

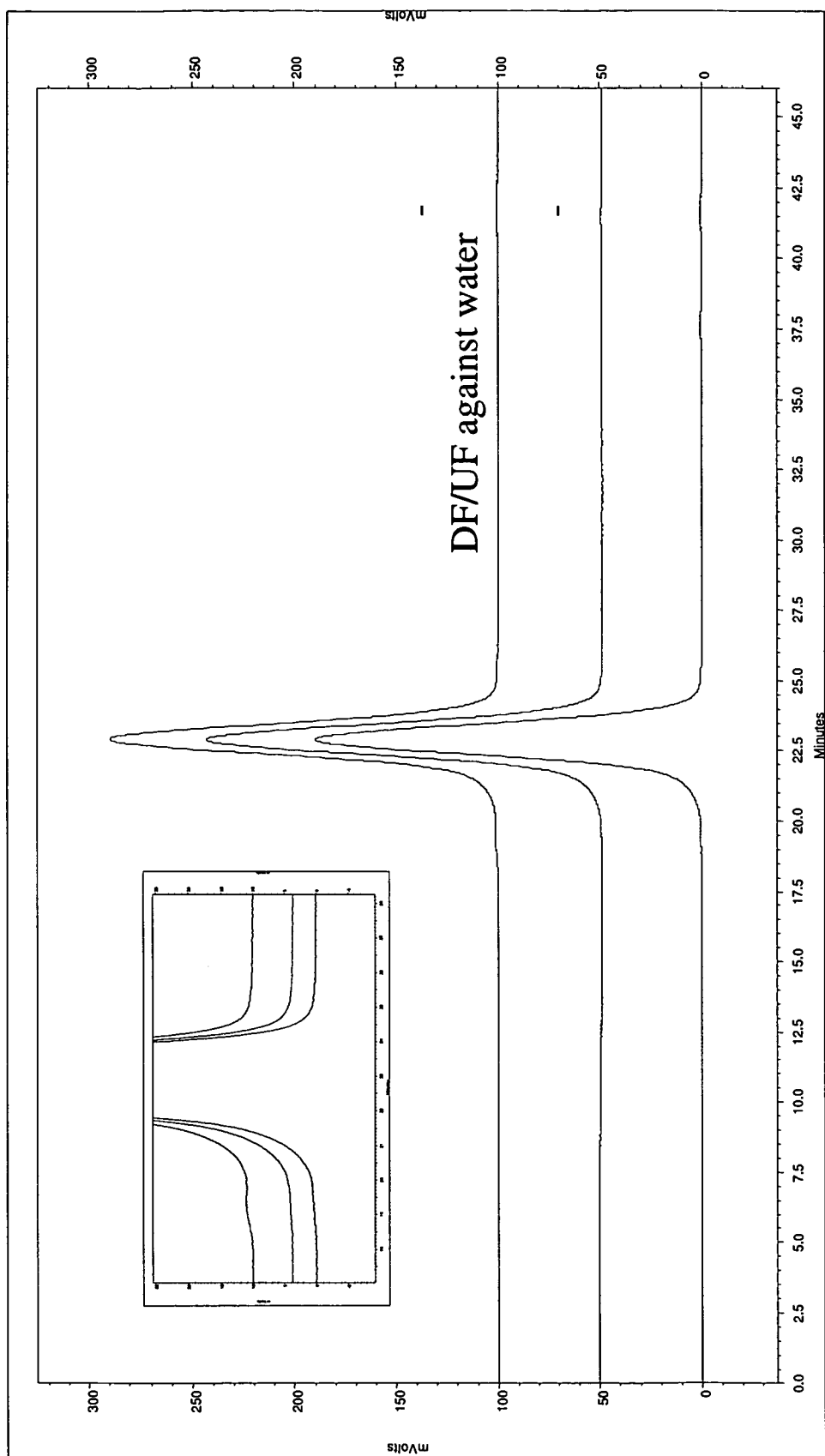


Figure 1

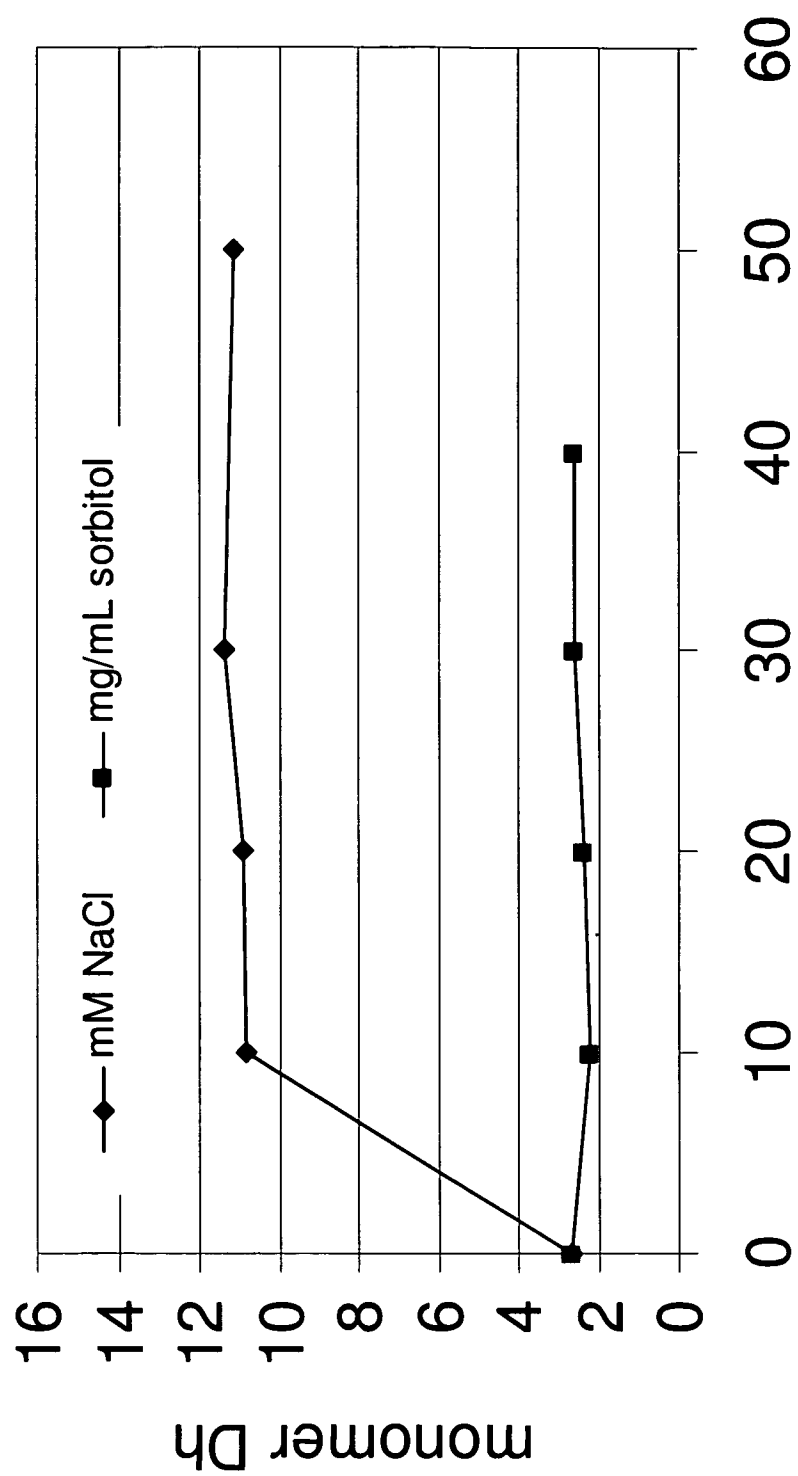


Figure 2

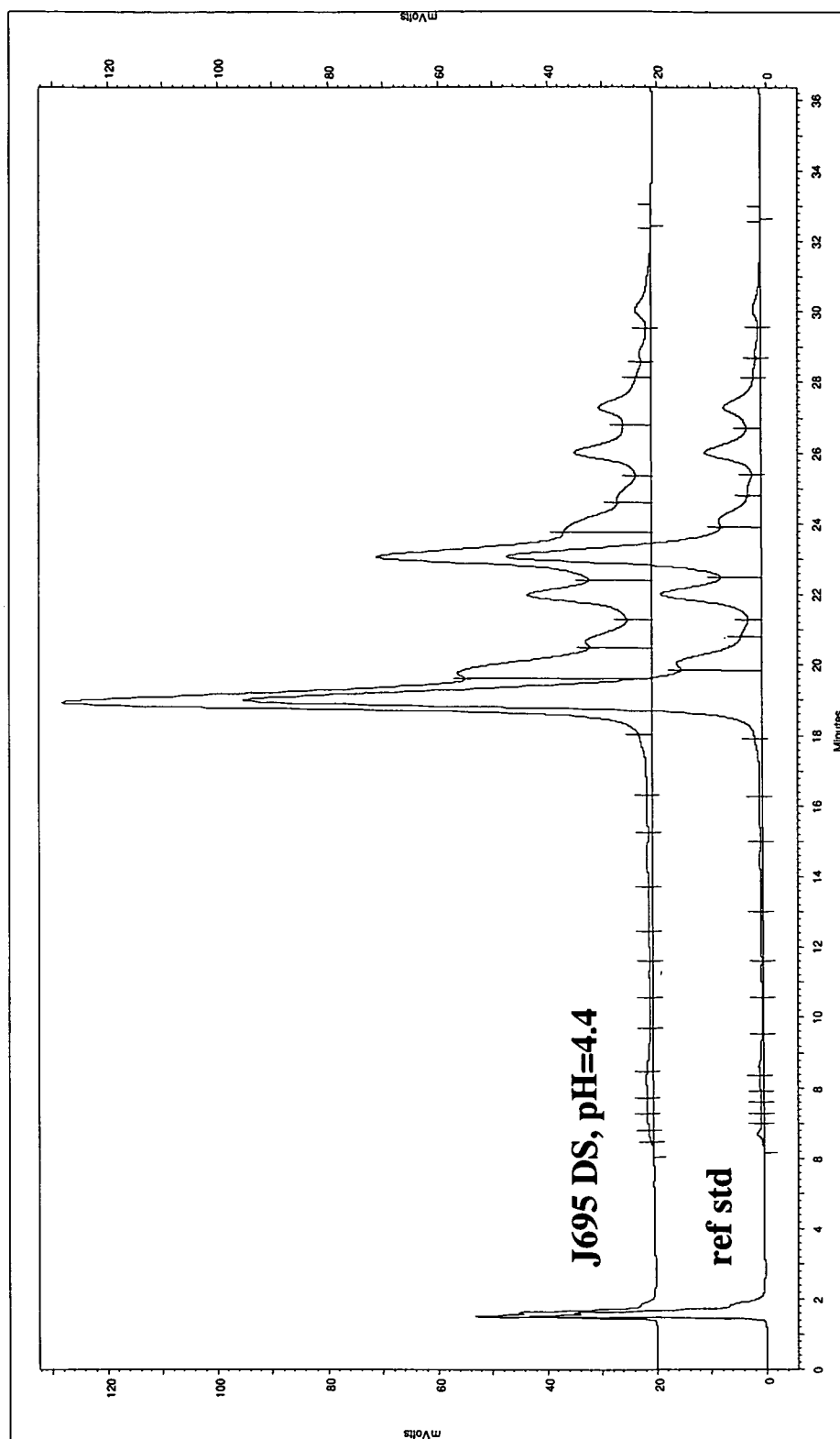


Figure 3

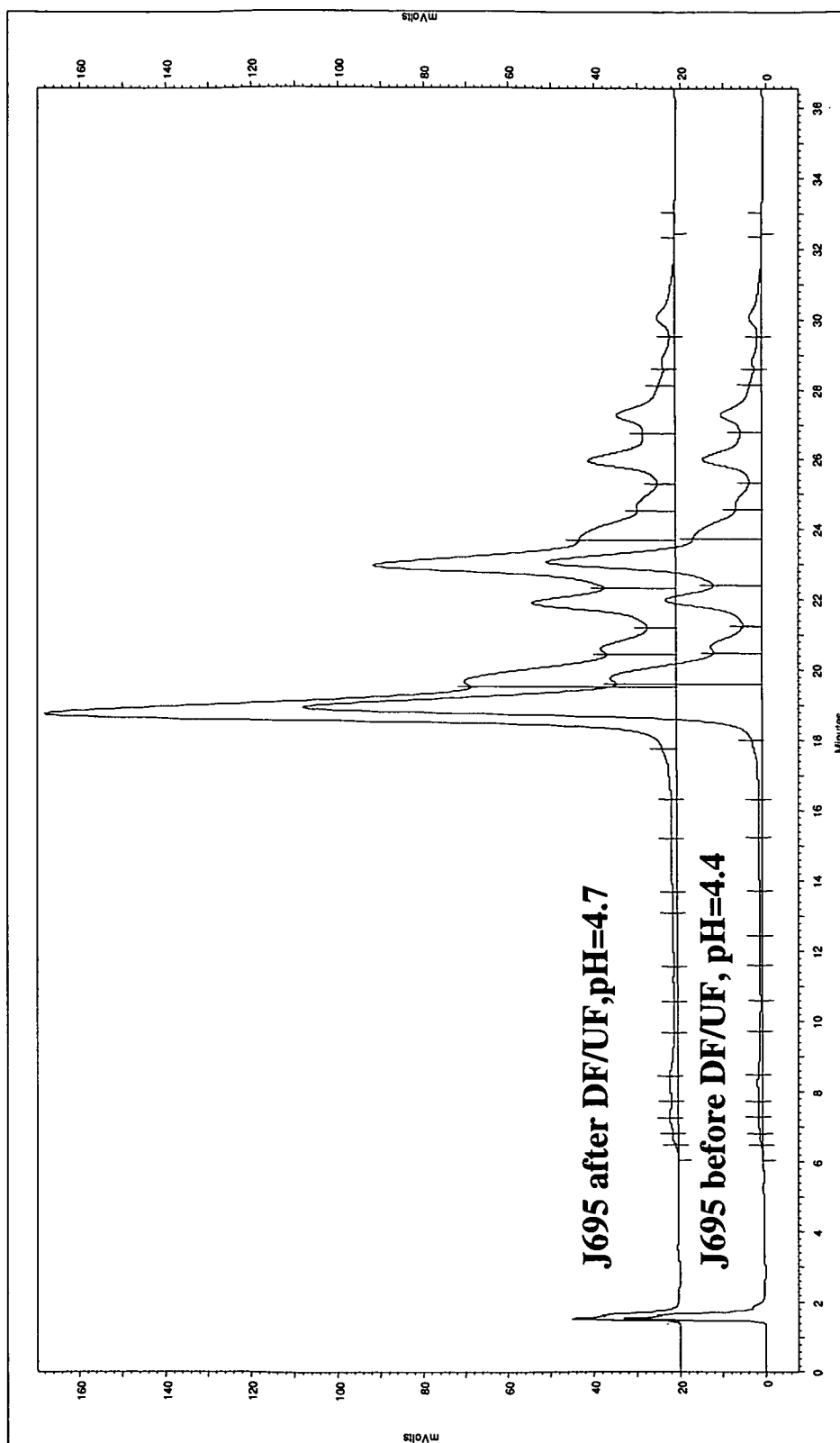


Figure 4

Figure 5

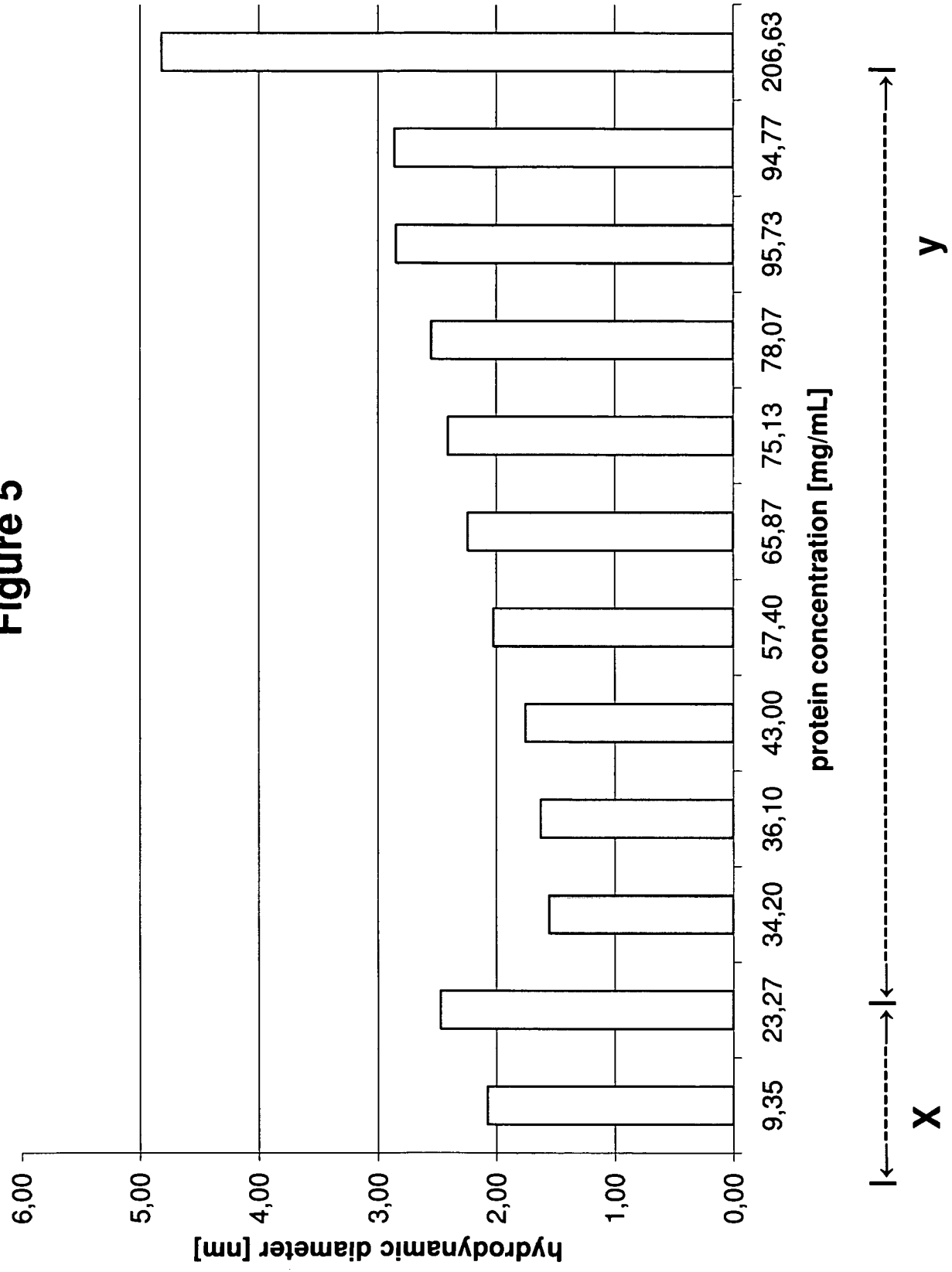


Figure 6

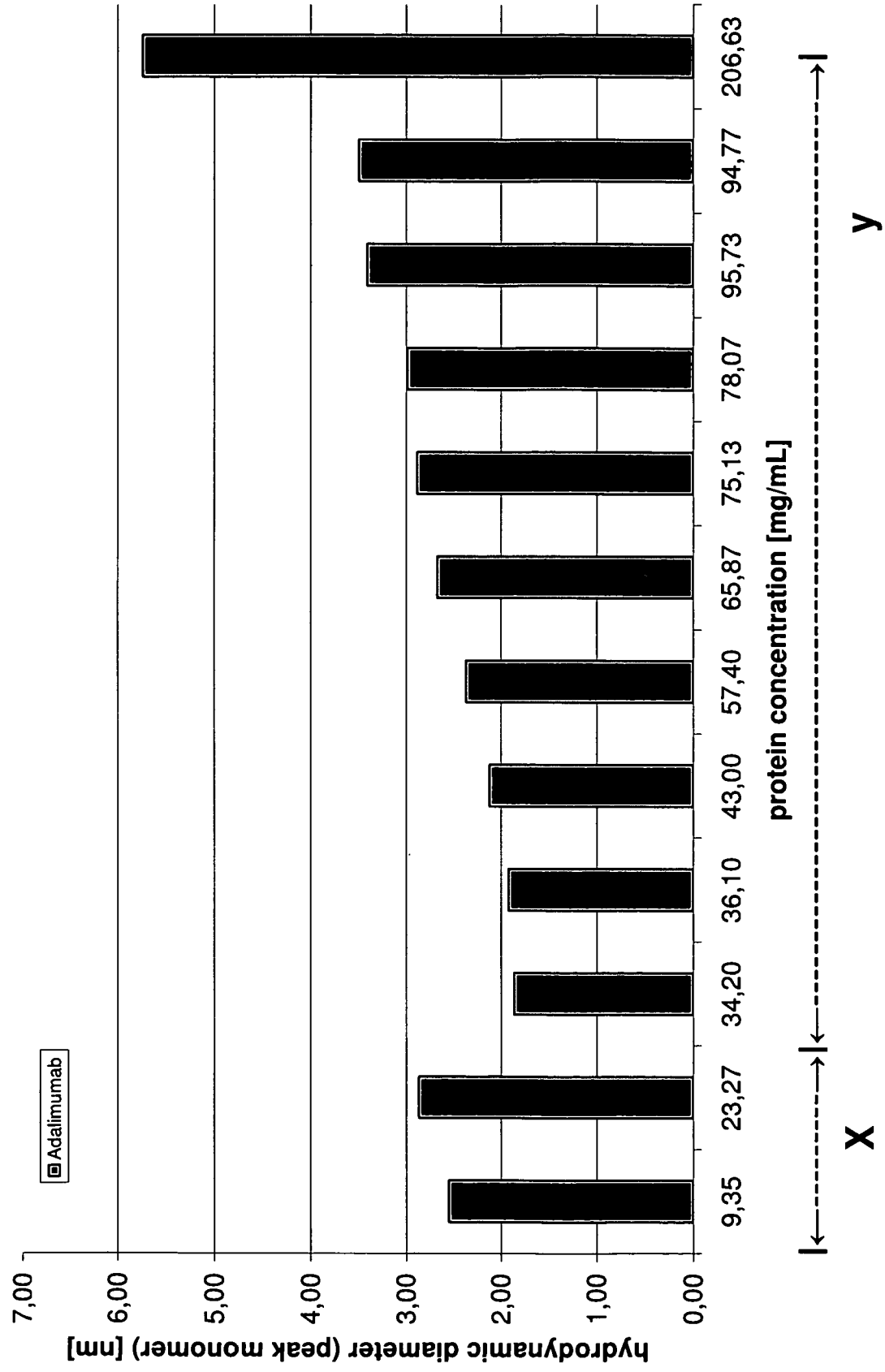


Figure 7

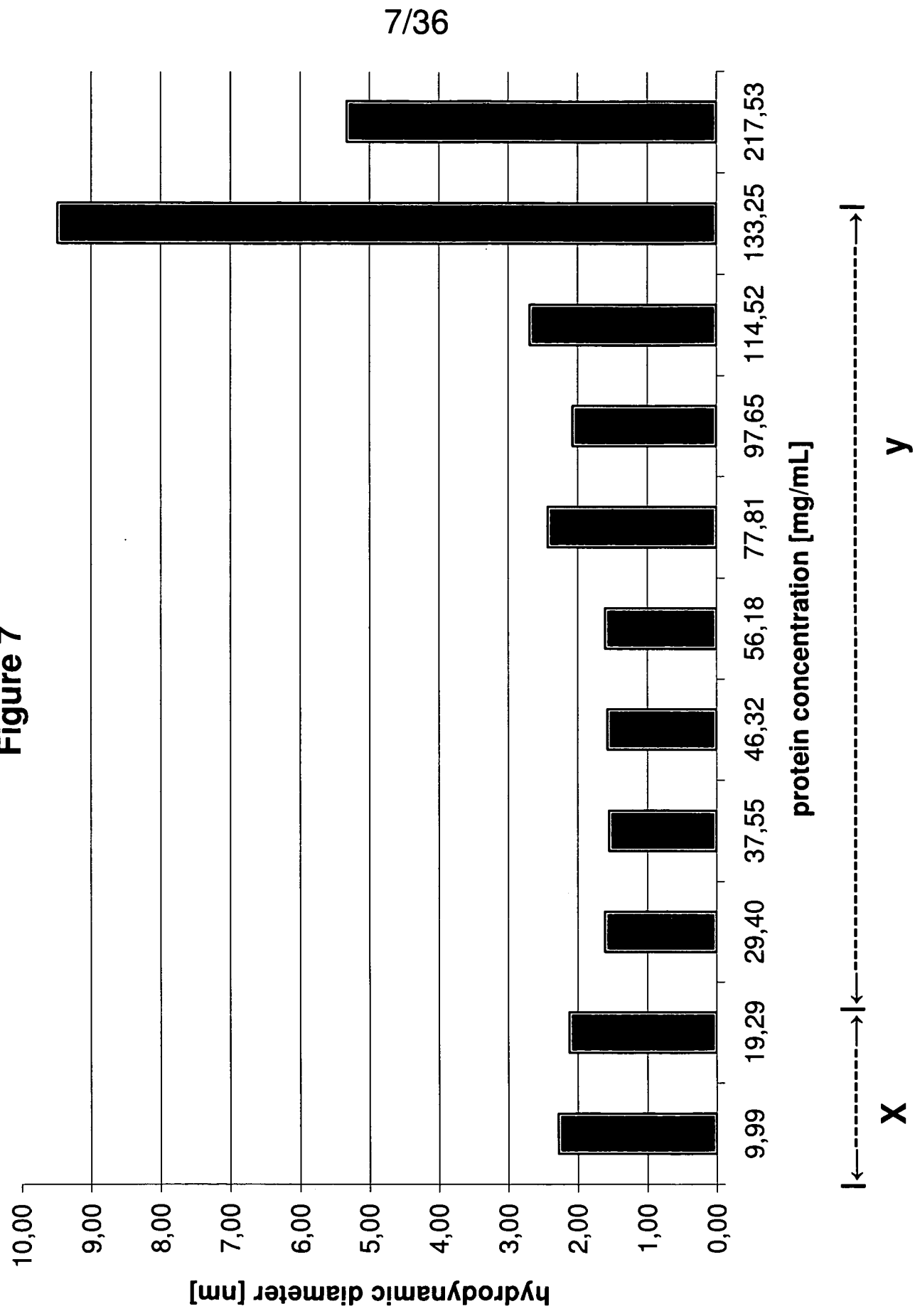


Figure 8

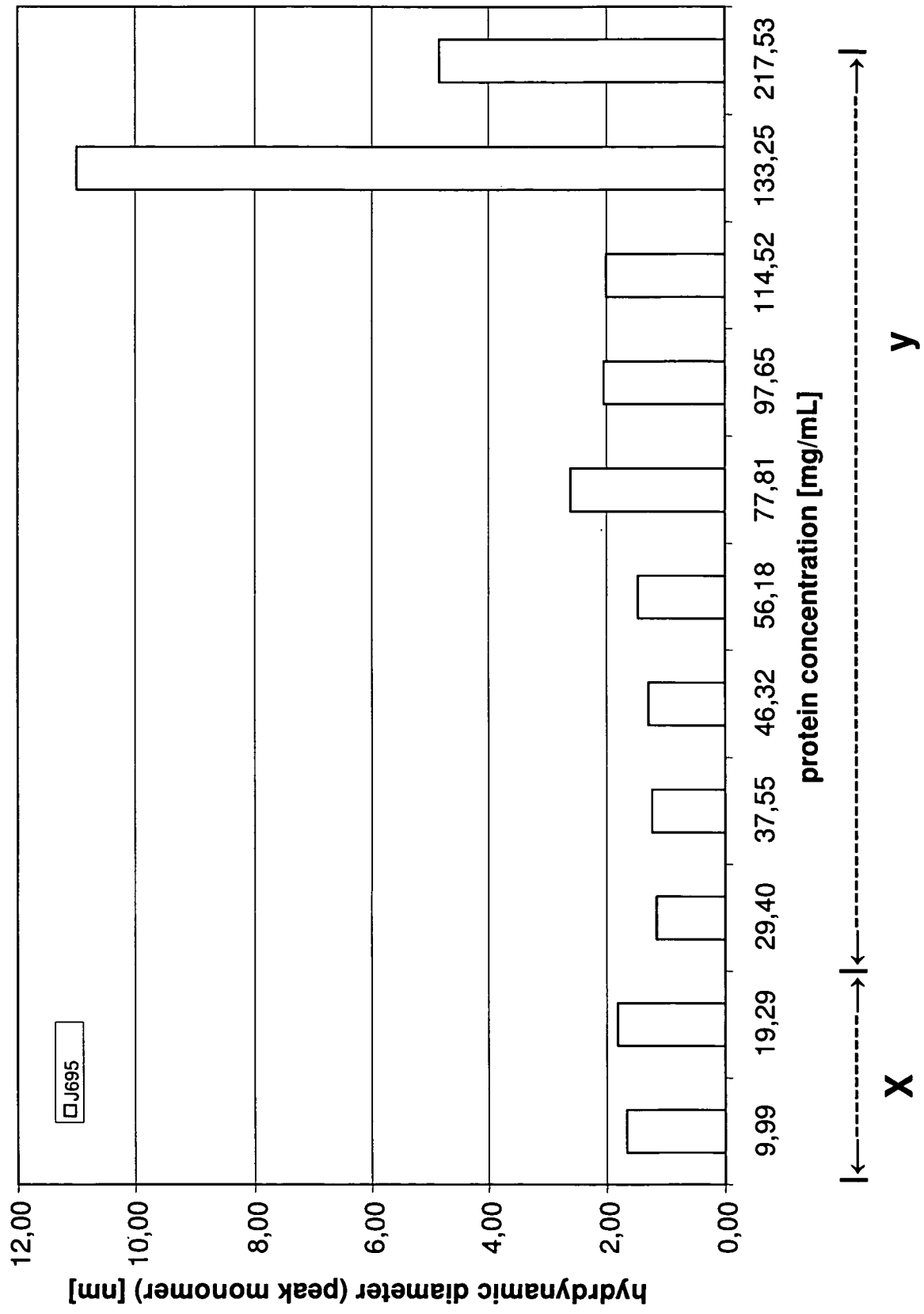


Figure 9

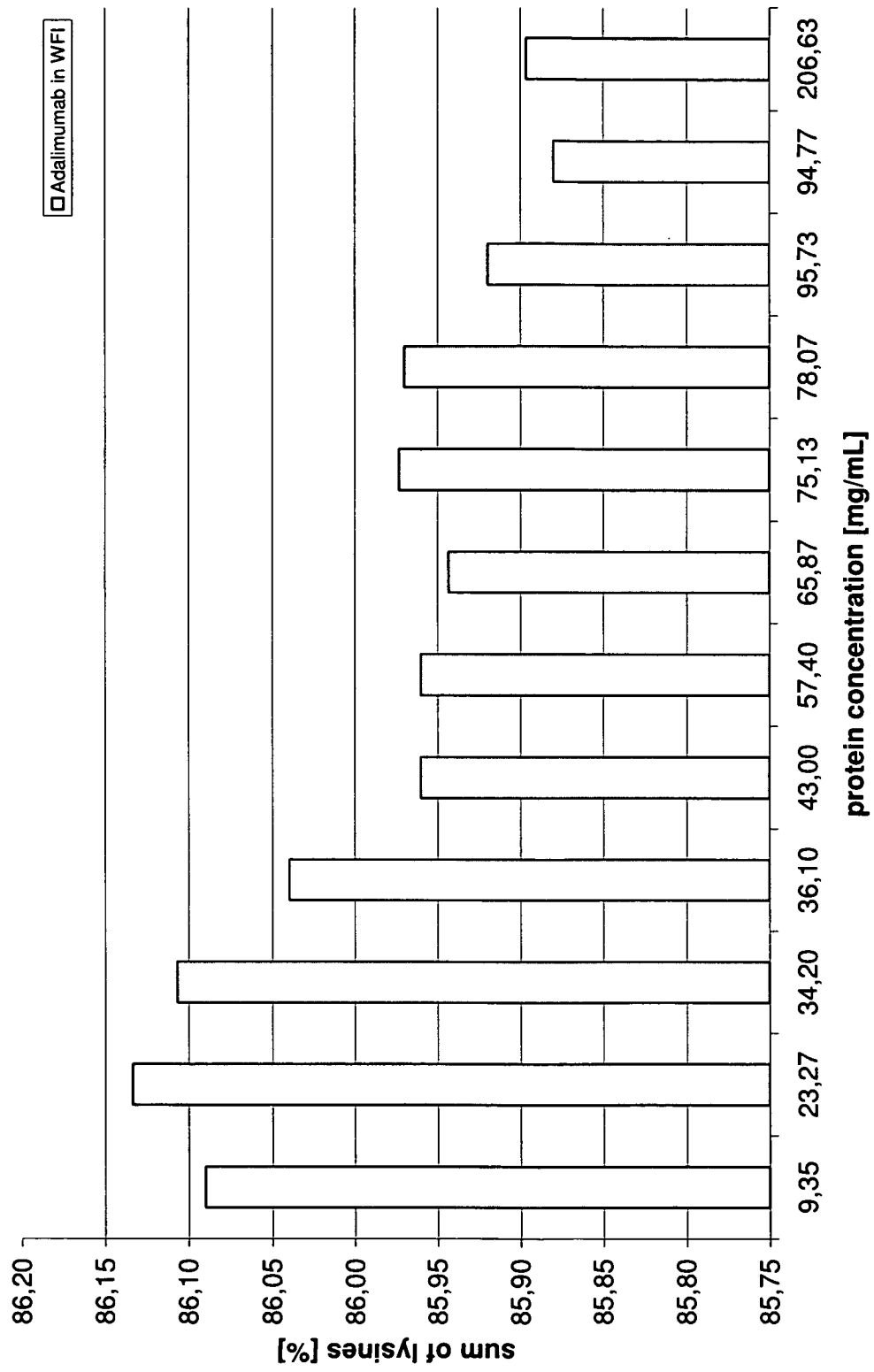


Figure 10

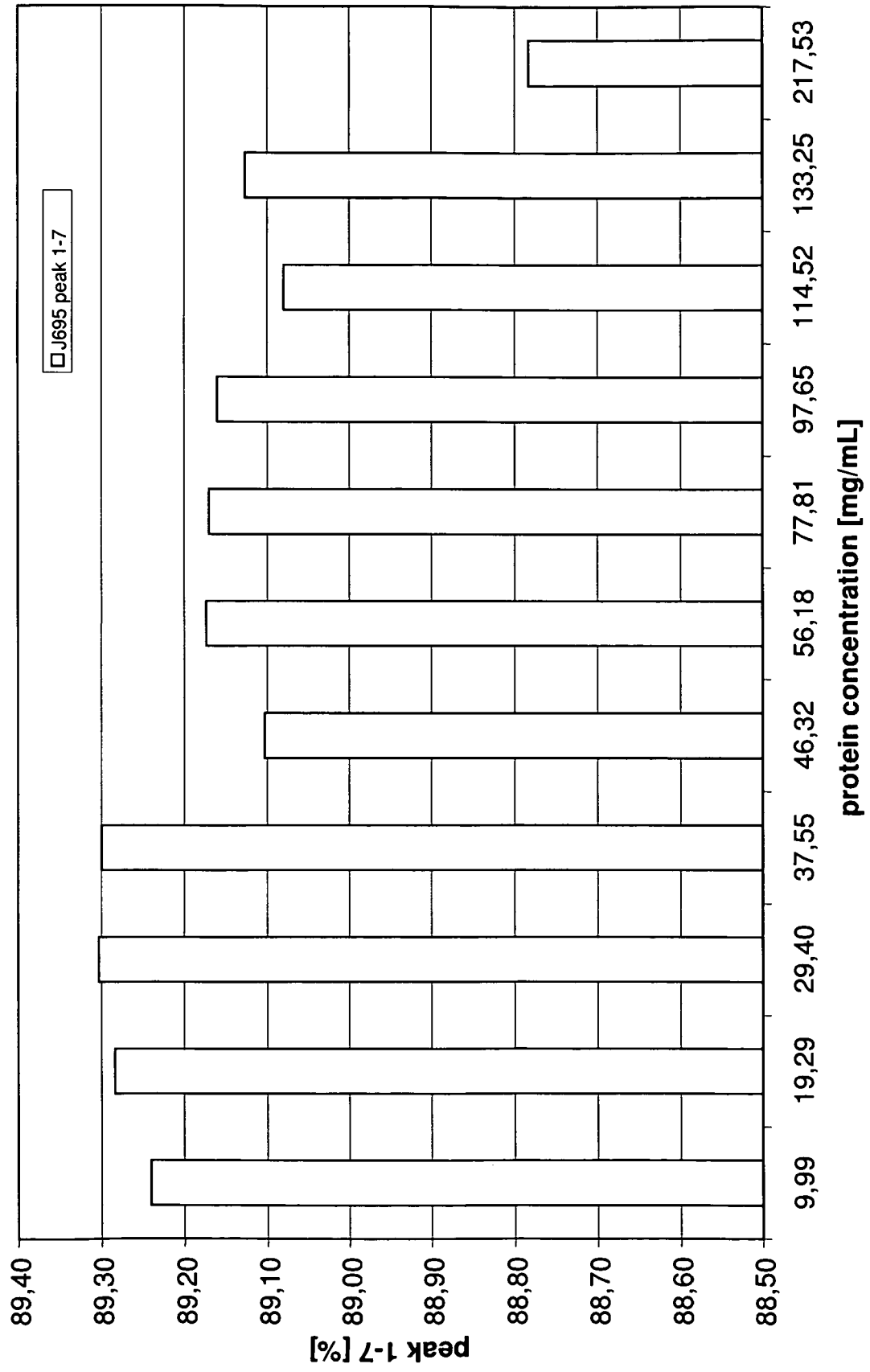


Figure 11

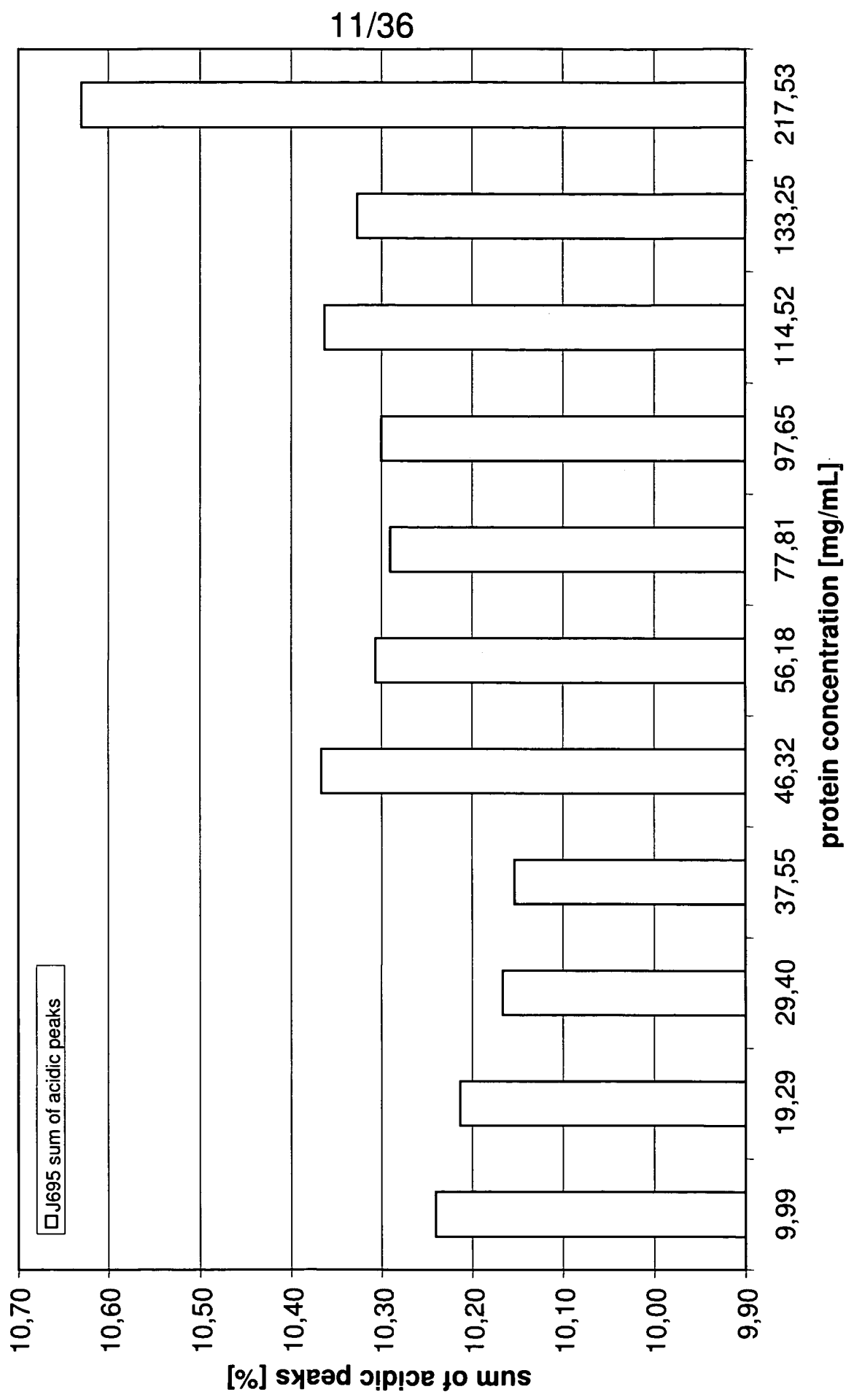


Figure 12

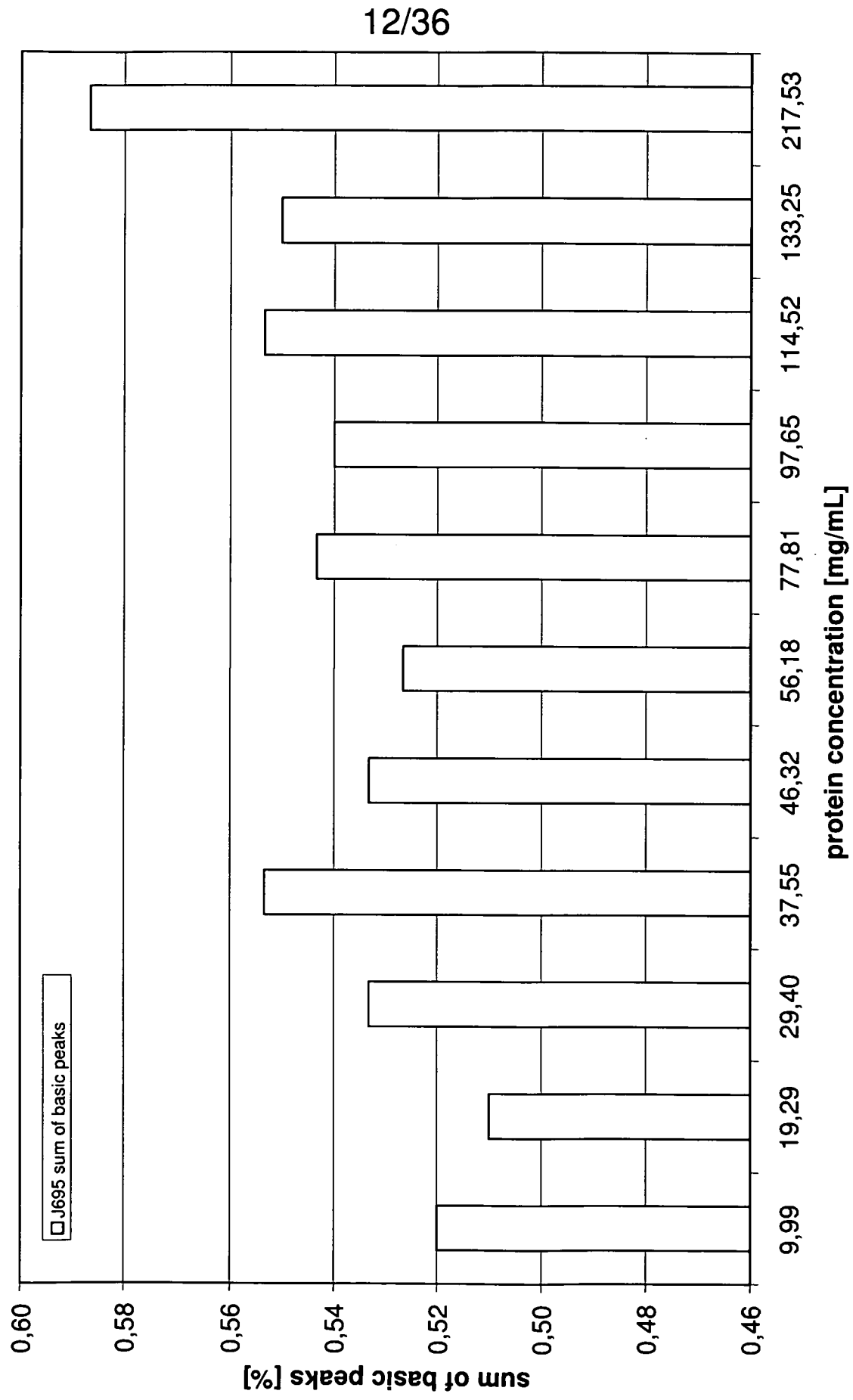
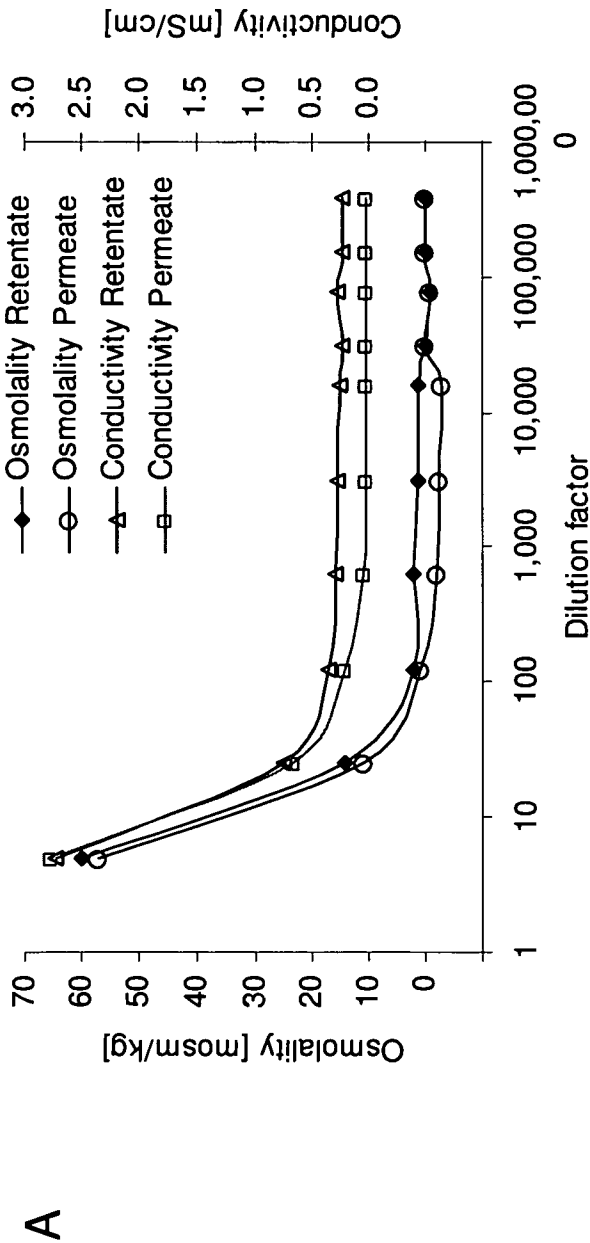


Figure 13



B

Dilution / Exchange Factor	start conditions	5	25	125	625	3125	15652	31250	78125	156250	390625
Retentate pH	5.26	5.37	5.35	5.35	5.36	5.40	5.44	5.56	5.44	5.58	5.62
Retentate osmolality	305	60	14	2	2	1	1	0	-1	0	0
Retentate Conductivity	11.7	2.74	0.74	0.34	0.30	0.27	0.25	0.23	0.26	0.22	0.22
Permeate pH	5.88	5.38	5.32	5.06	5.13	5.02	4.52	5.91	4.84	5.66	5.47
Permeate Osmo	1.0	57.0	10.8	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Permeate Conductivity	0.01	2.77	0.66	0.19	0.04	0.02	0.02	0.01	0.01	0.01	0.02

Figure 14

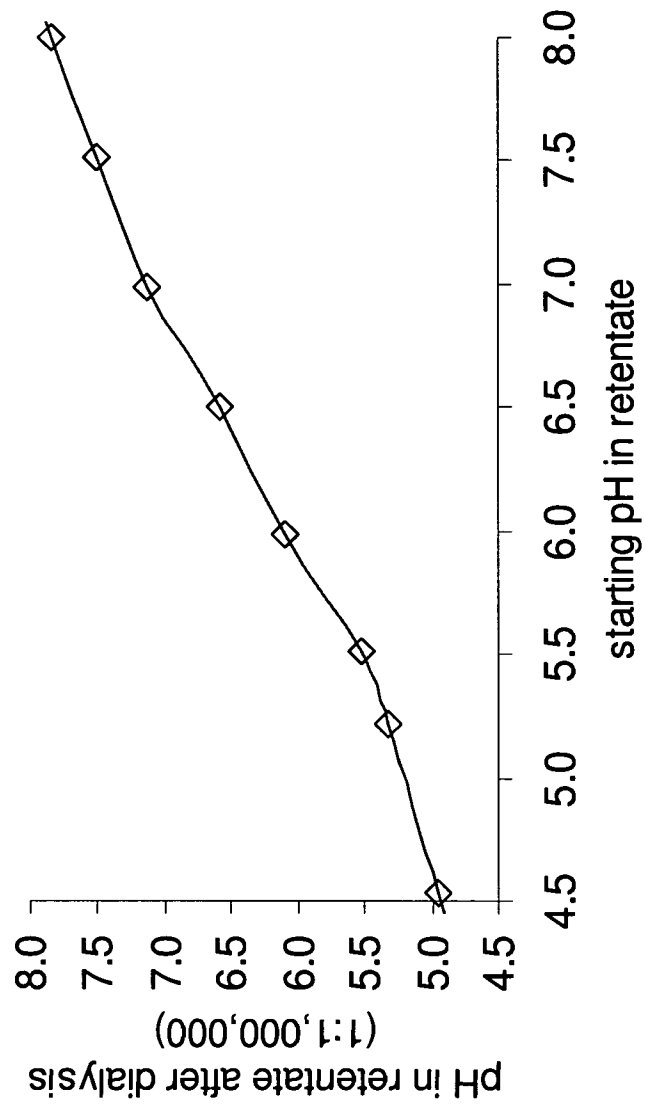
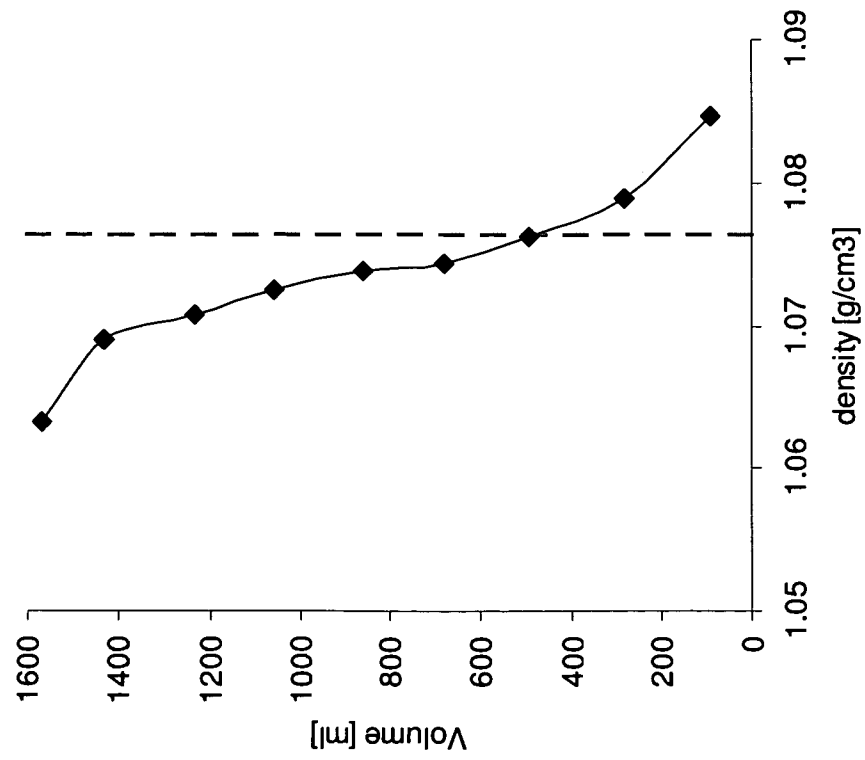
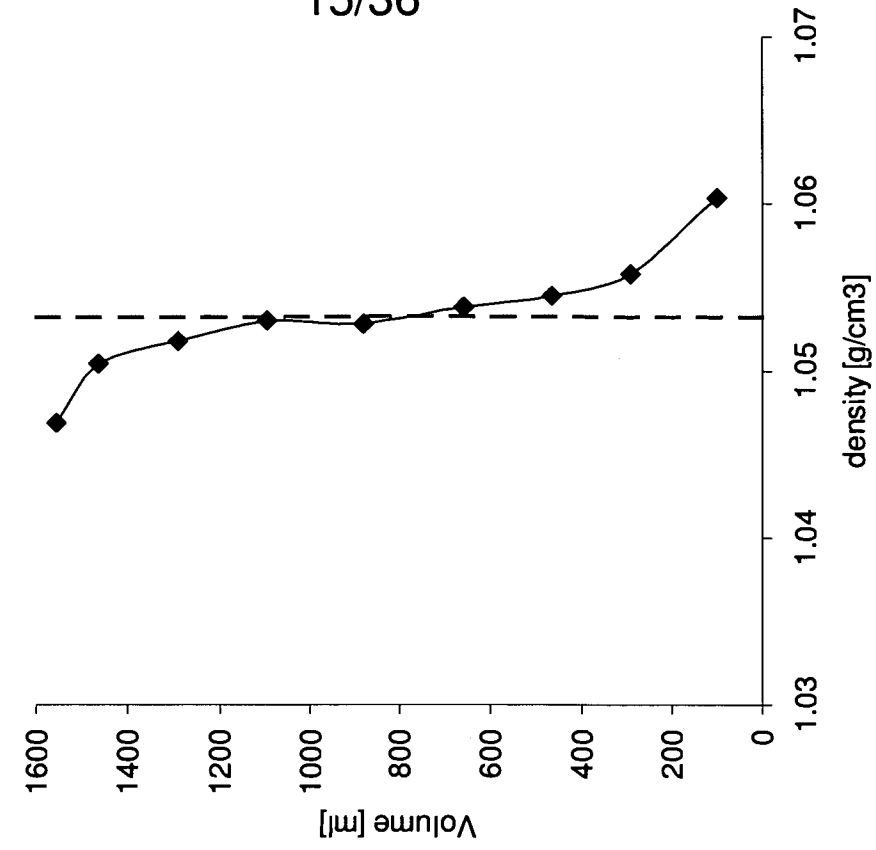


Figure 15

250 mg/ml



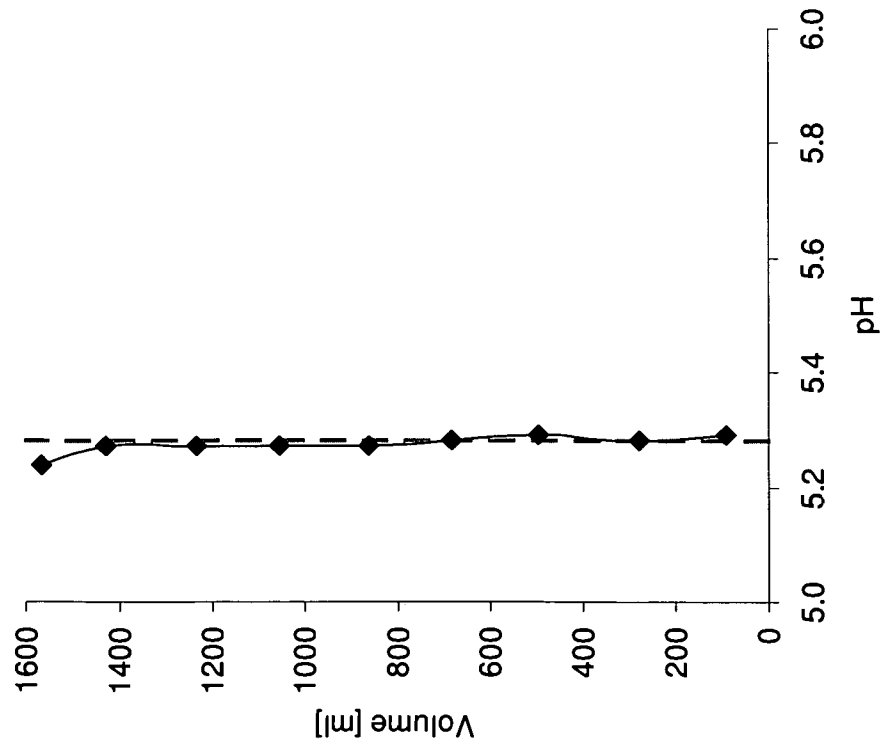
200 mg/ml



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Figure 16

250 mg/ml



200 mg/ml

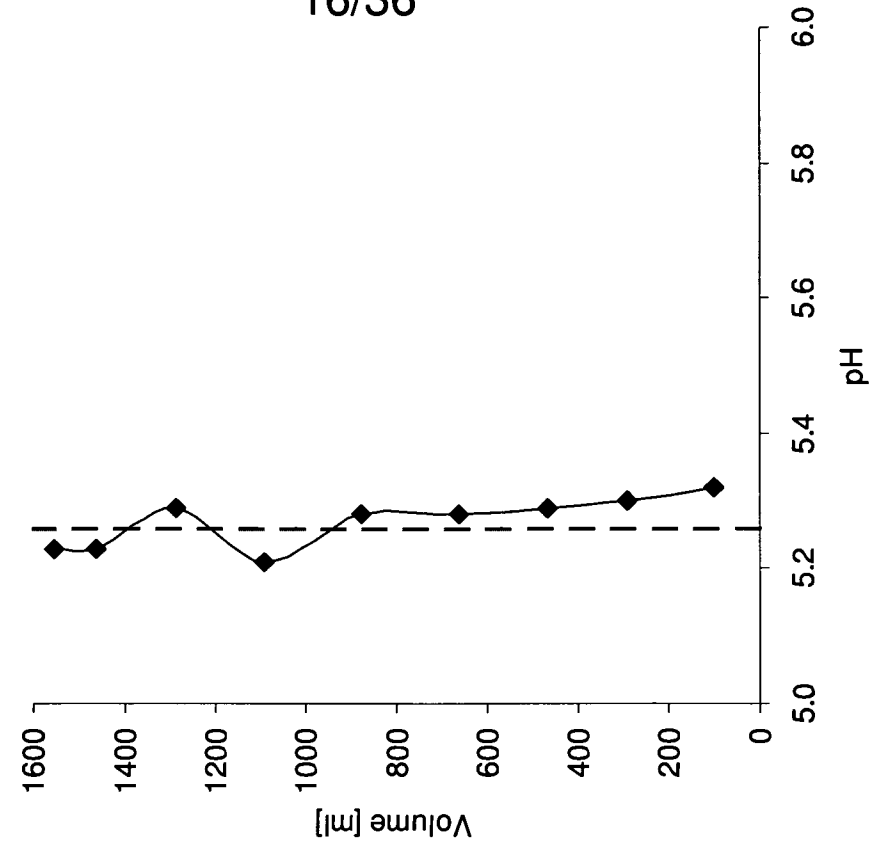
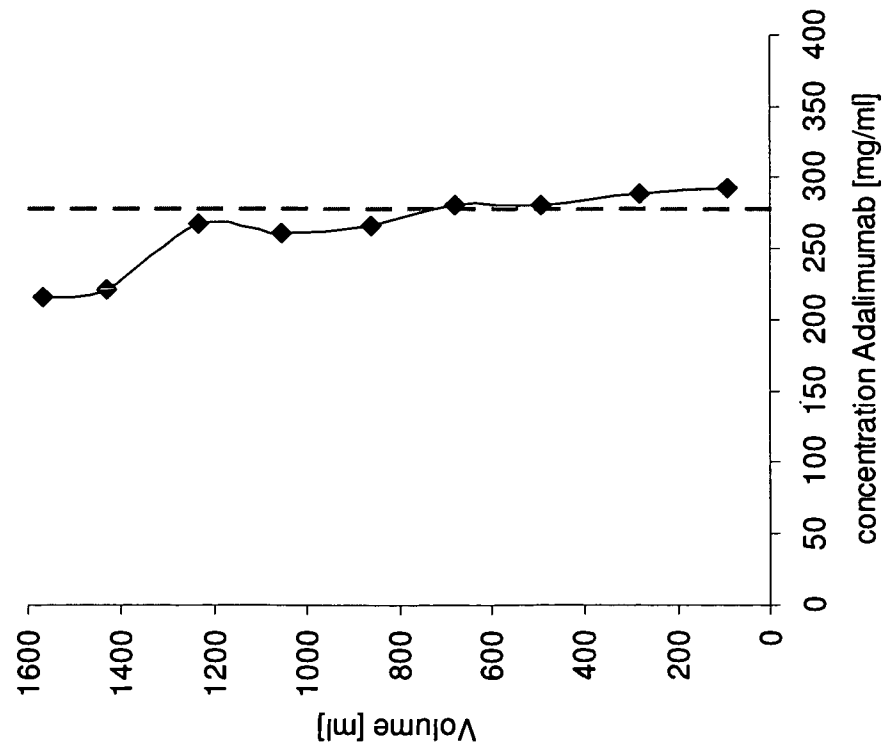


Figure 17

250 mg/ml



200 mg/ml

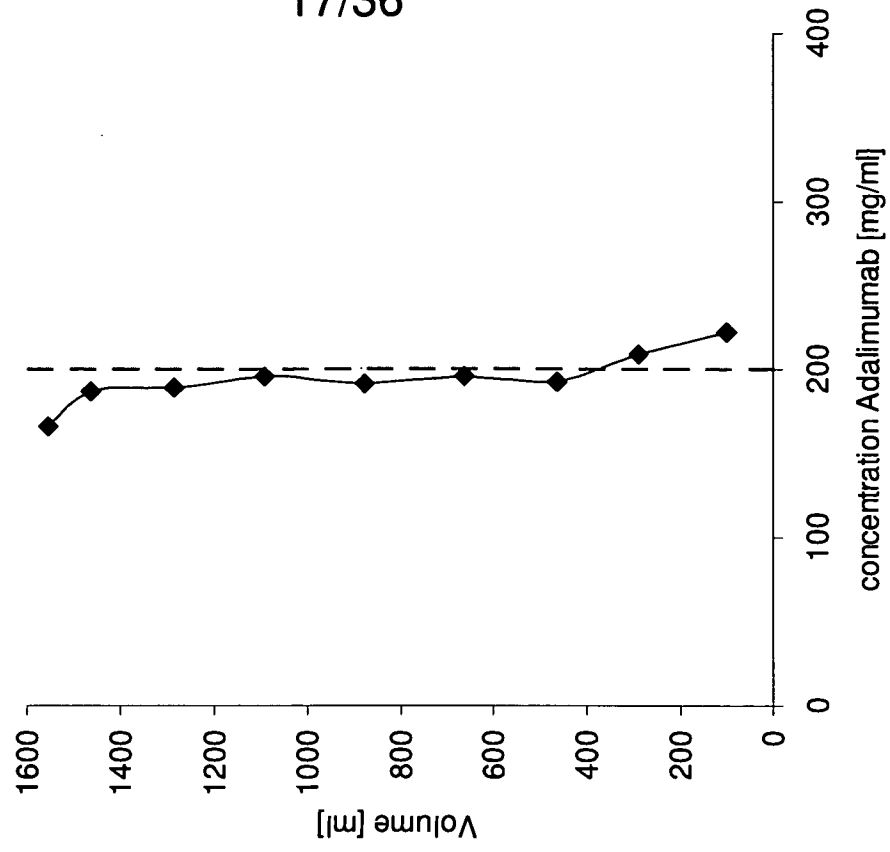


Figure 18

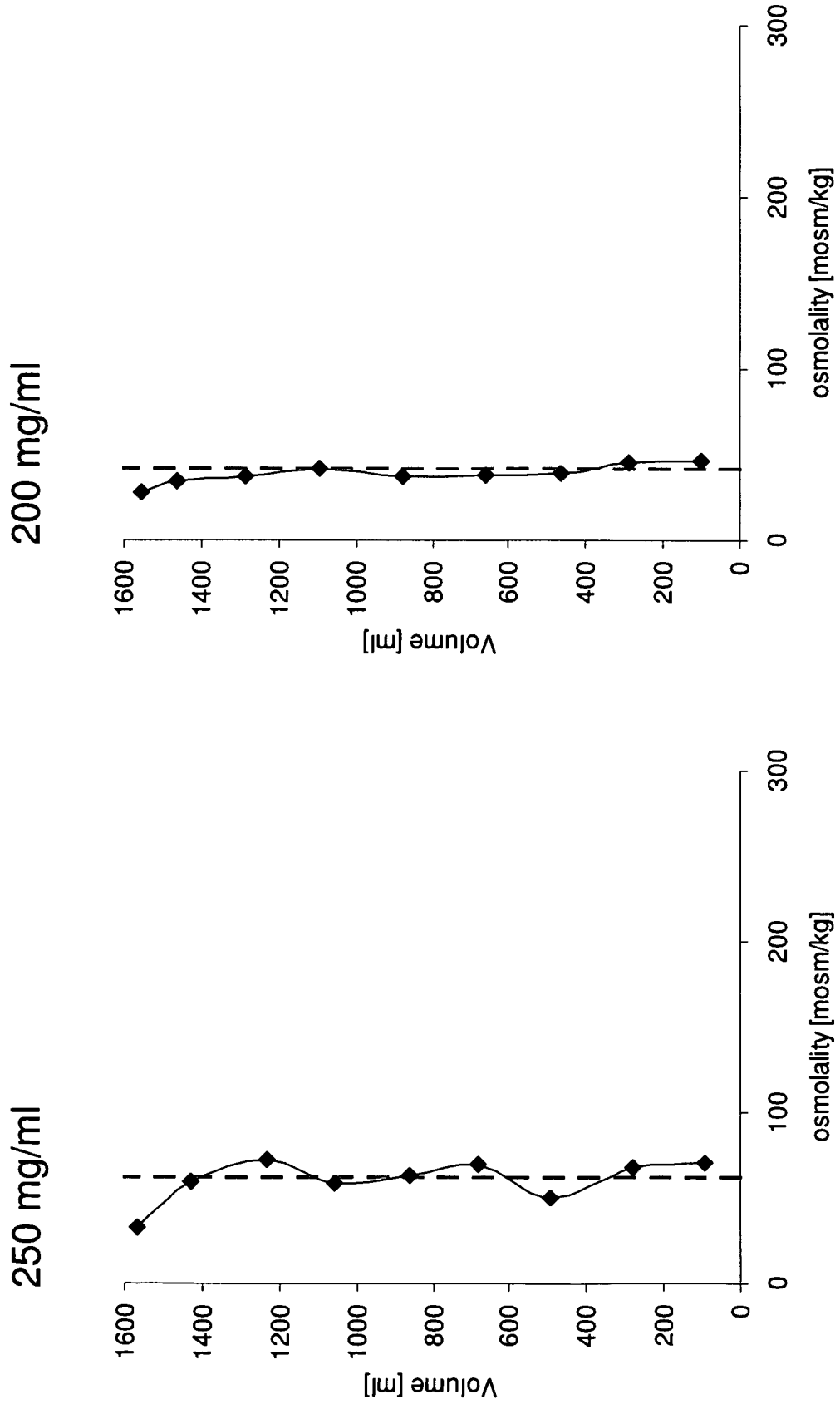
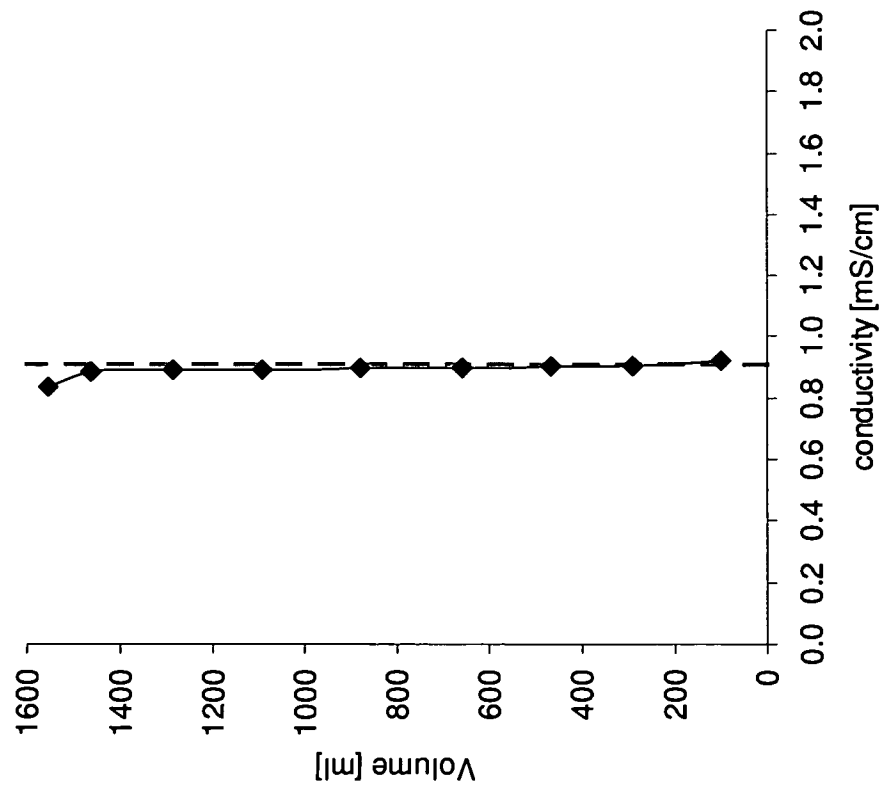


Figure 19

250 mg/ml



200 mg/ml

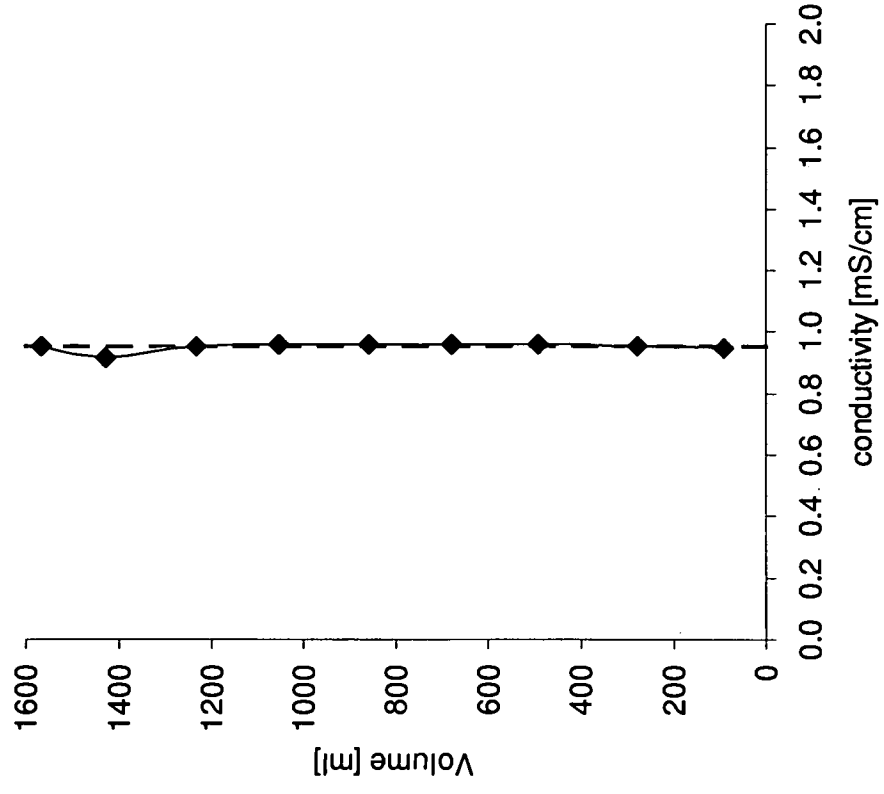


Figure 21

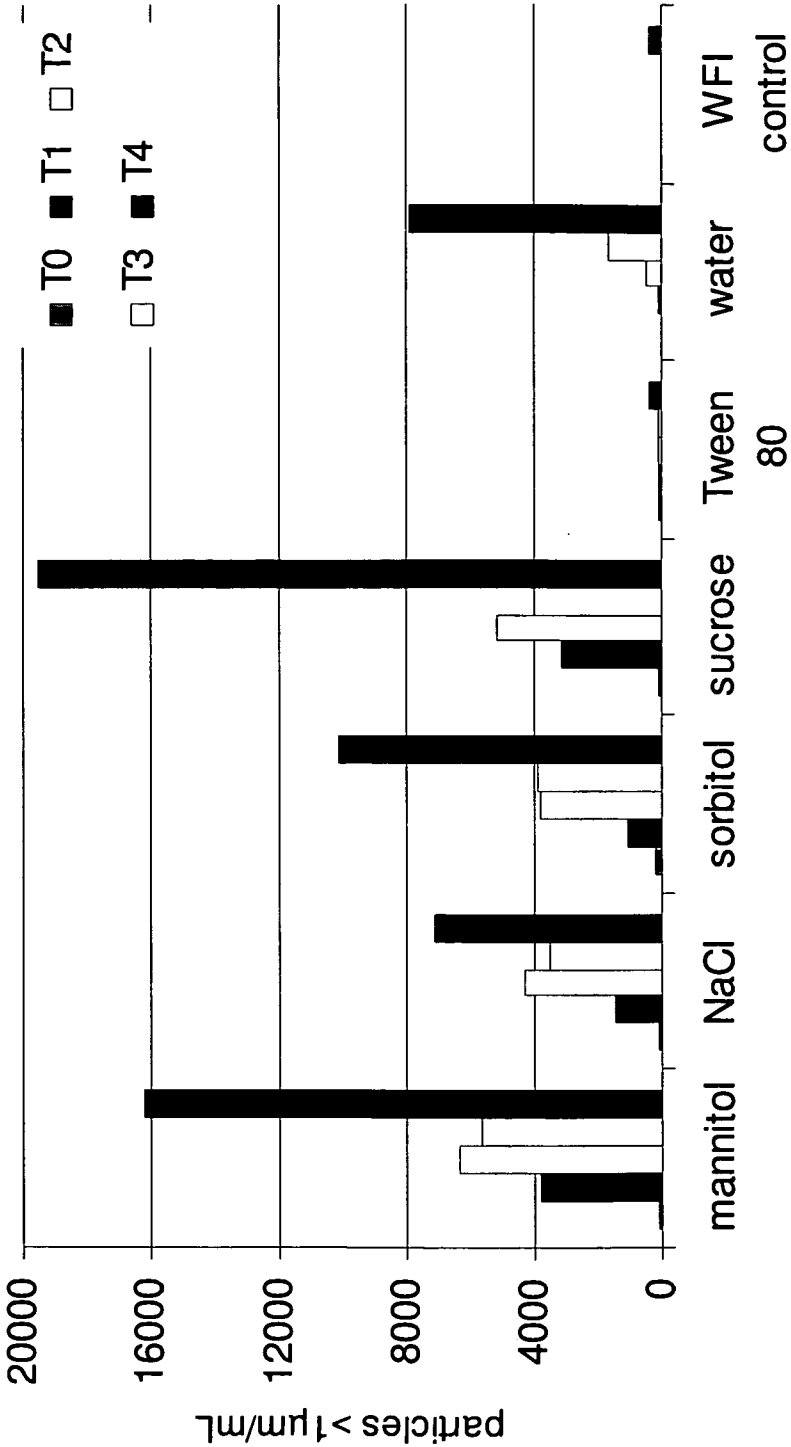


Figure 22

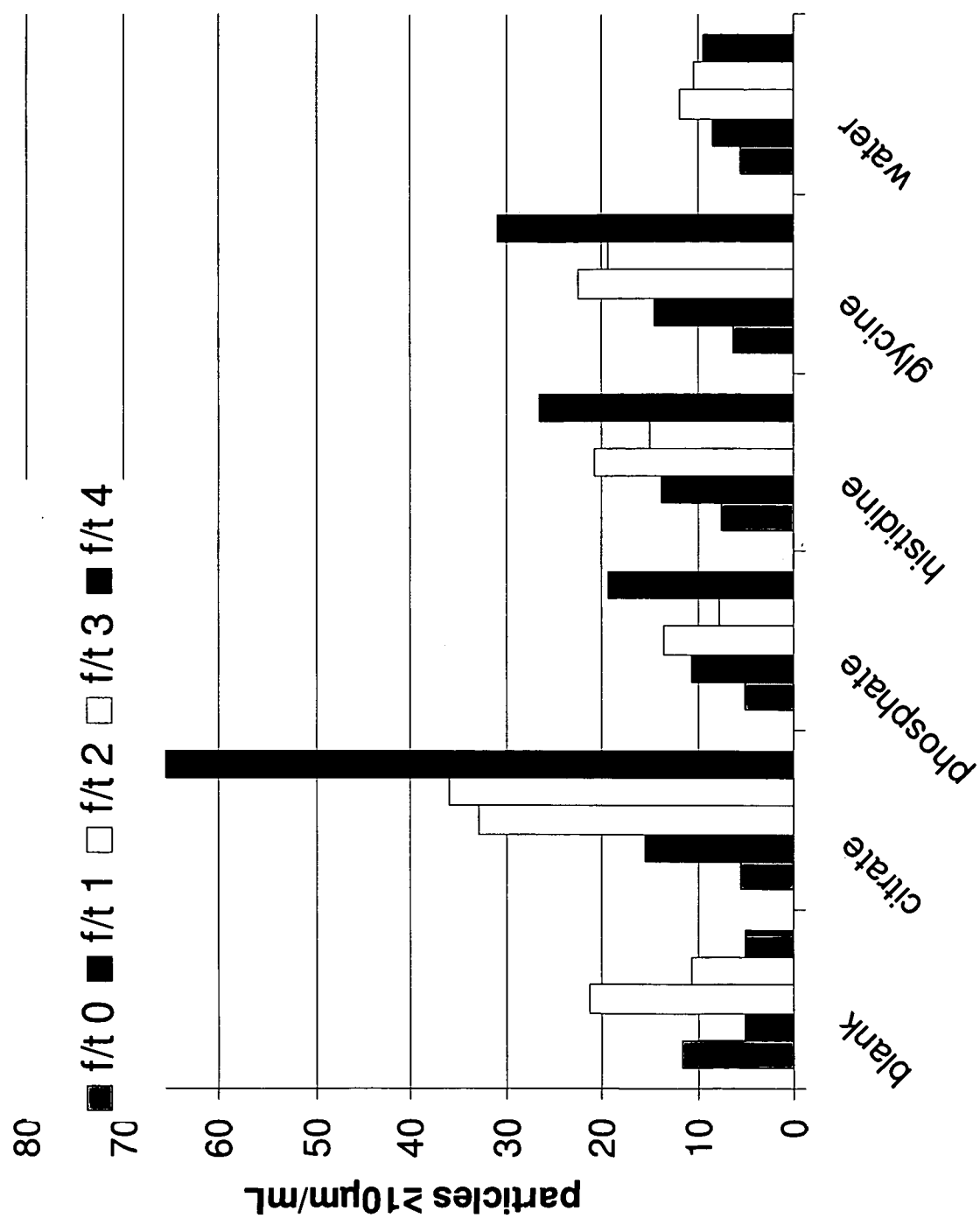


Figure 23

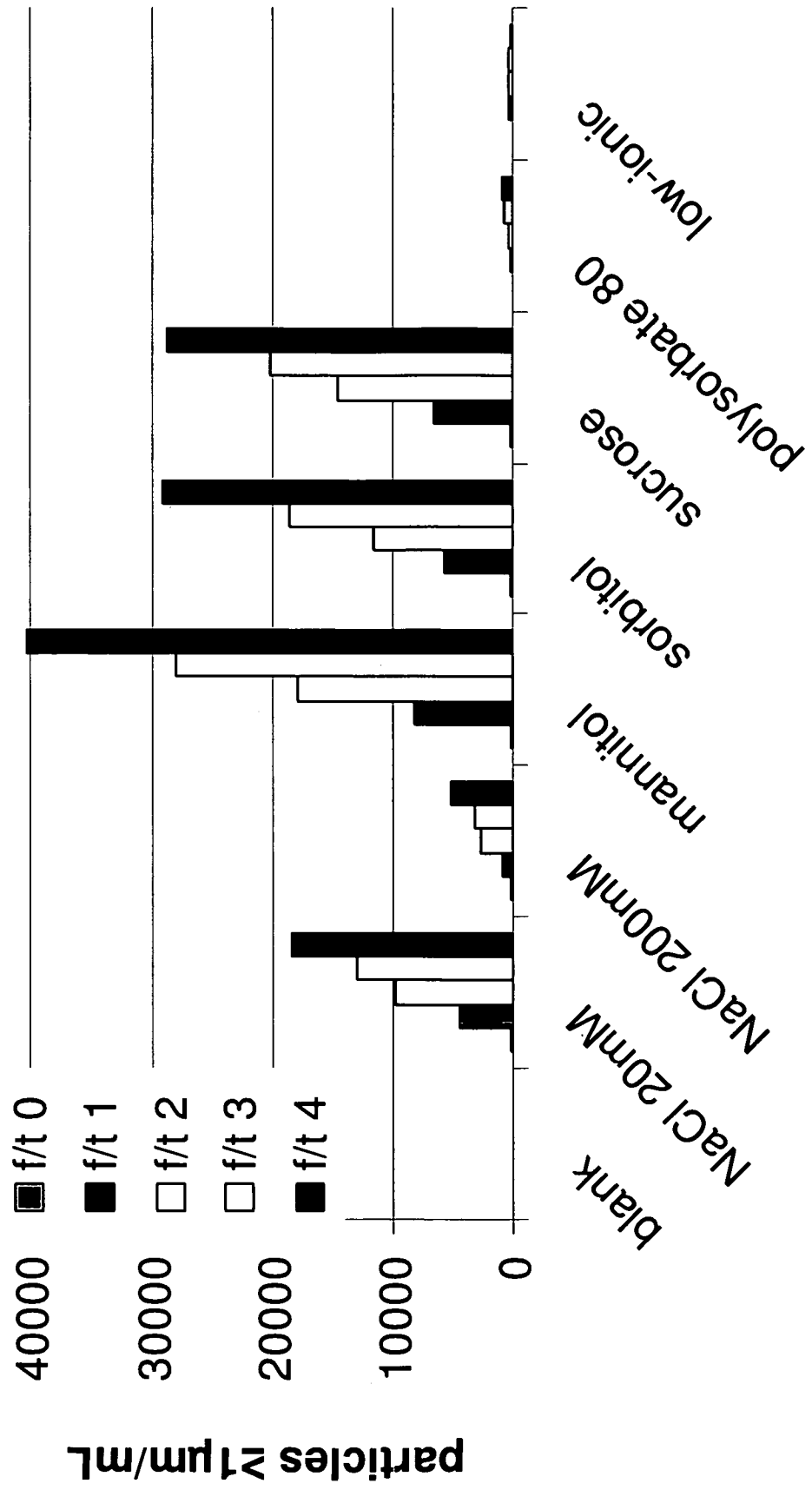


Figure 24

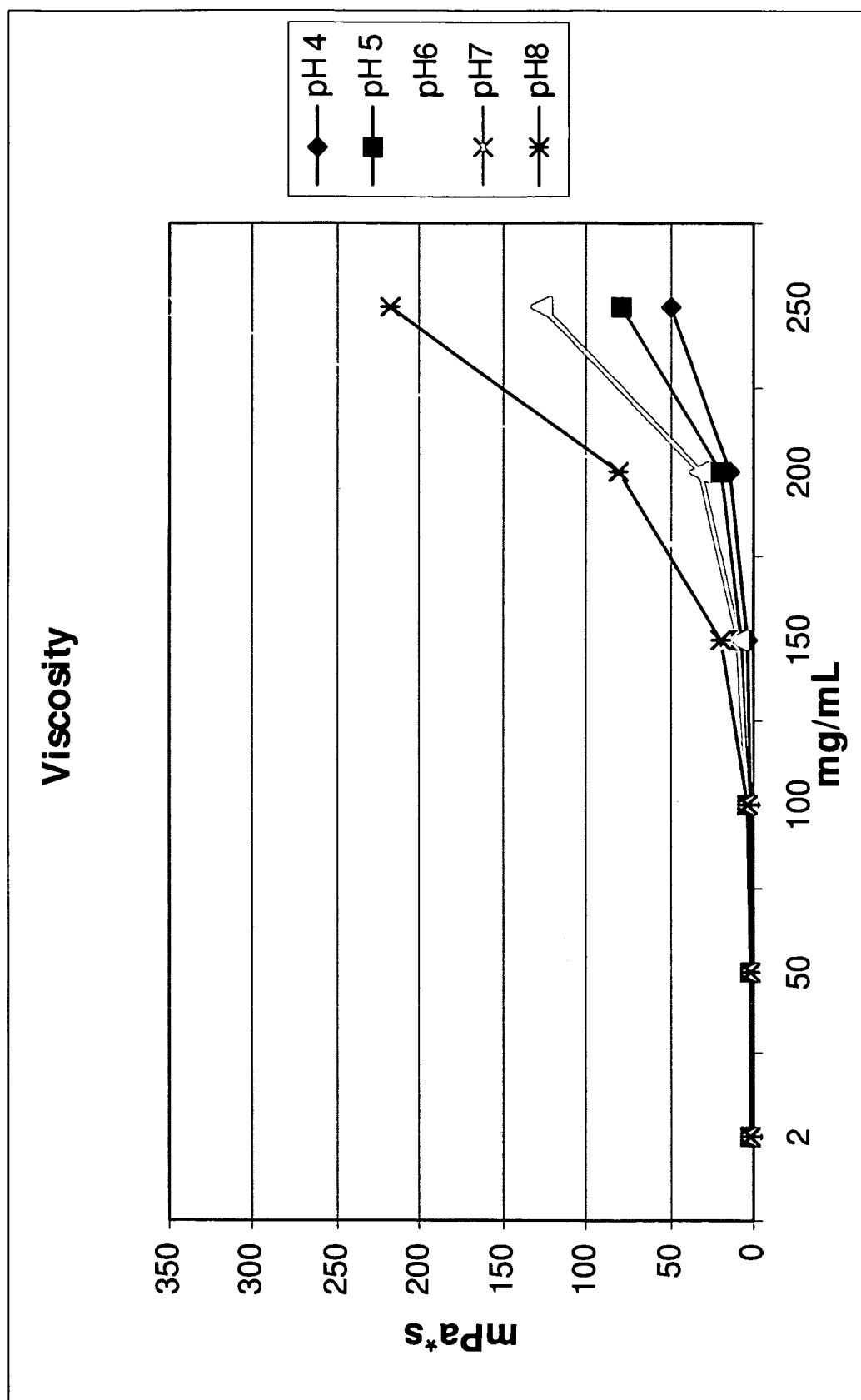


Figure 25

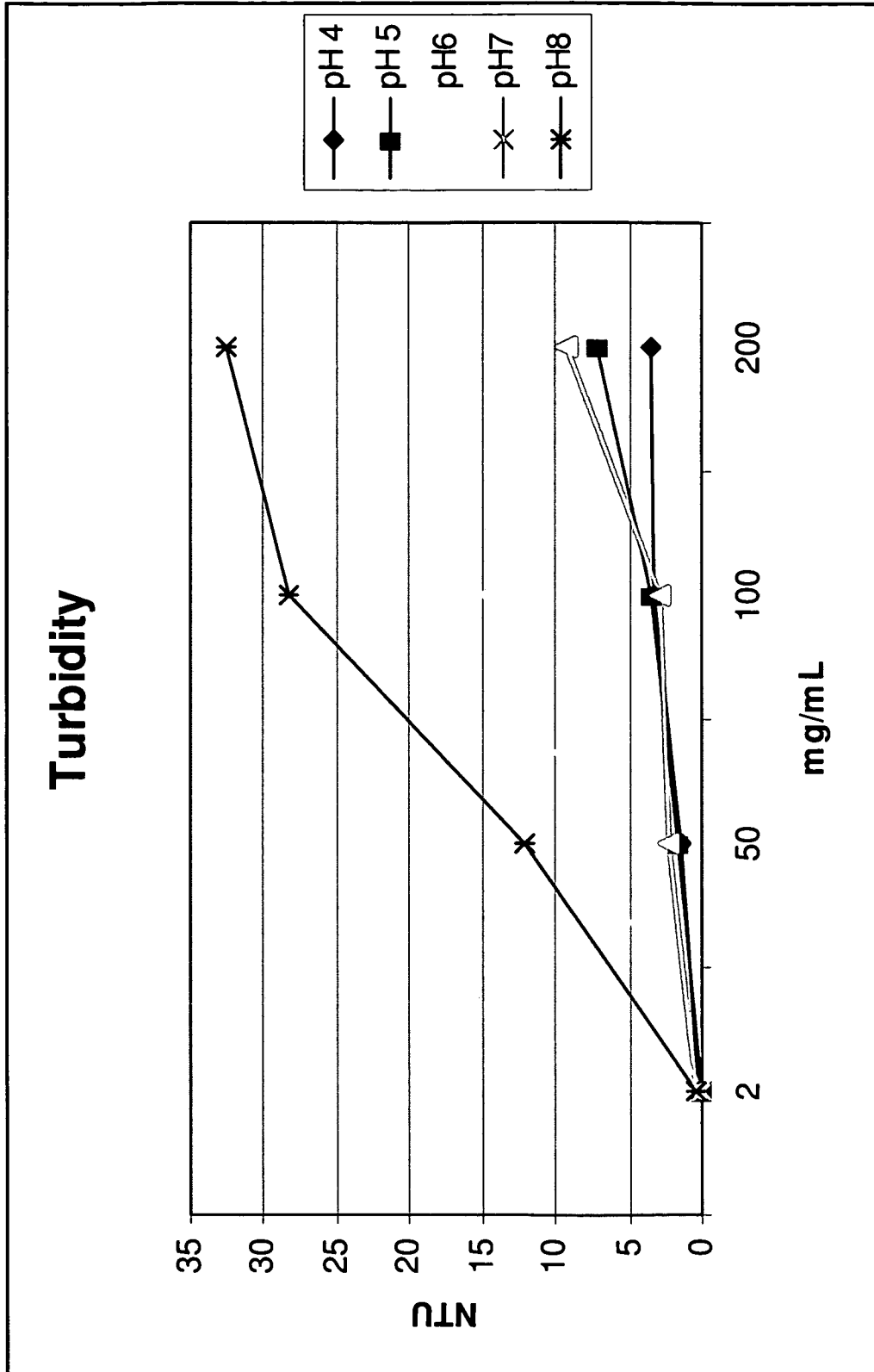


Figure 26

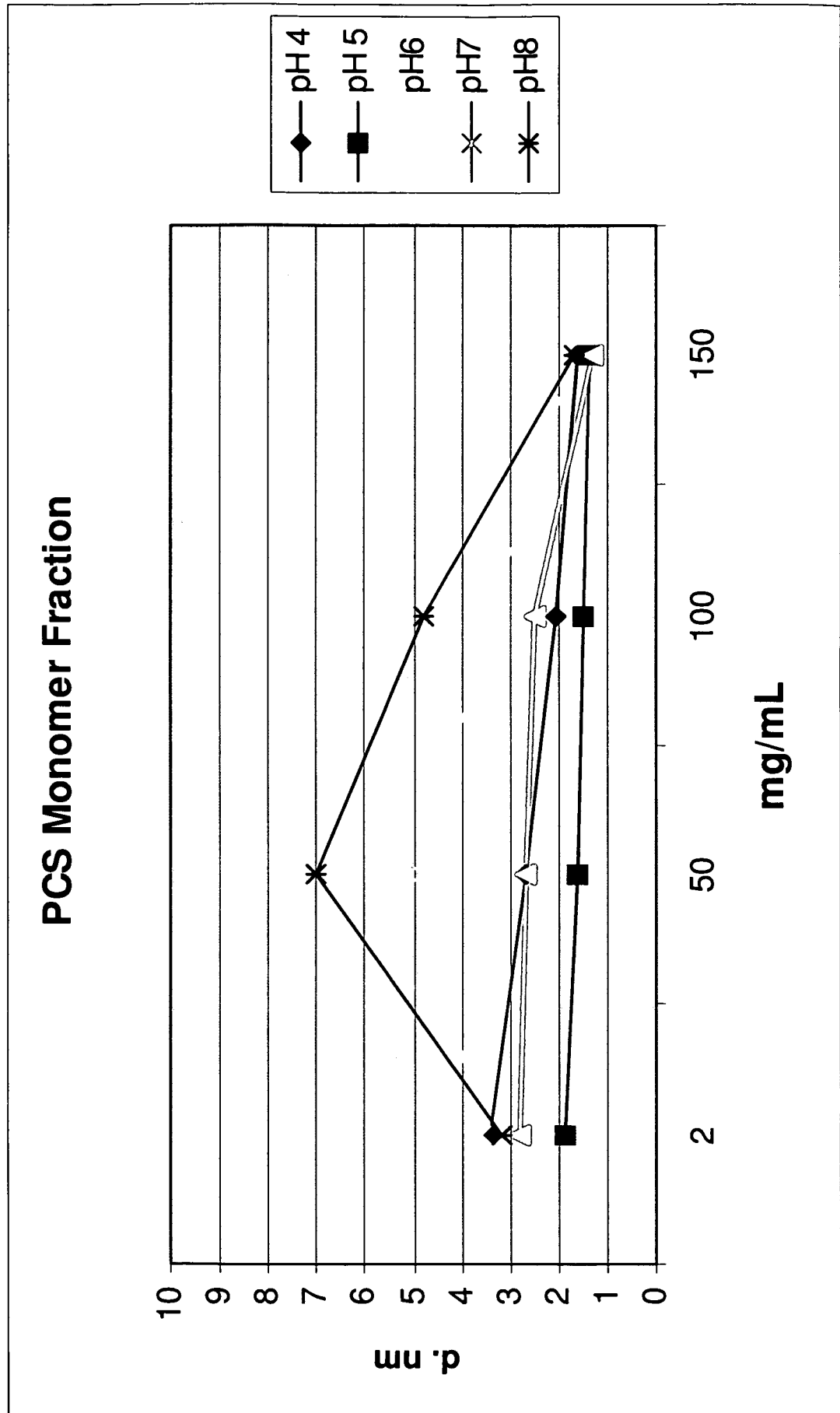


Figure 27

Size Distribution by Intensity

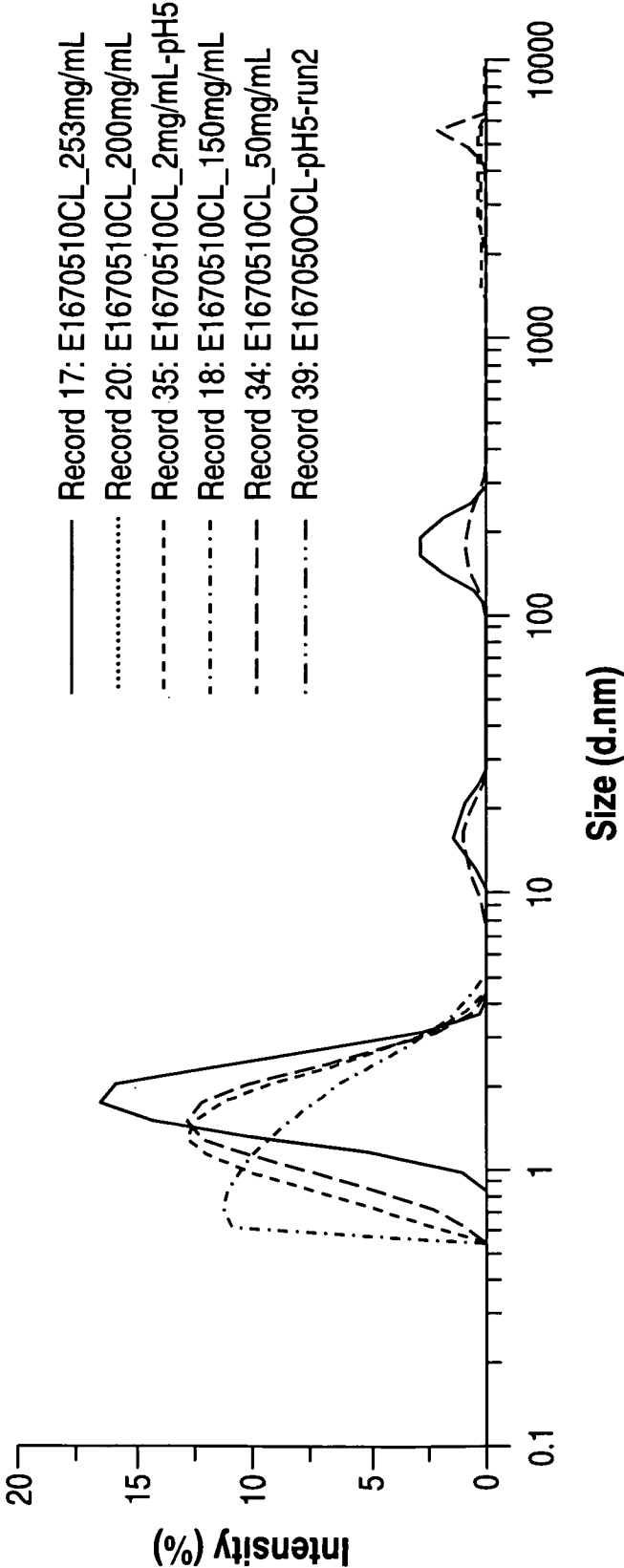


Figure 28

Size Distribution by Intensity

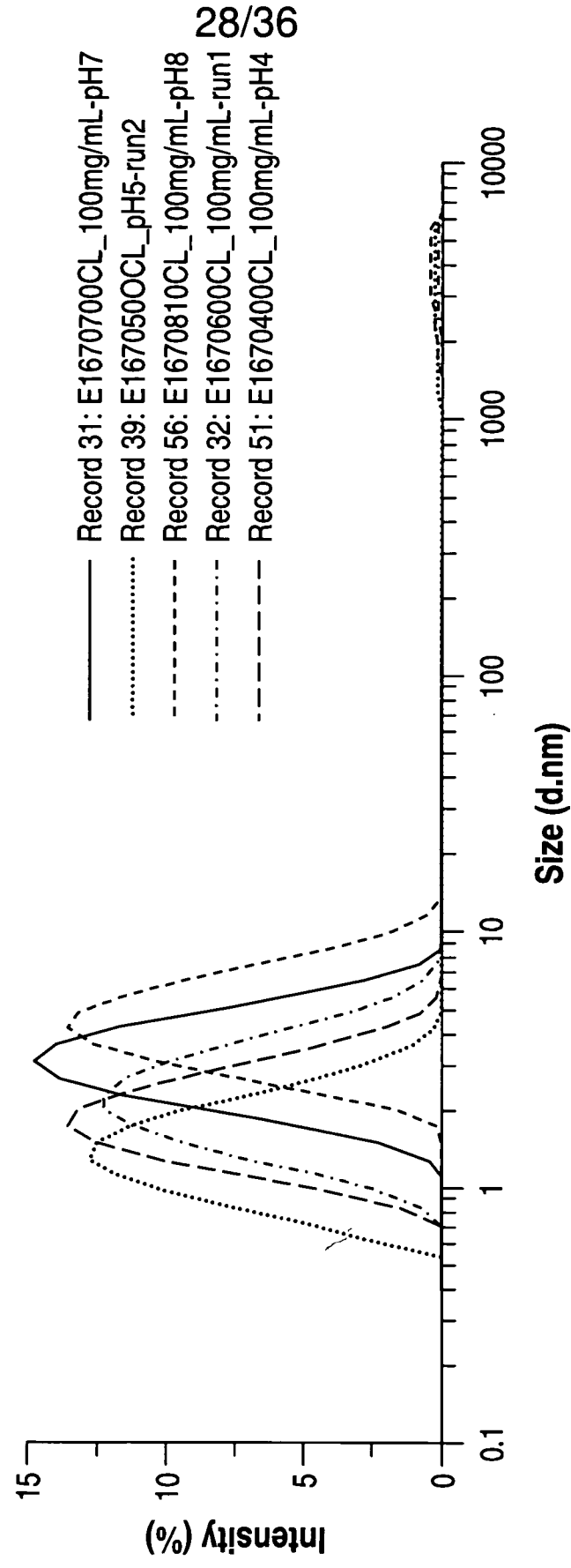


Figure 29

Size Distribution by Intensity

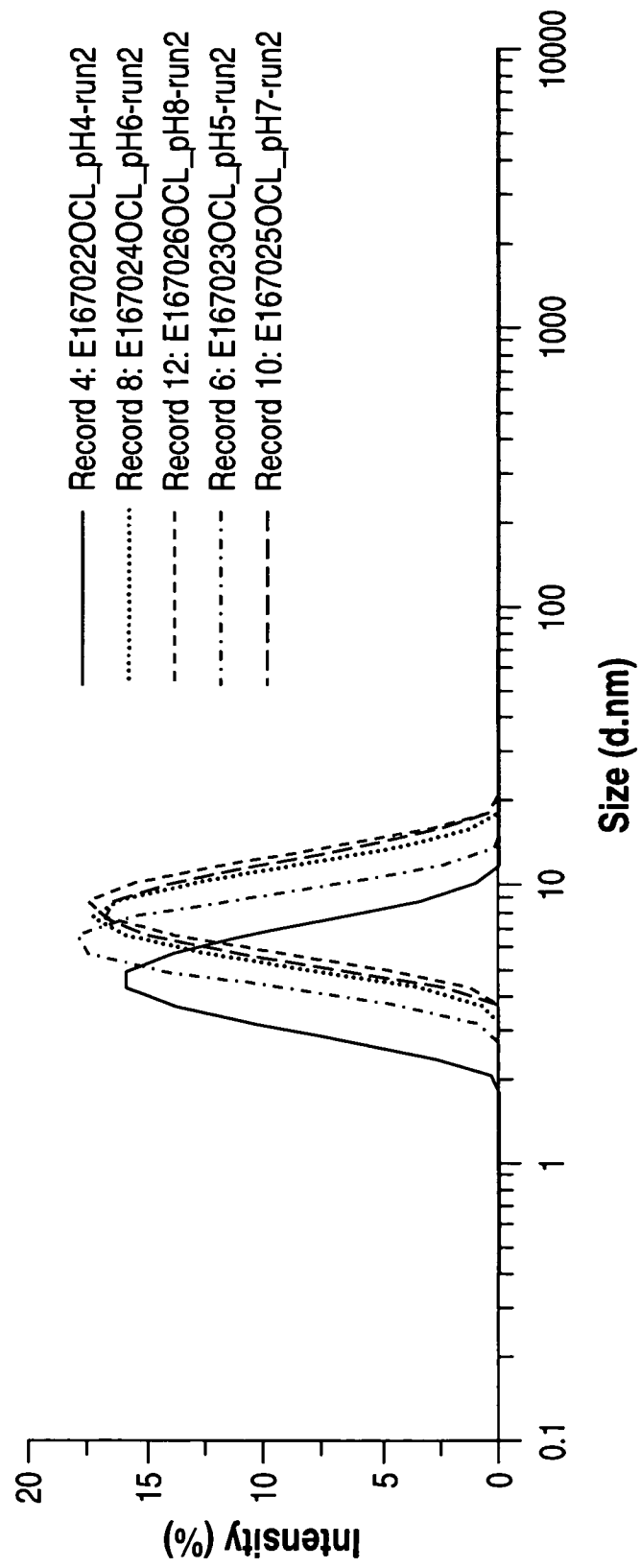


Figure 30

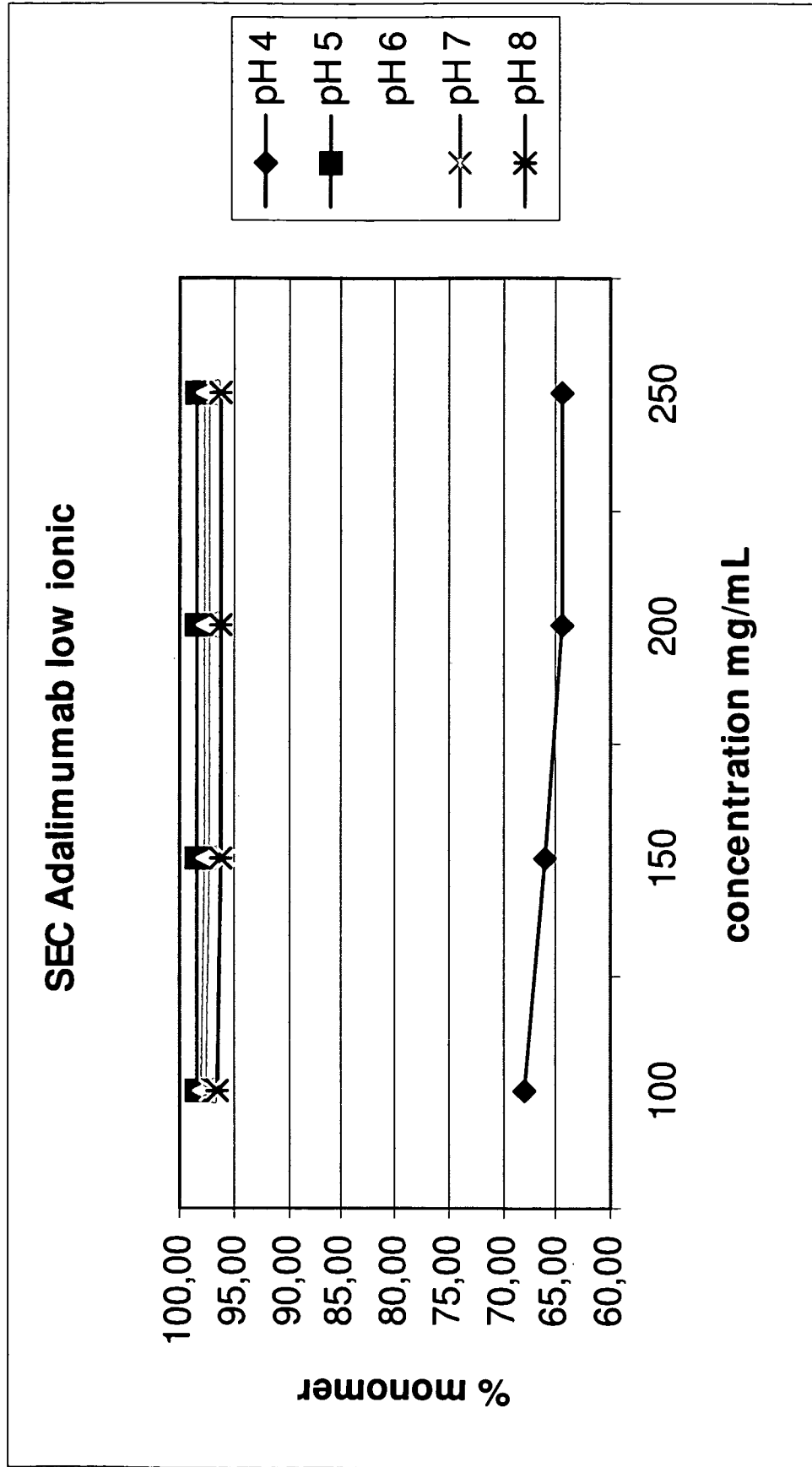


Figure 31

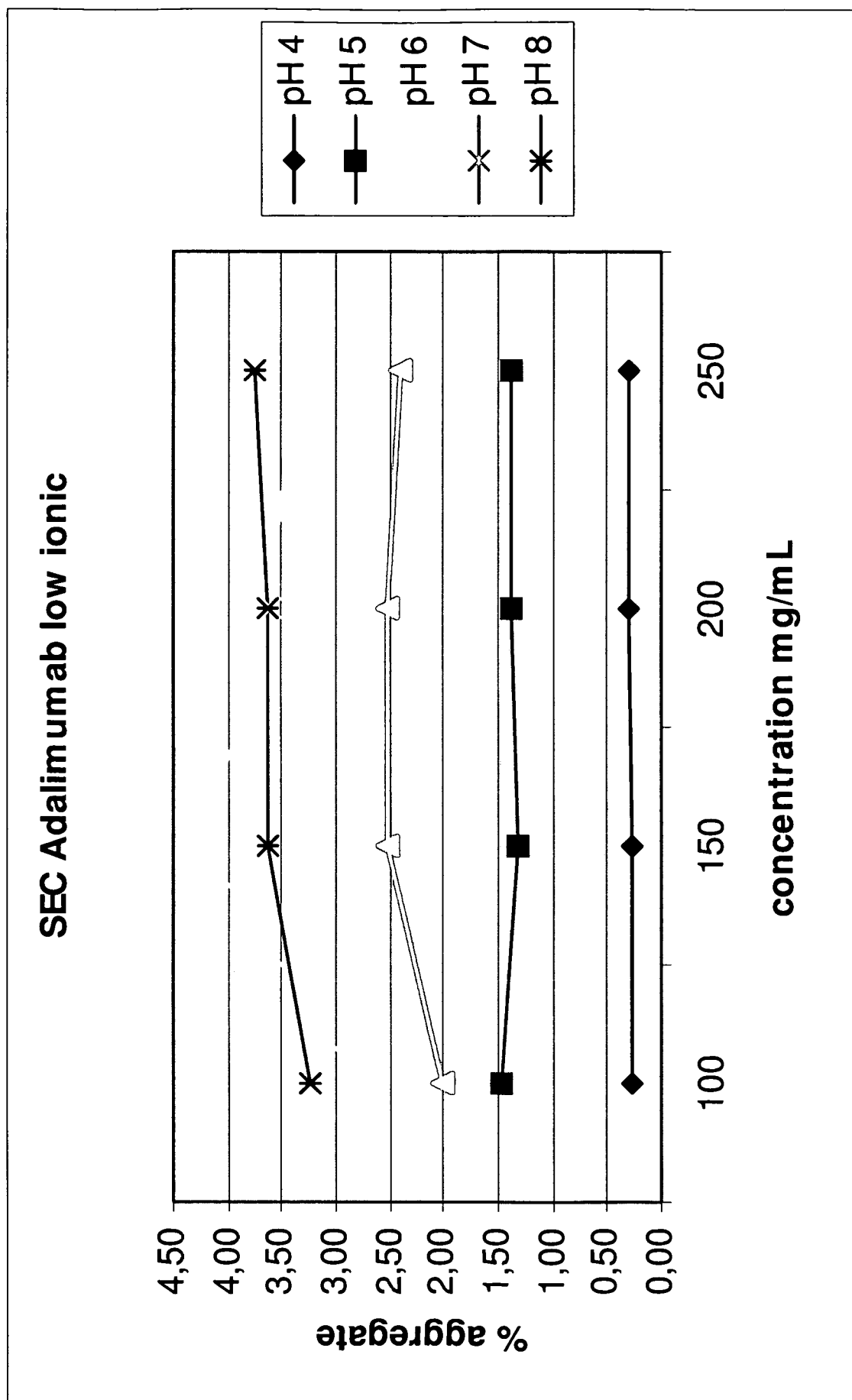


Figure 32

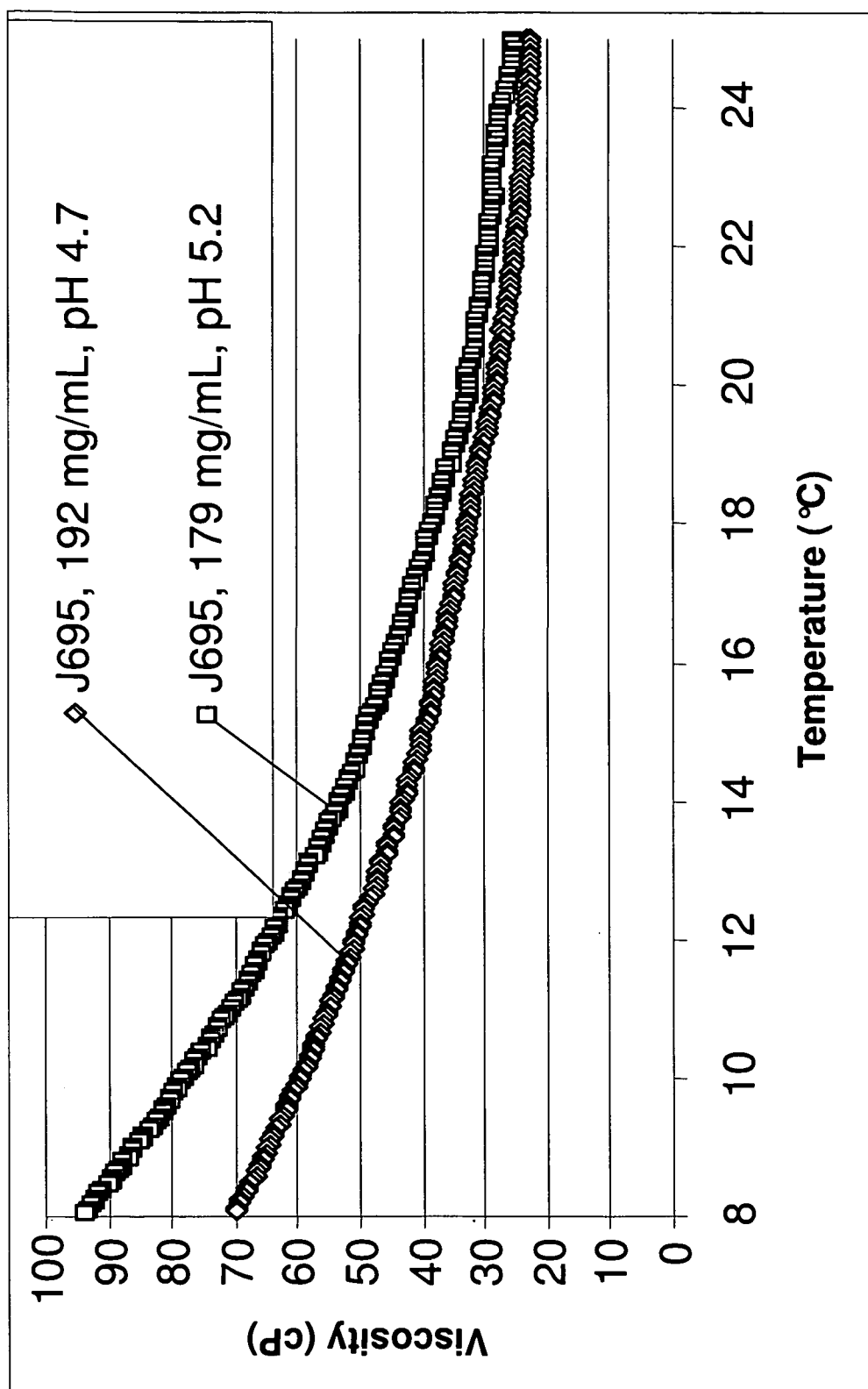


Figure 33

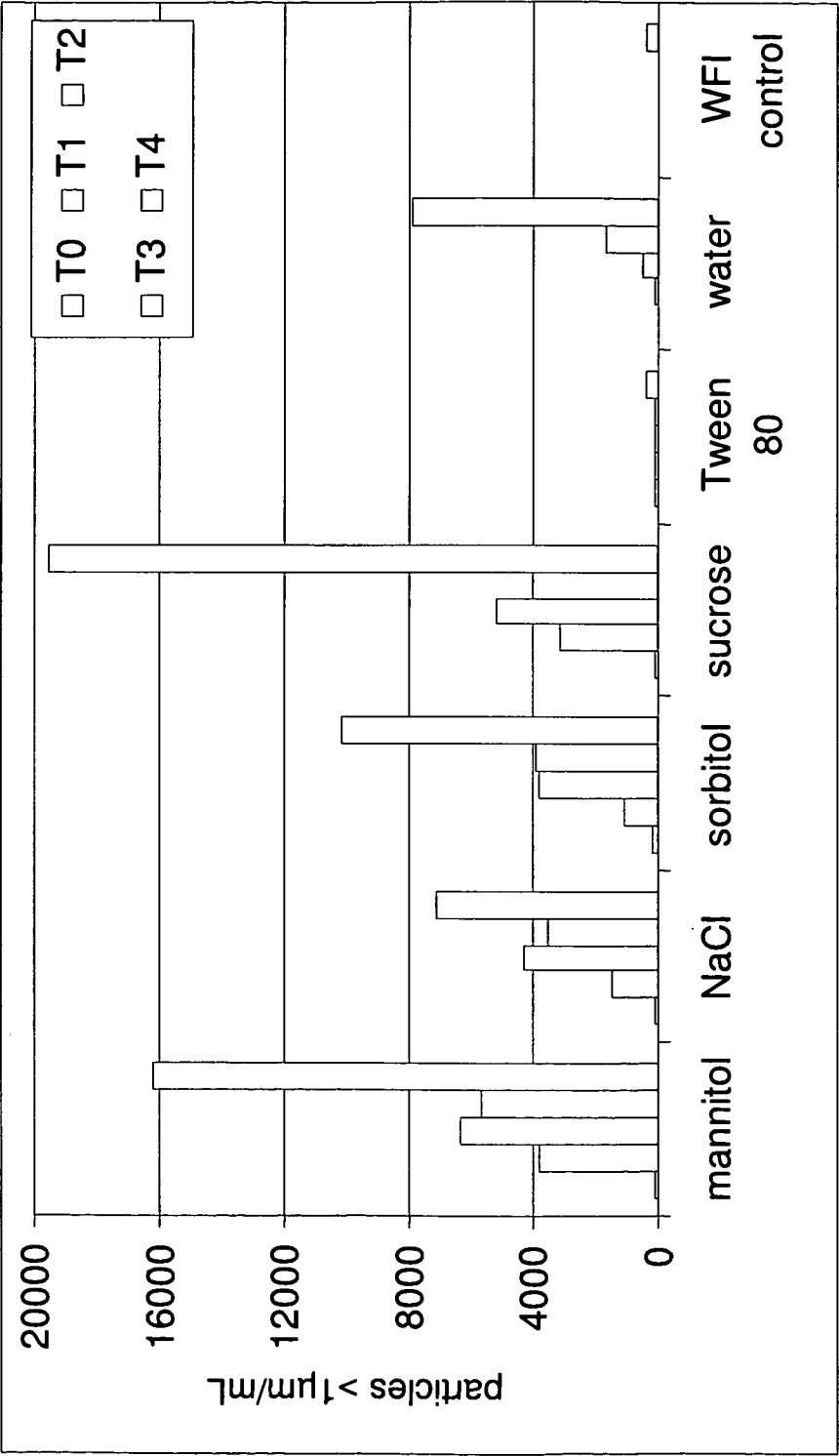


Figure 34

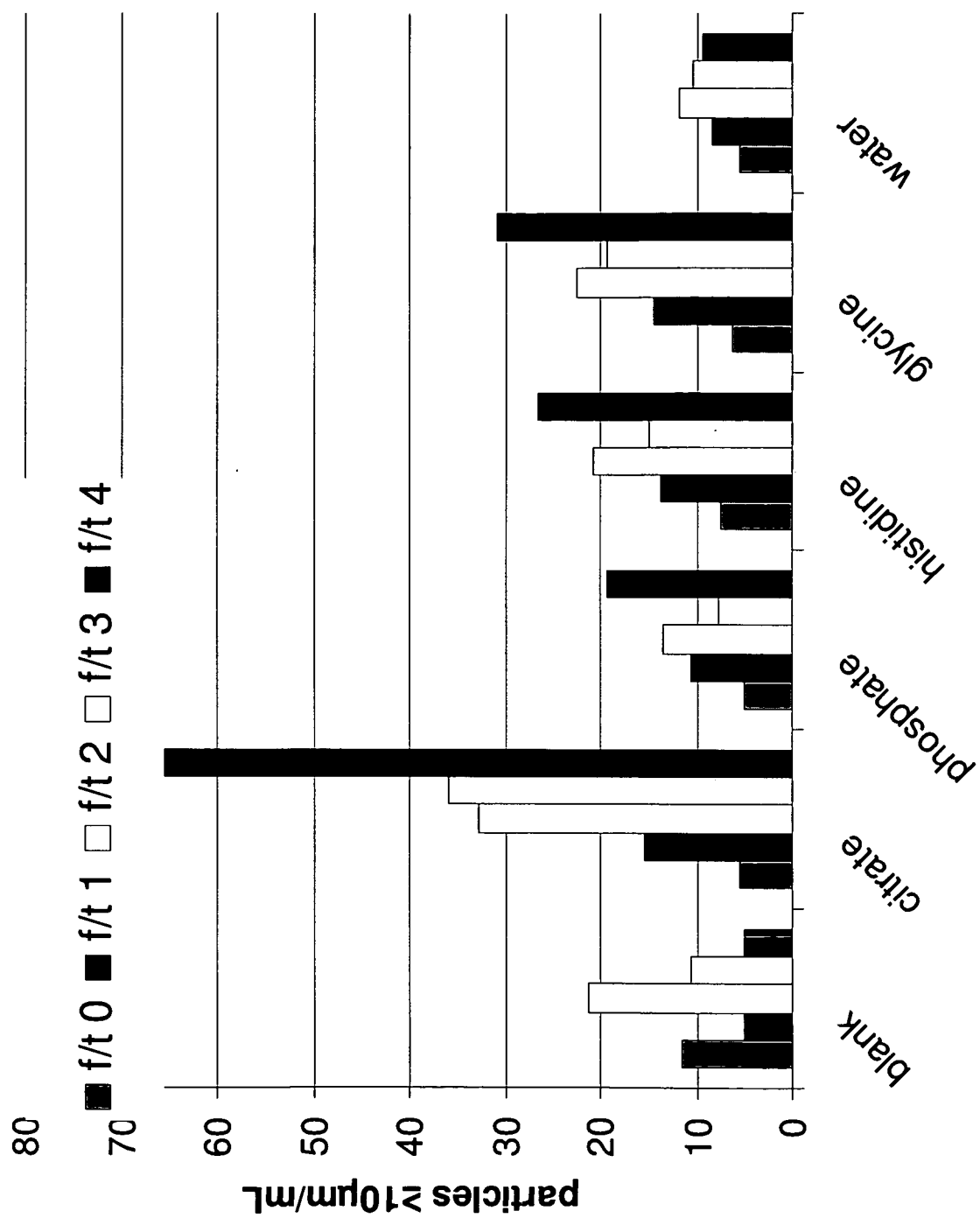


Figure 35

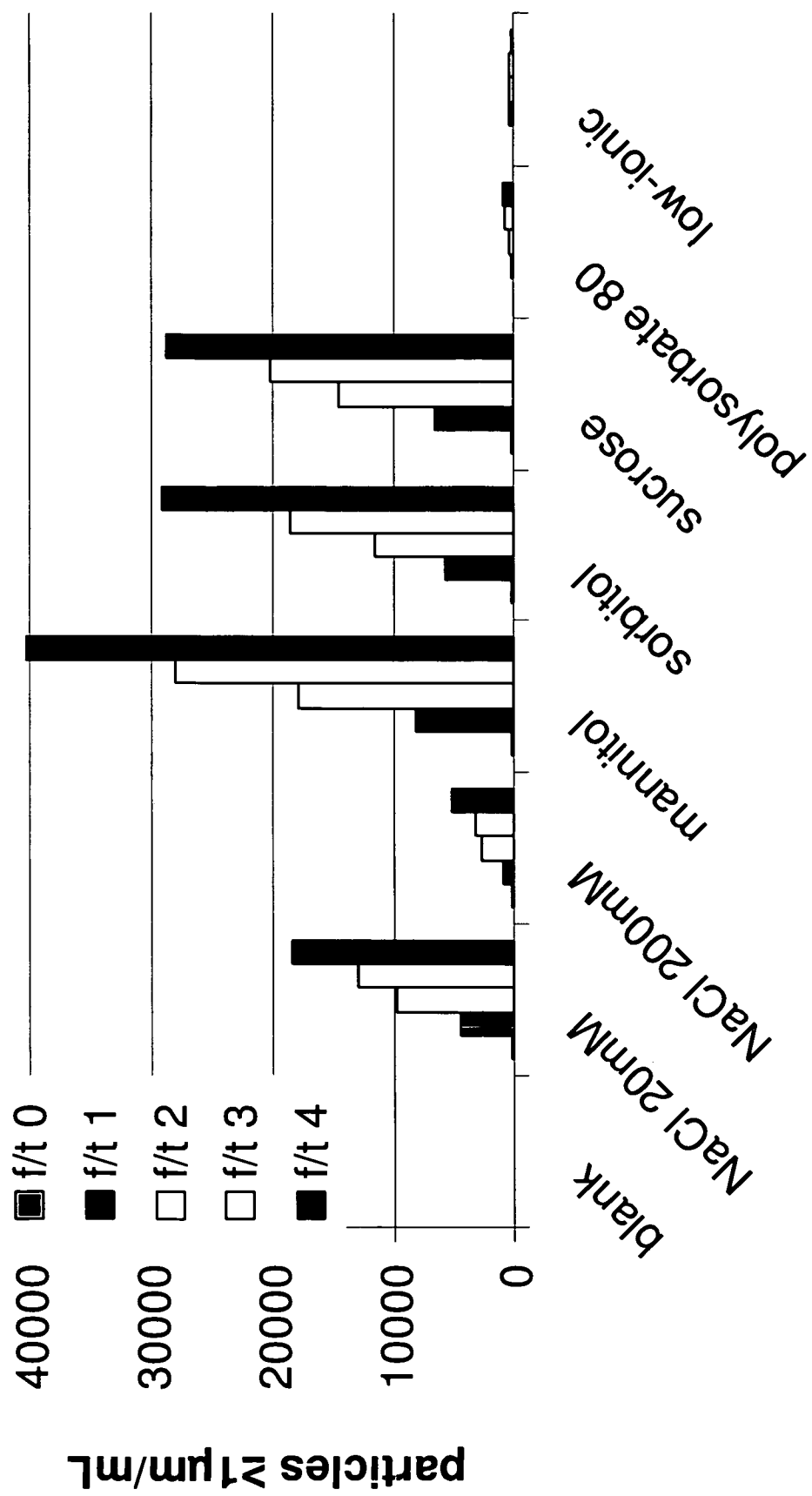


Figure 36

