FIG. 1

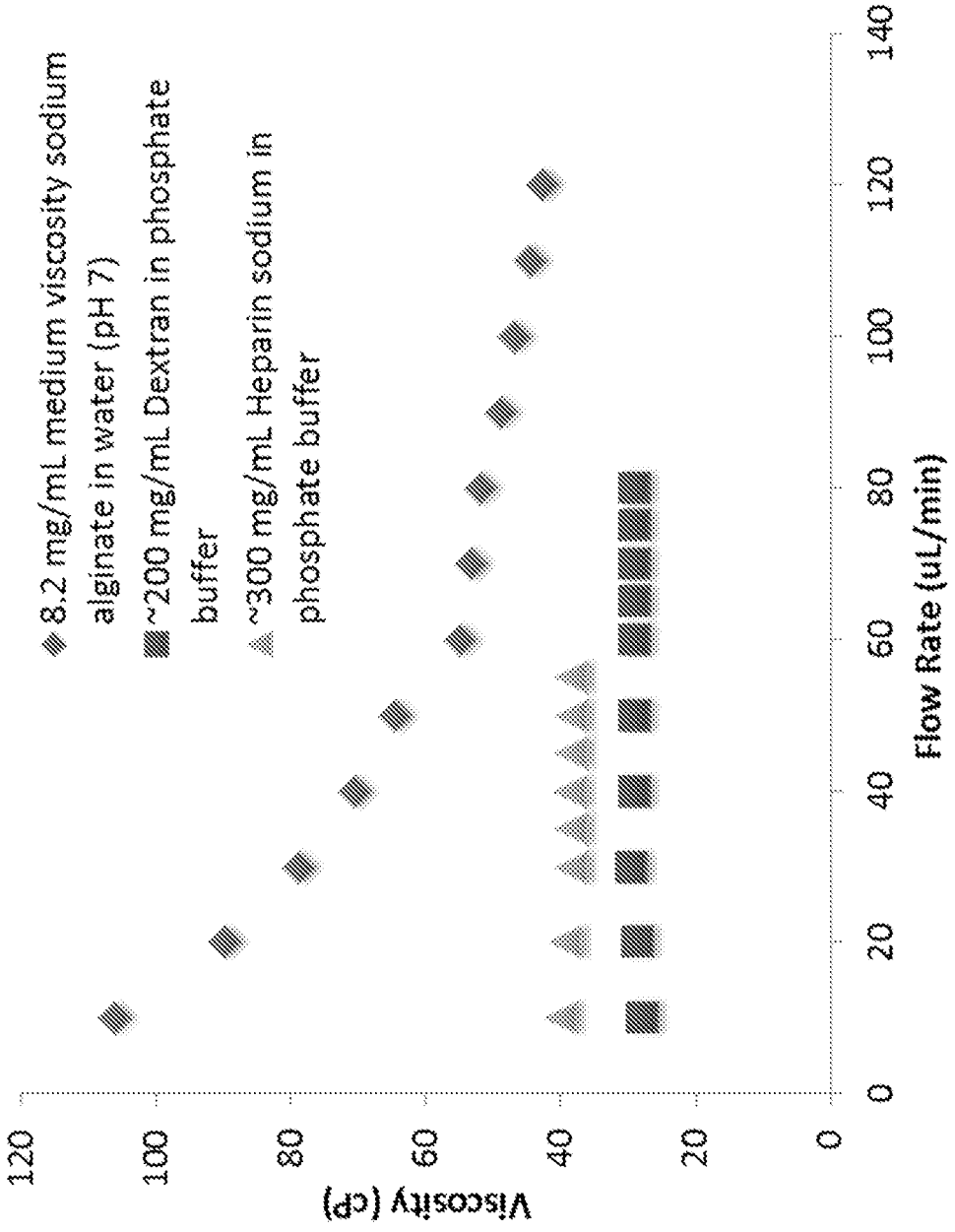

8.2 mg/mL medium viscosity sodium alginate in water (pH 7)
~200 mg/mL Dextran in phosphate buffer
~300 mg/mL Heparin sodium in phosphate buffer
Viscosity (cP)
Flow Rate (uL/min)
0
20
40
60
80
100
120
140

FIG. 2

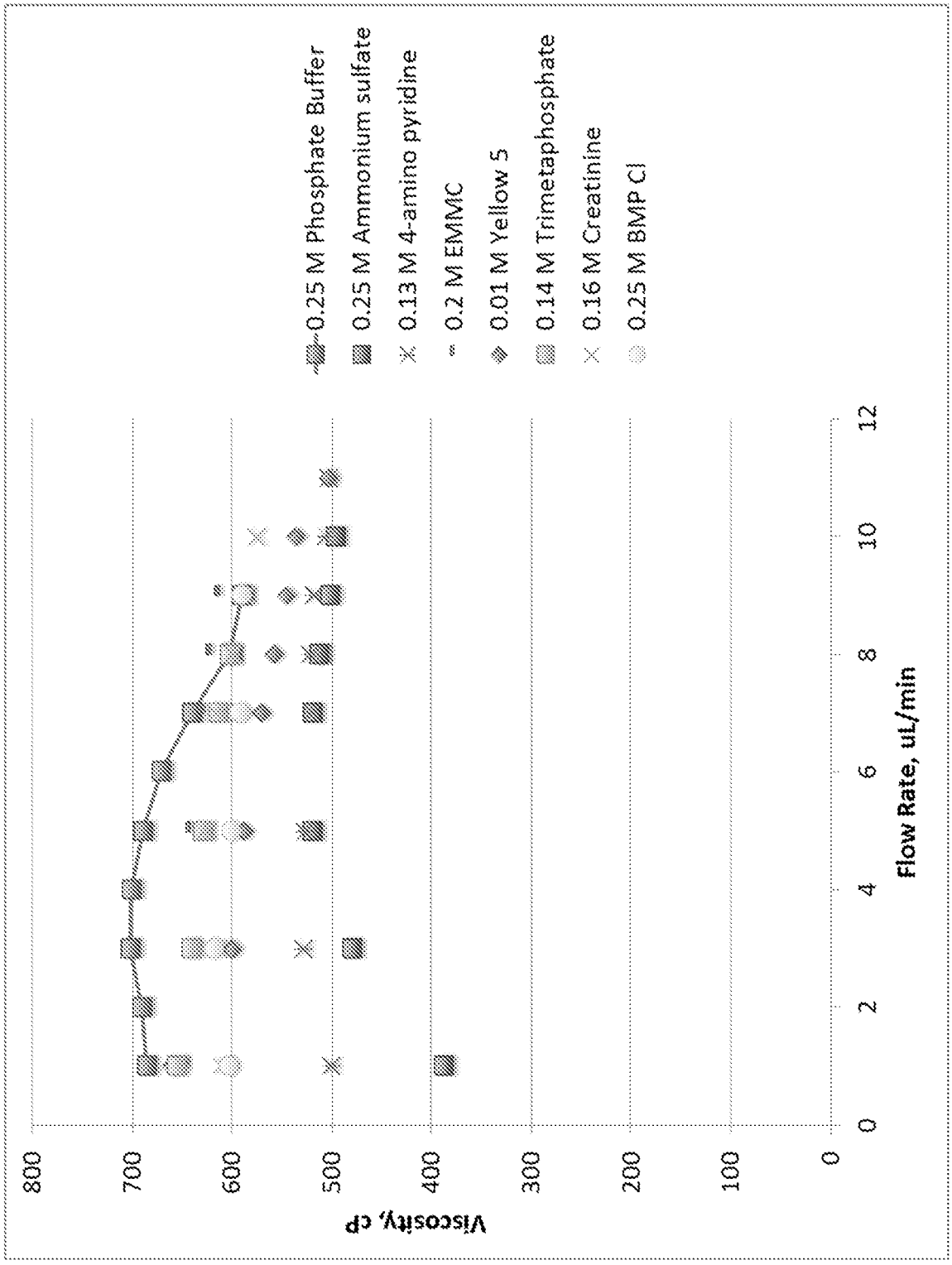
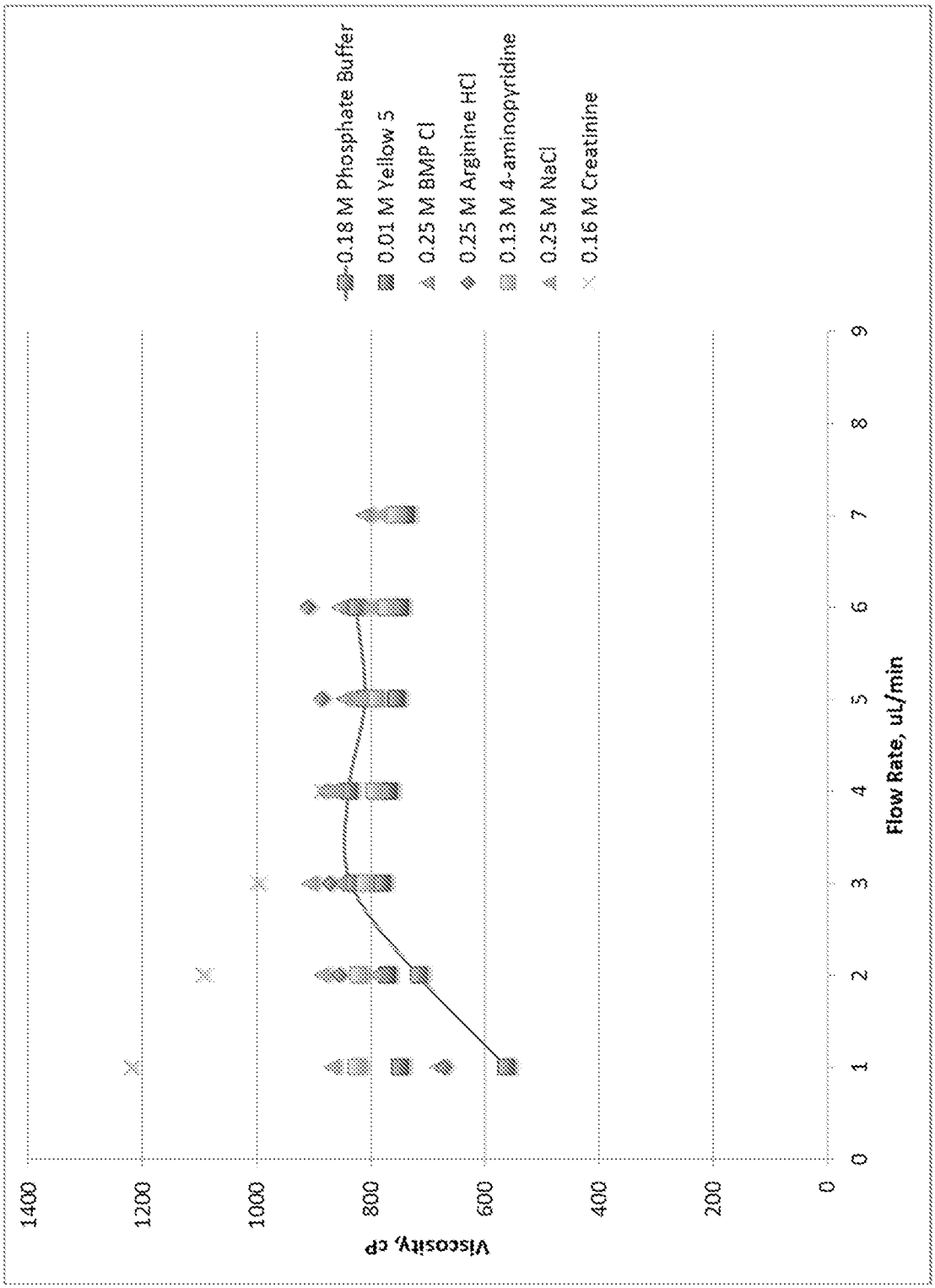

Viscosity, cP
800
700
600
500
400
300
200
100
0
0
2
4
6
8
10
12
Flow Rate, uL/min
0.25 M Phosphate Buffer
0.25 M Ammonium sulfate
0.13 M 4-amino pyridine
0.2 M EMMC
0.01 M Yellow 5
0.14 M Trimetaphosphate
0.16 M Creatinine
0.25 M BMP Cl

FIG. 3


0.18 M Phosphate Buffer
0.01 M Yellow 5
0.25 M BMP Cl
0.25 M Arginine HCl
0.13 M 4-aminopyridine
0.25 M NaCl
0.16 M Creatinine
Viscosity, cP
1400
1200
1000
800
600
400
200
0
0 1 2 3 4 5 6 7 8 9
Flow Rate, uL/min