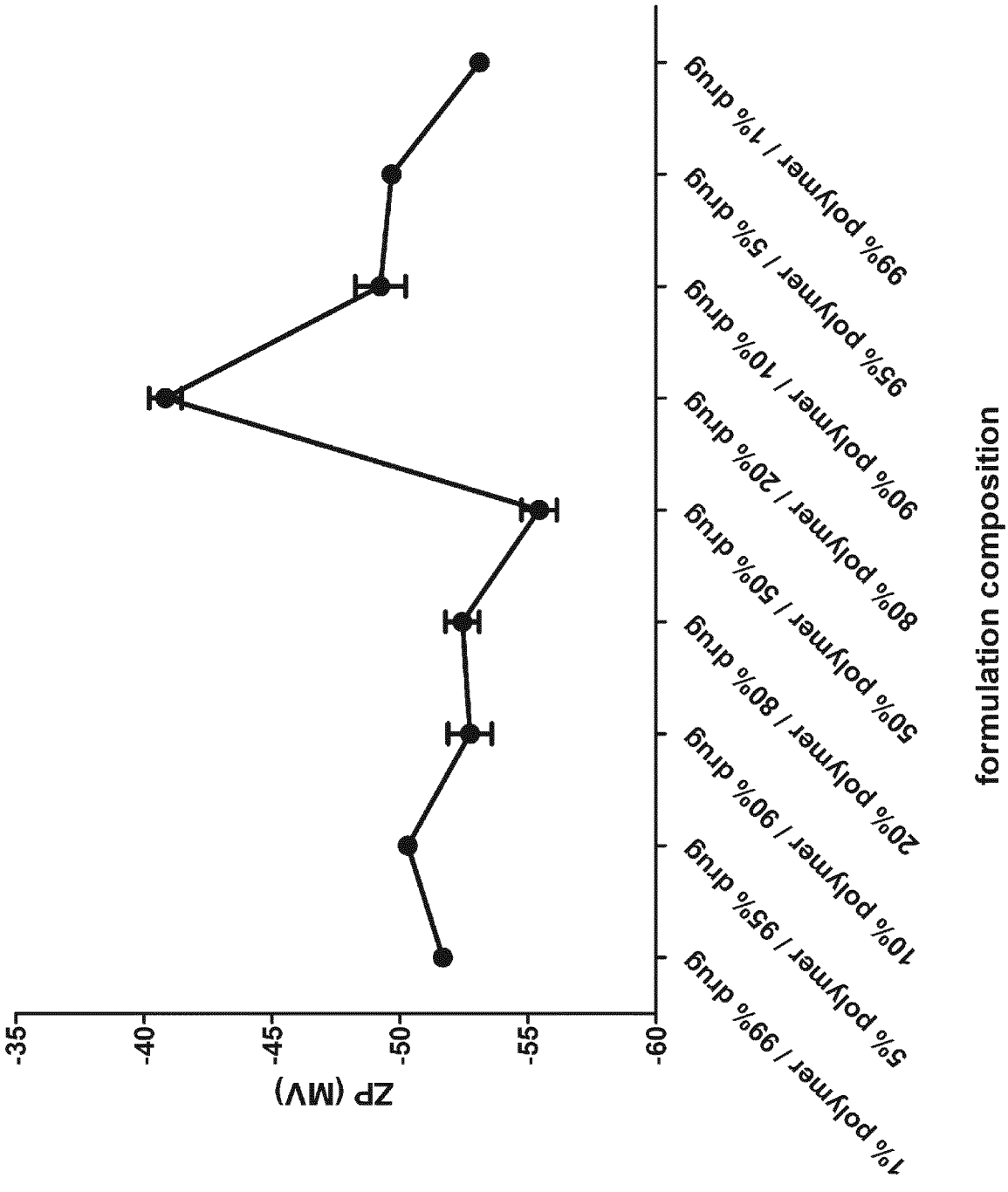

ZP (MV)
-35
-40
-45
-50
-55
-60
1% polymer / 99% drug
5% polymer / 95% drug
10% polymer / 90% drug
20% polymer / 80% drug
50% polymer / 50% drug
80% polymer / 20% drug
90% polymer / 10% drug
95% polymer / 5% drug
99% polymer / 1% drug
formulation composition

FIGURE 3

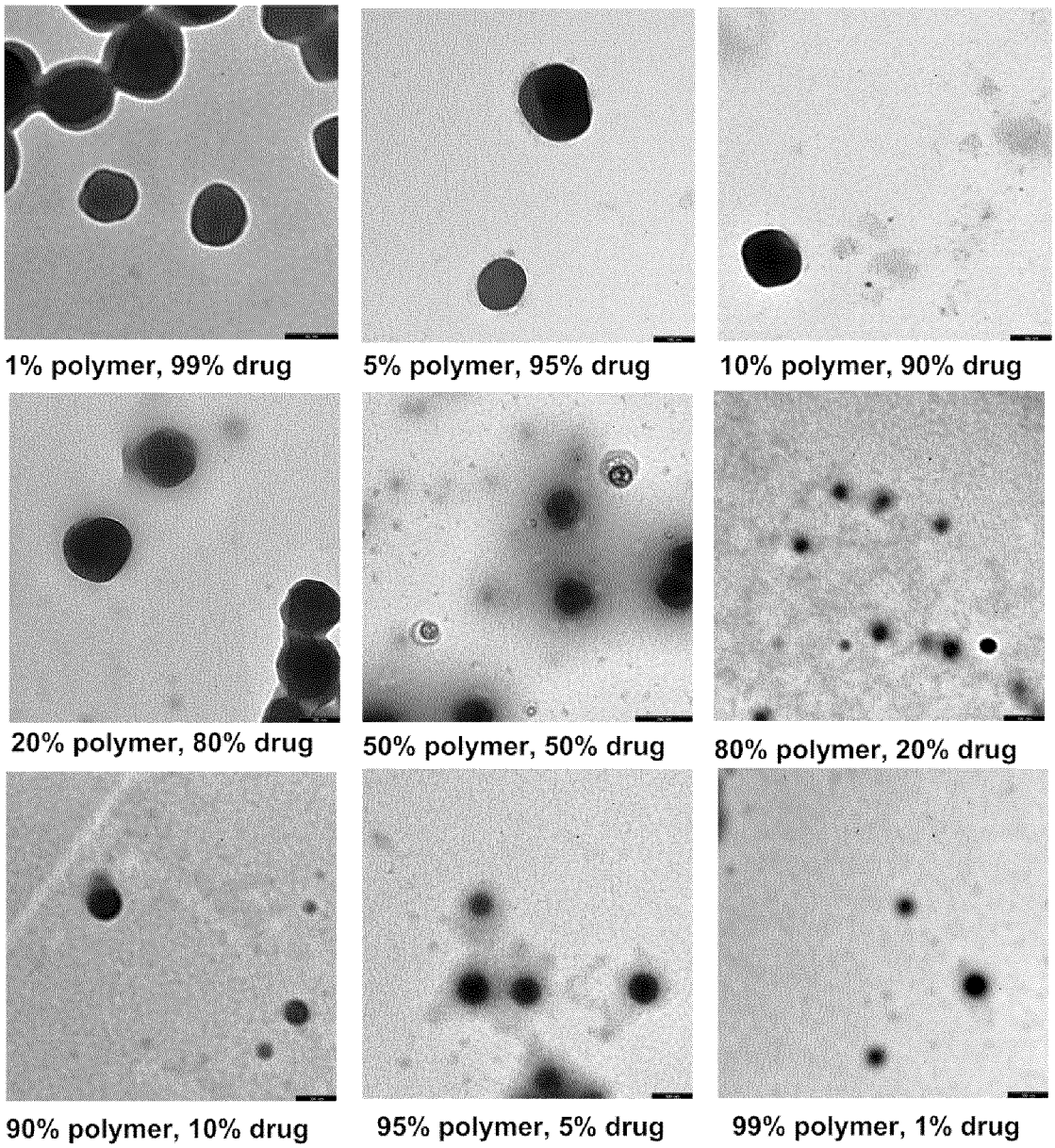

1% polymer, 99% drug
5% polymer, 95% drug
10% polymer, 90% drug
20% polymer, 80% drug
50% polymer, 50% drug
80% polymer, 20% drug
90% polymer, 10% drug
95% polymer, 5% drug
99% polymer, 1% drug

FIGURE 4

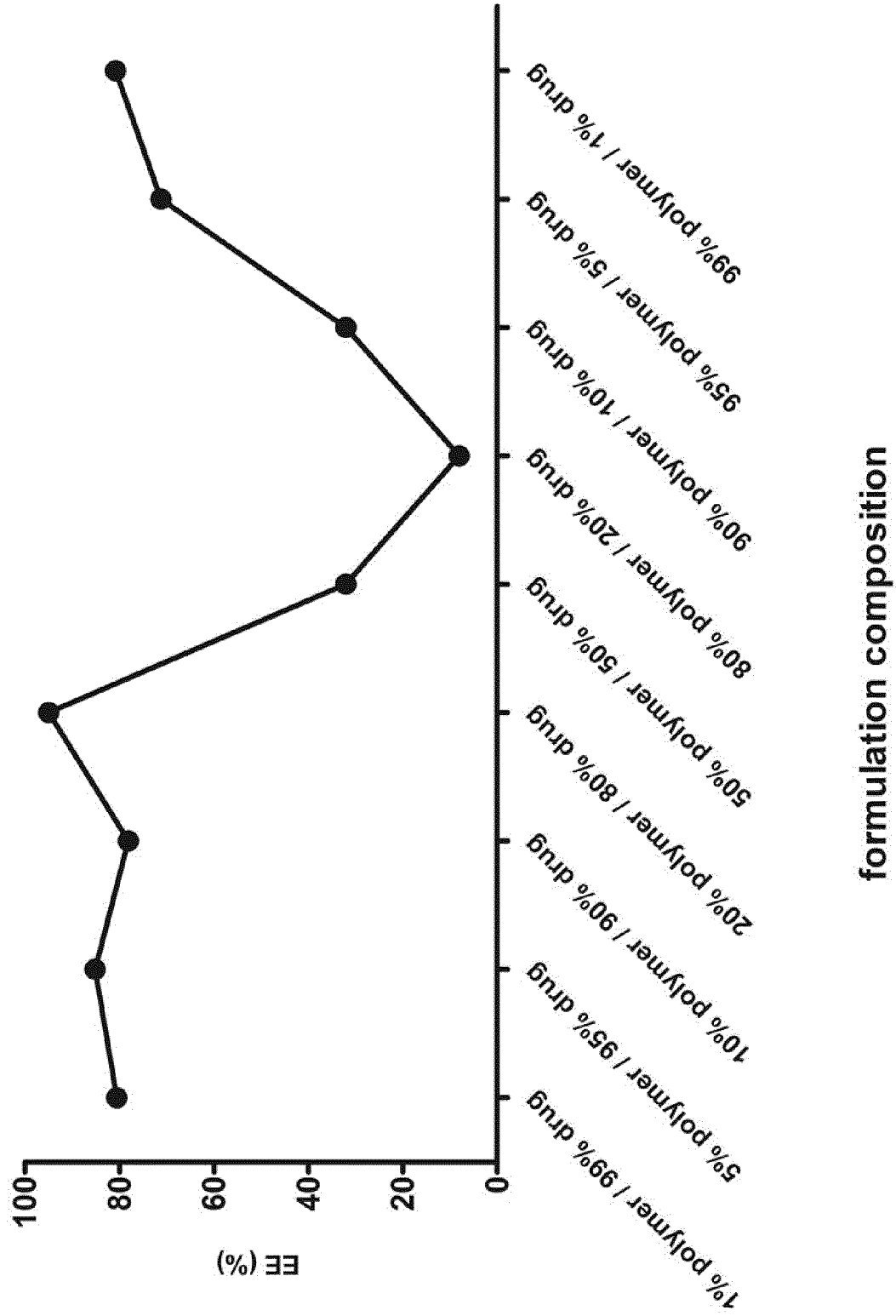

EE (%)
0
20
40
60
80
100
1% polymer / 99% drug
5% polymer / 95% drug
10% polymer / 90% drug
20% polymer / 80% drug
50% polymer / 50% drug
80% polymer / 20% drug
90% polymer / 10% drug
95% polymer / 5% drug
99% polymer / 1% drug
formulation composition

FIGURE 5

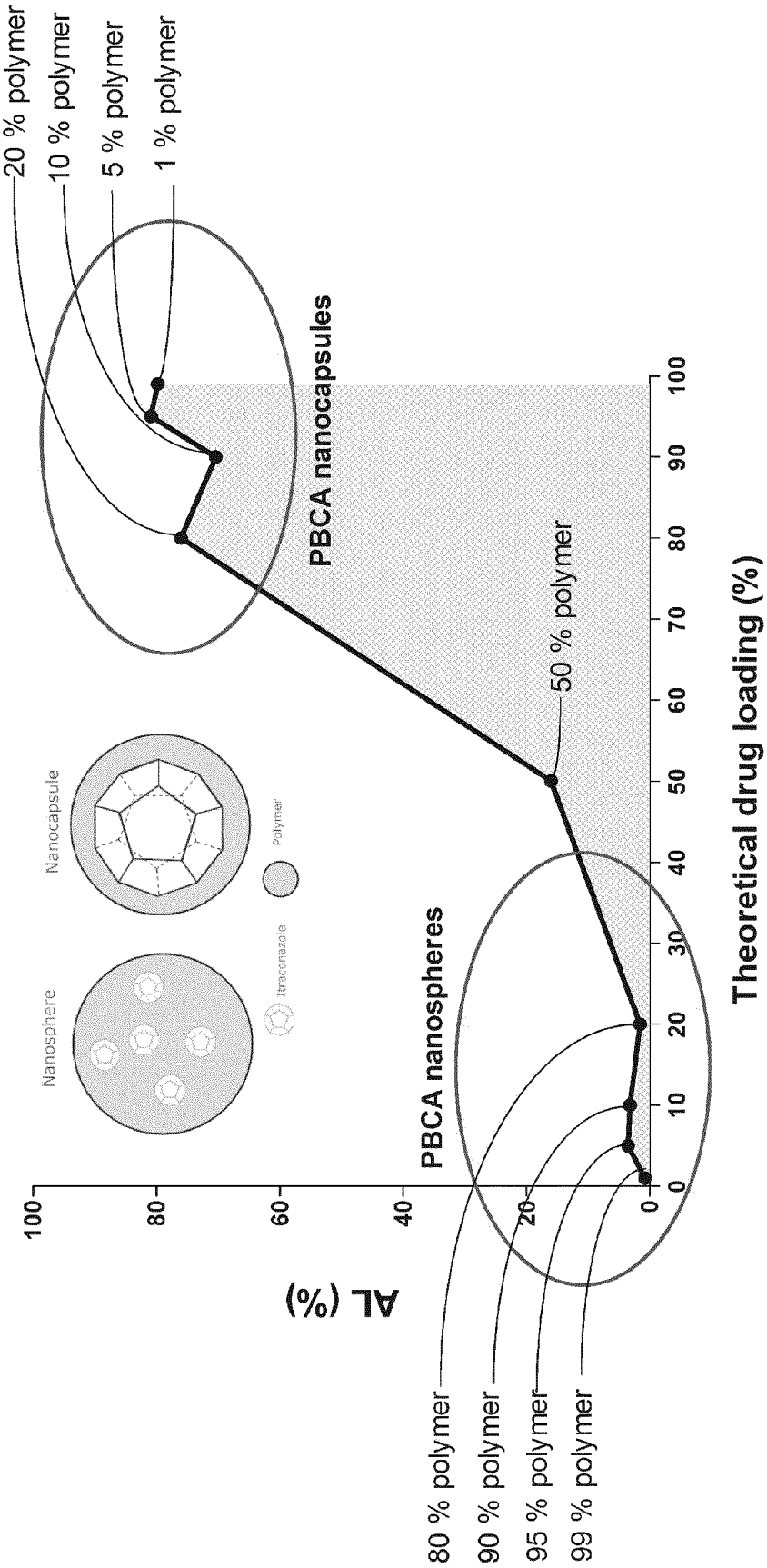

20 % polymer
10 % polymer
5 % polymer
1 % polymer
PBCA nanocapsules
50 % polymer
PBCA nanospheres
80 % polymer
90 % polymer
95 % polymer
99 % polymer
Nanocapsule
Polymer
Nanosphere
Itraconazole
AL (%)
Theoretical drug loading (%)
0
10
20
30
40
50
60
70
80
90
100
0
20
40
60
80
100

FIGURE 6

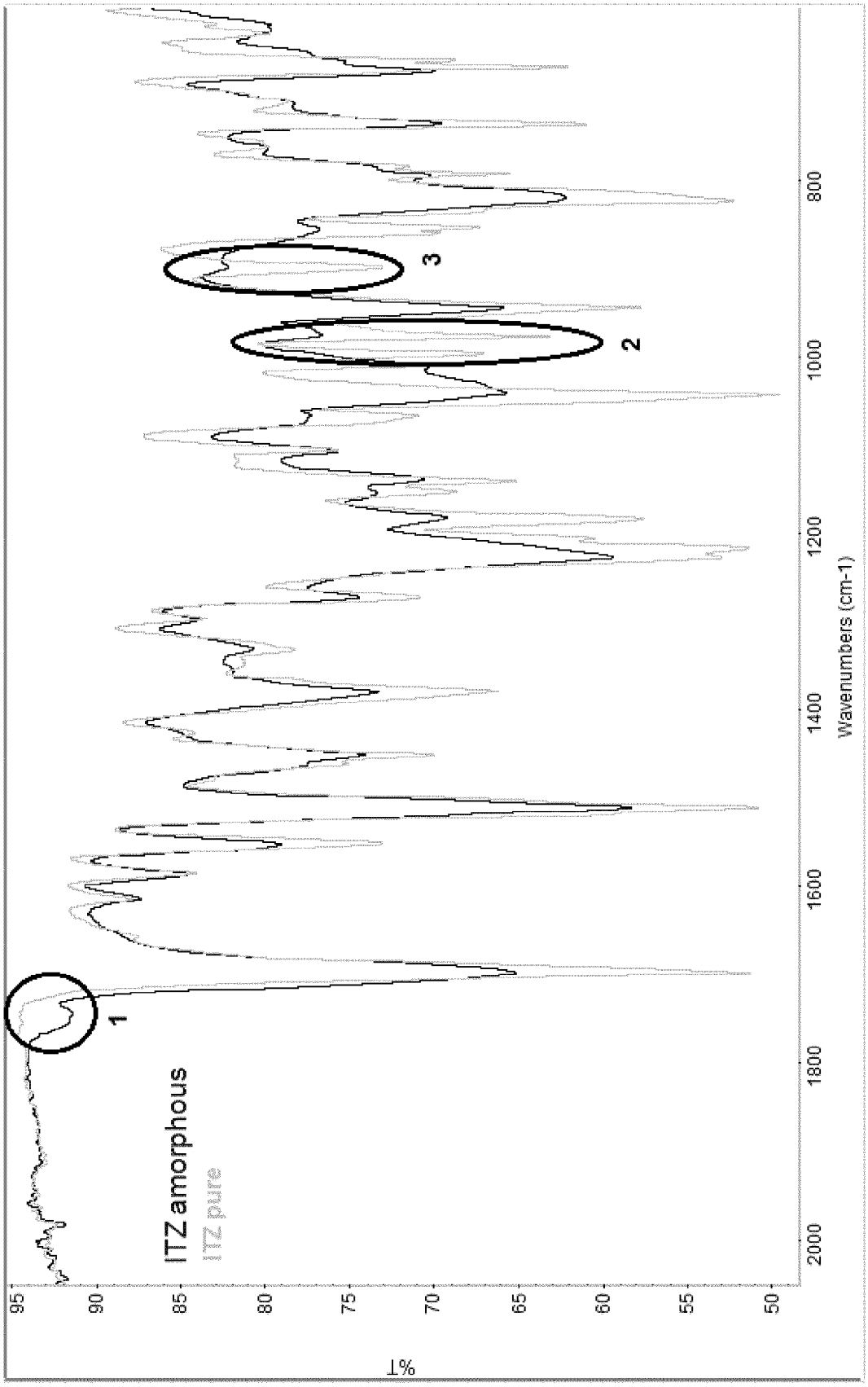
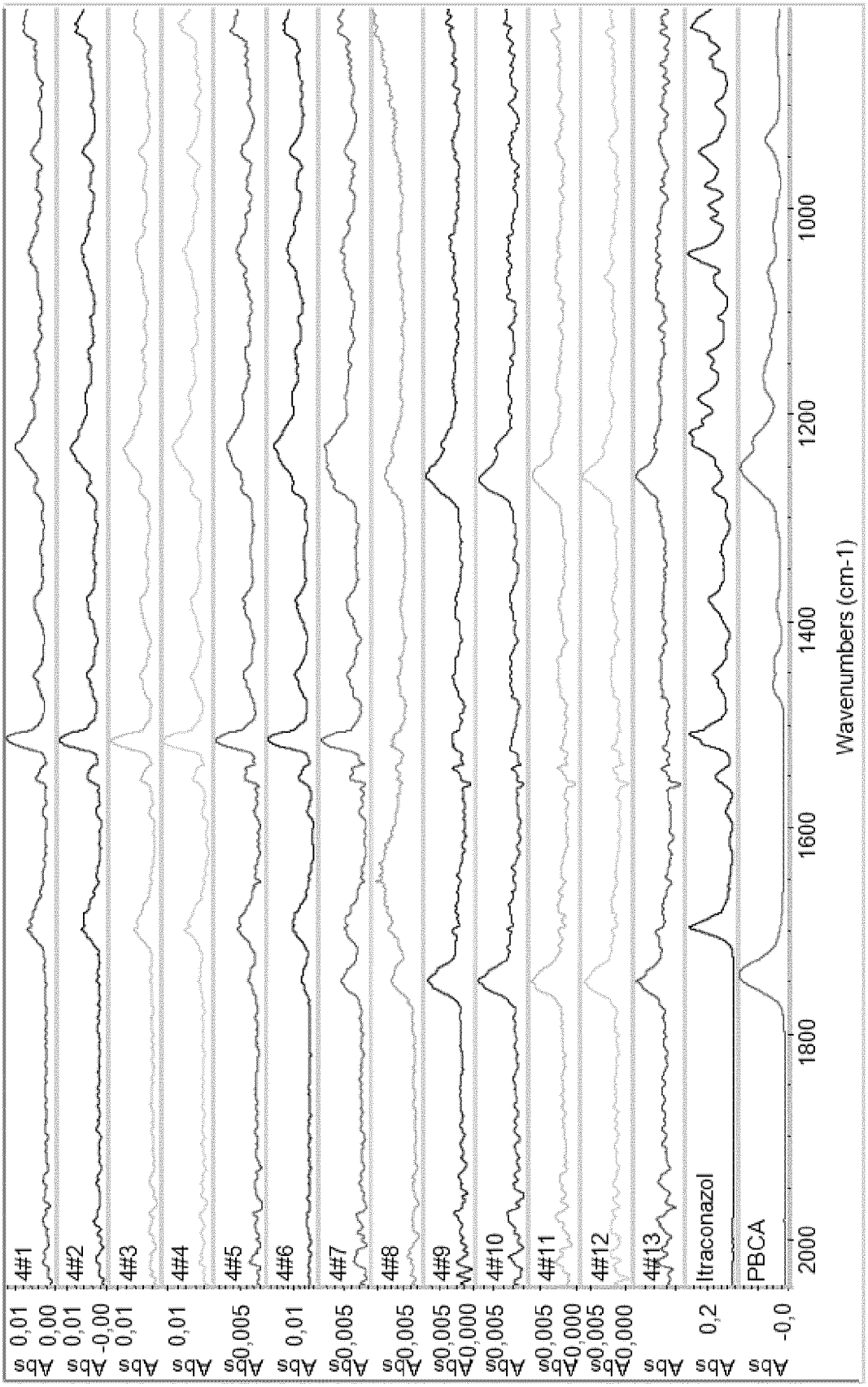

ITZ amorphous
ITZ pure
1
2
3
%T
Wavenumbers (cm-1)
95
90
85
80
75
70
65
60
55
50
2000
1800
1600
1400
1200
1000
800

FIGURE 7


4#1
4#2
4#3
4#4
4#5
4#6
4#7
4#8
4#9
4#10
4#11
4#12
4#13
Itraconazol
PBCA
Abs
Wavenumbers (cm-1)
2000
1800
1600
1400
1200
1000