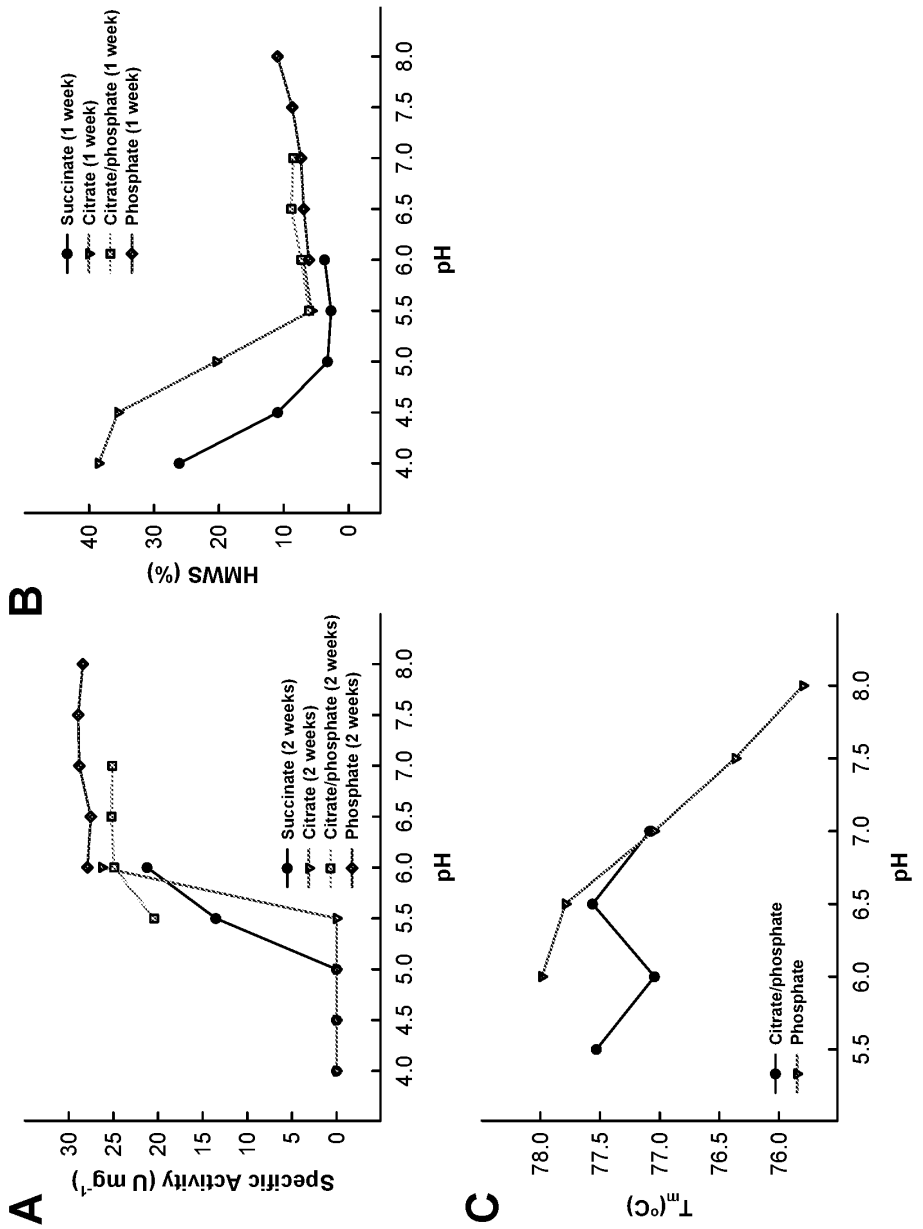
FIG. 1


A
Specific Activity (U mg-1)
pH
Succinate (2 weeks)
Citrate (2 weeks)
Citrate/phosphate (2 weeks)
Phosphate (2 weeks)
B
HMWS (%)
pH
Succinate (1 week)
Citrate (1 week)
Citrate/phosphate (1 week)
Phosphate (1 week)
C
Tm(°C)
pH
Citrate/phosphate
Phosphate

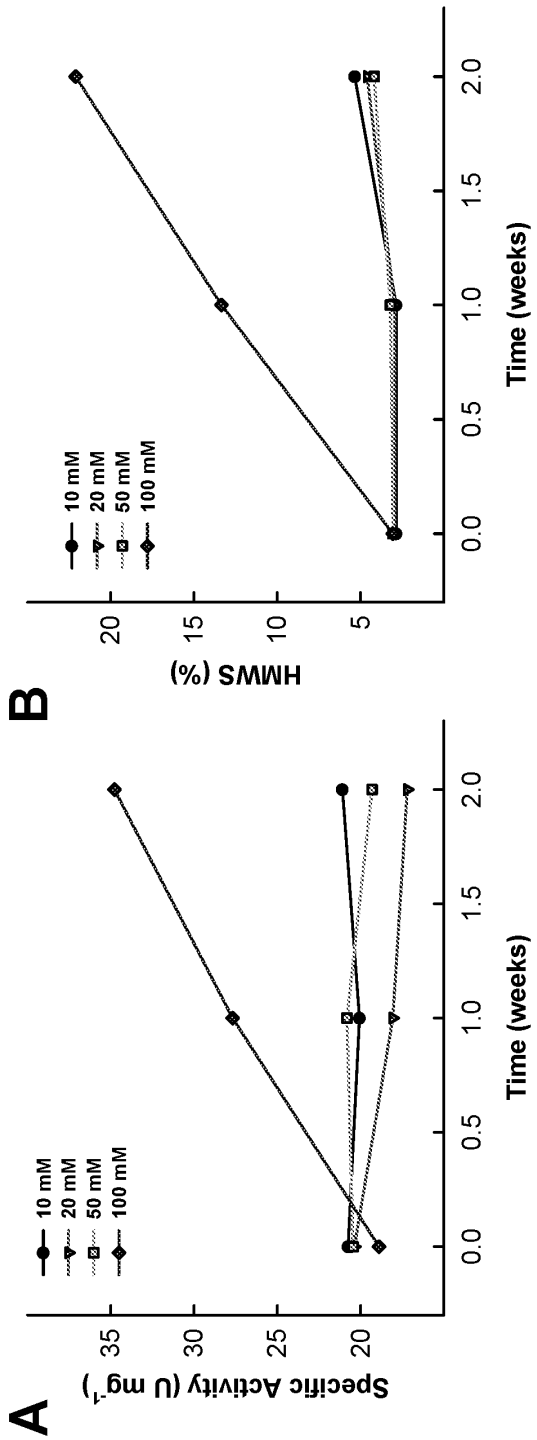

A
Specific Activity (U mg-1)
35
30
25
20
0.0
0.5
1.0
1.5
2.0
Time (weeks)
10 mM
20 mM
50 mM
100 mM
B
HMWS (%)
20
15
10
5
0.0
0.5
1.0
1.5
2.0
Time (weeks)
10 mM
20 mM
50 mM
100 mM

FIG. 2

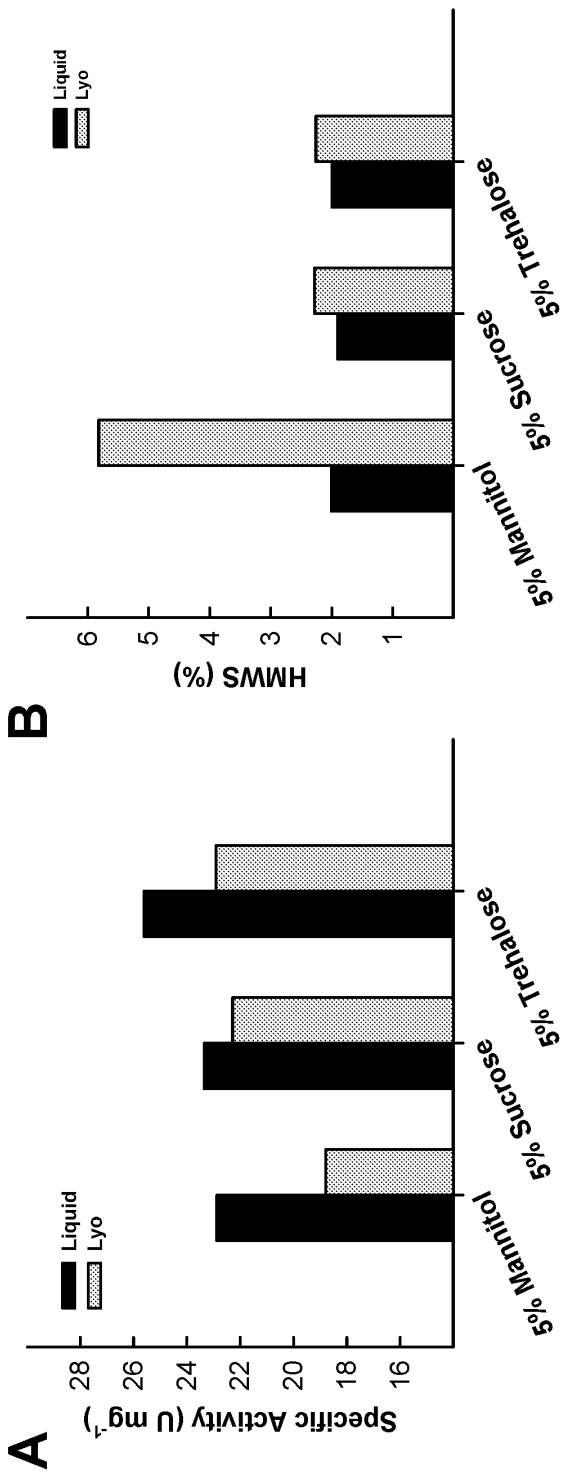

A
Specific Activity (U mg-1)
28
26
24
22
20
18
16
Liquid
Lyo
5% Mannitol
5% Sucrose
5% Trehalose
B
HMWS (%)
6
5
4
3
2
1
Liquid
Lyo
5% Mannitol
5% Sucrose
5% Trehalose

FIG. 3

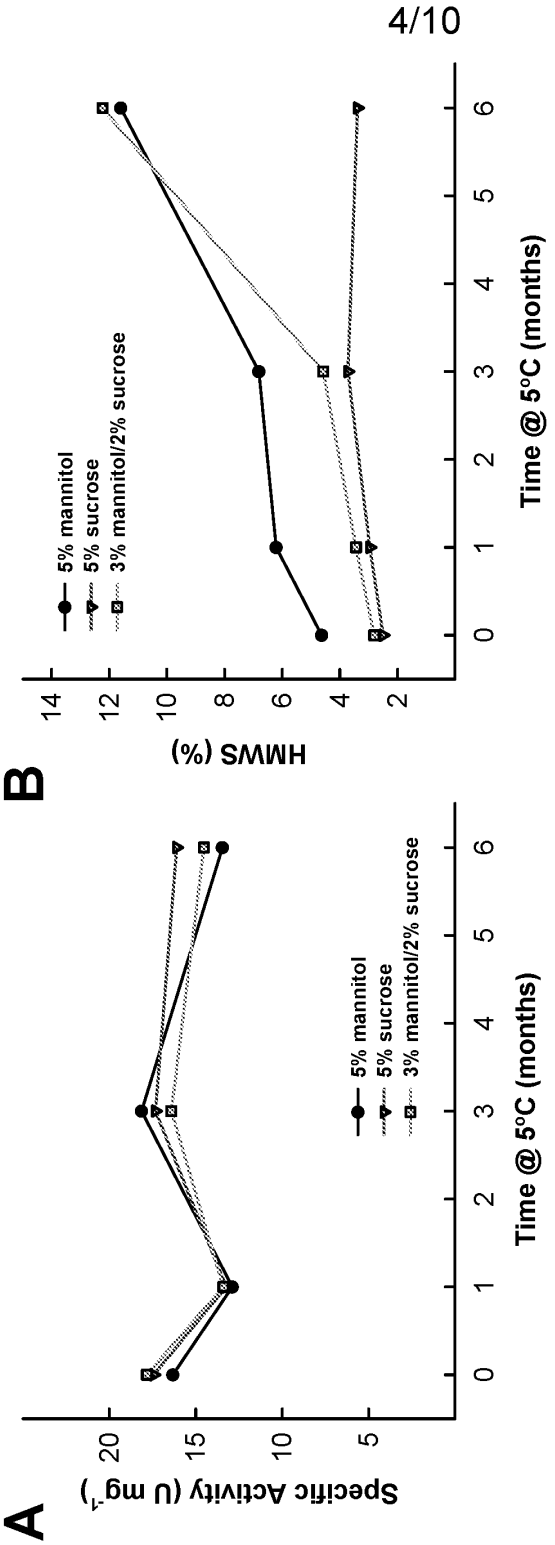

A
Specific Activity (U mg-1)
20
15
10
5
0
1
2
3
4
5
6
Time @ 5°C (months)
5% mannitol
5% sucrose
3% mannitol/2% sucrose
B
HMWS (%)
14
12
10
8
6
4
2
0
1
2
3
4
5
6
Time @ 5°C (months)
5% mannitol
5% sucrose
3% mannitol/2% sucrose

FIG. 4

FIG. 5

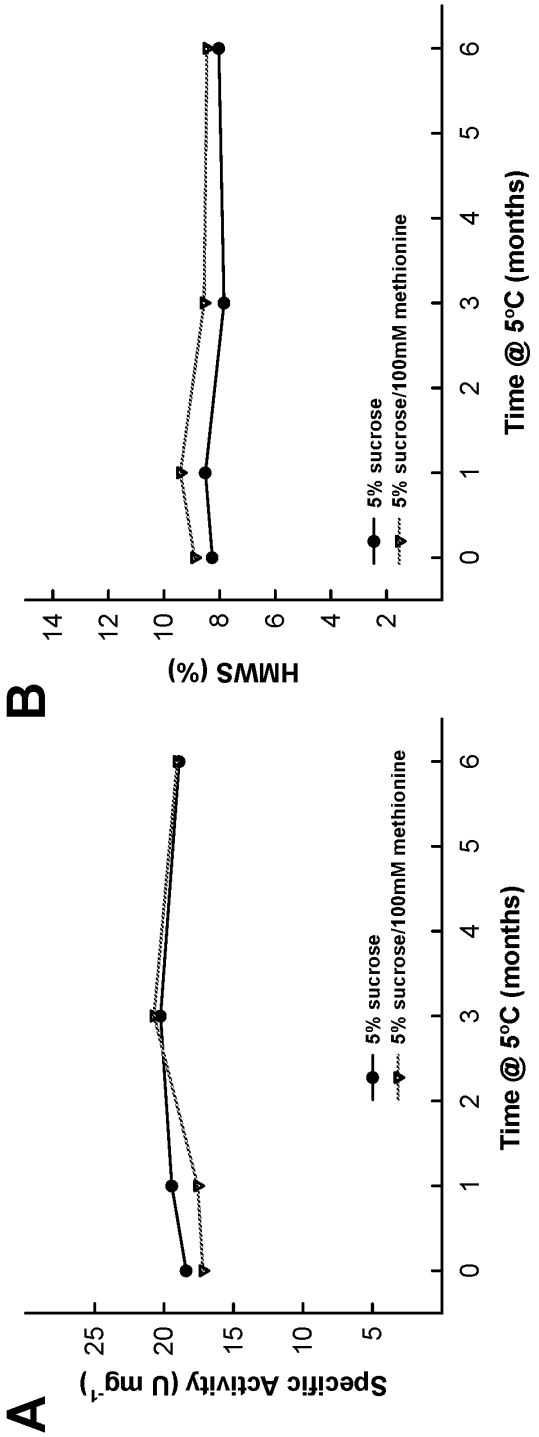

A
Specific Activity (U mg-1)
25
20
15
10
5
0
1
2
3
4
5
6
Time @ 5°C (months)
5% sucrose
5% sucrose/100mM methionine
B
HMWS (%)
14
12
10
8
6
4
2
0
1
2
3
4
5
6
Time @ 5°C (months)
5% sucrose
5% sucrose/100mM methionine

FIG. 6

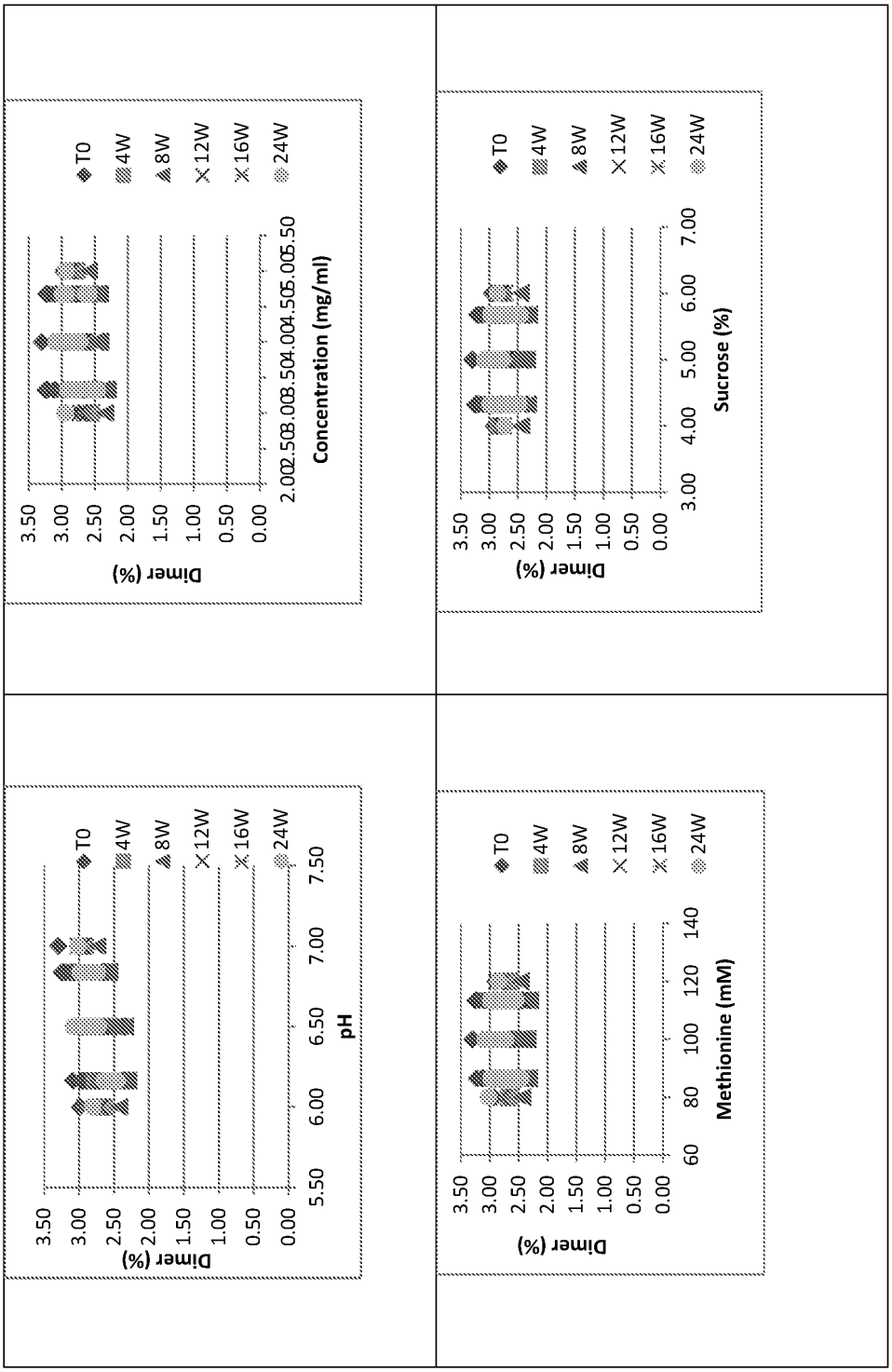

Dimer (%)
3.50
3.00
2.50
2.00
1.50
1.00
0.50
0.00
2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50
Concentration (mg/ml)
T0
4W
8W
12W
16W
24W
Dimer (%)
3.00 4.00 5.00 6.00 7.00
Sucrose (%)
Dimer (%)
5.50 6.00 6.50 7.00 7.50
pH
Dimer (%)
60 80 100 120 140
Methionine (mM)

FIG. 7

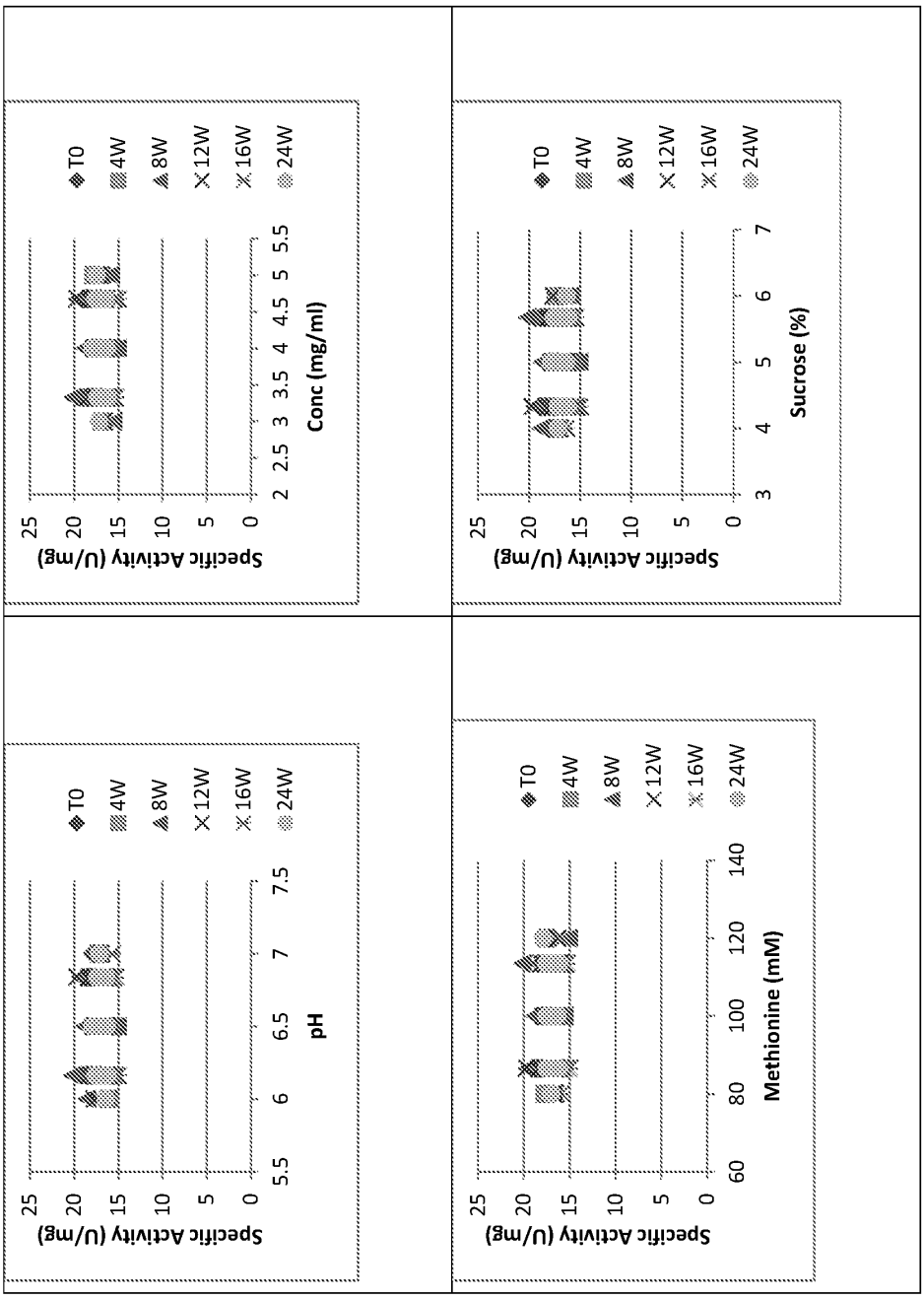

Specific Activity (U/mg)
25
20
15
10
5
0
5.5 6 6.5 7 7.5
pH
T0
4W
8W
12W
16W
24W
Specific Activity (U/mg)
2 2.5 3 3.5 4 4.5 5 5.5
Conc (mg/ml)
Specific Activity (U/mg)
60 80 100 120 140
Methionine (mM)
Specific Activity (U/mg)
3 4 5 6 7
Sucrose (%)

FIG. 8

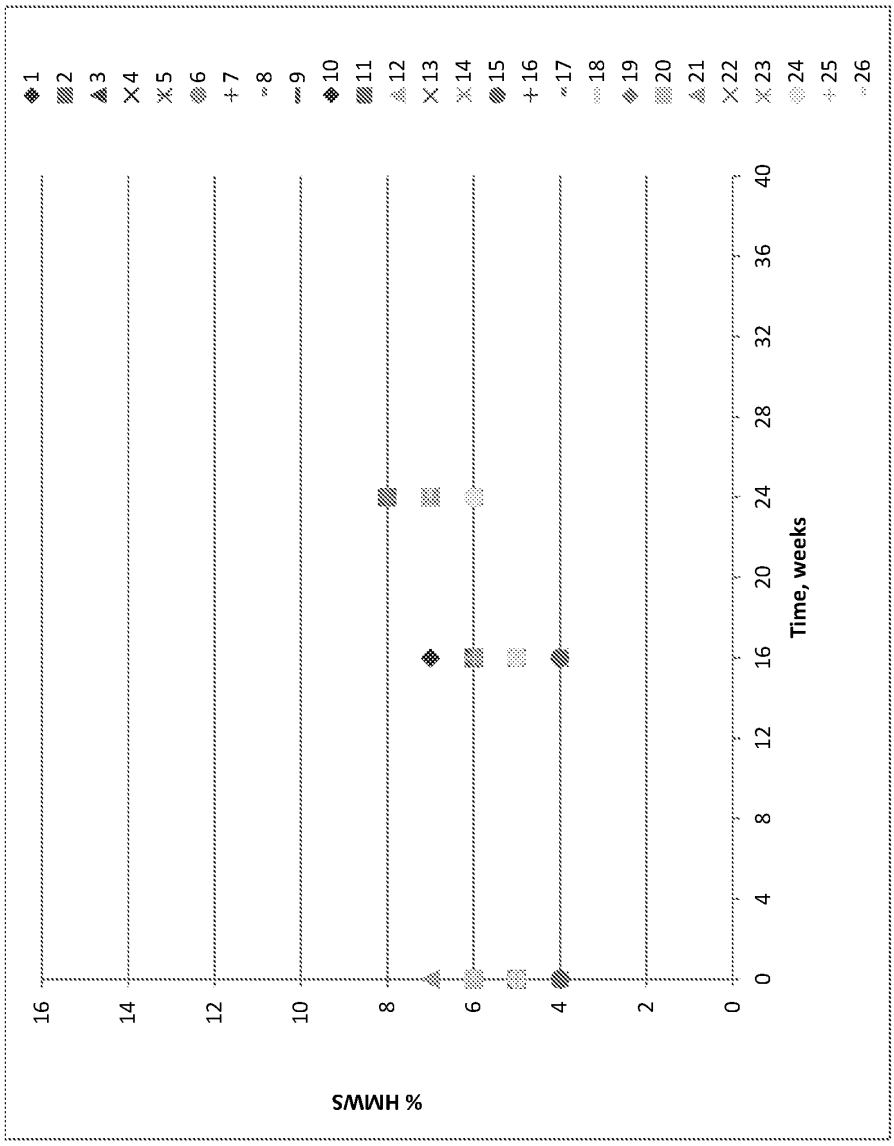

% HMWS
16
14
12
10
8
6
4
2
0
0
4
8
12
16
20
24
28
32
36
40
Time, weeks
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26

FIG. 9

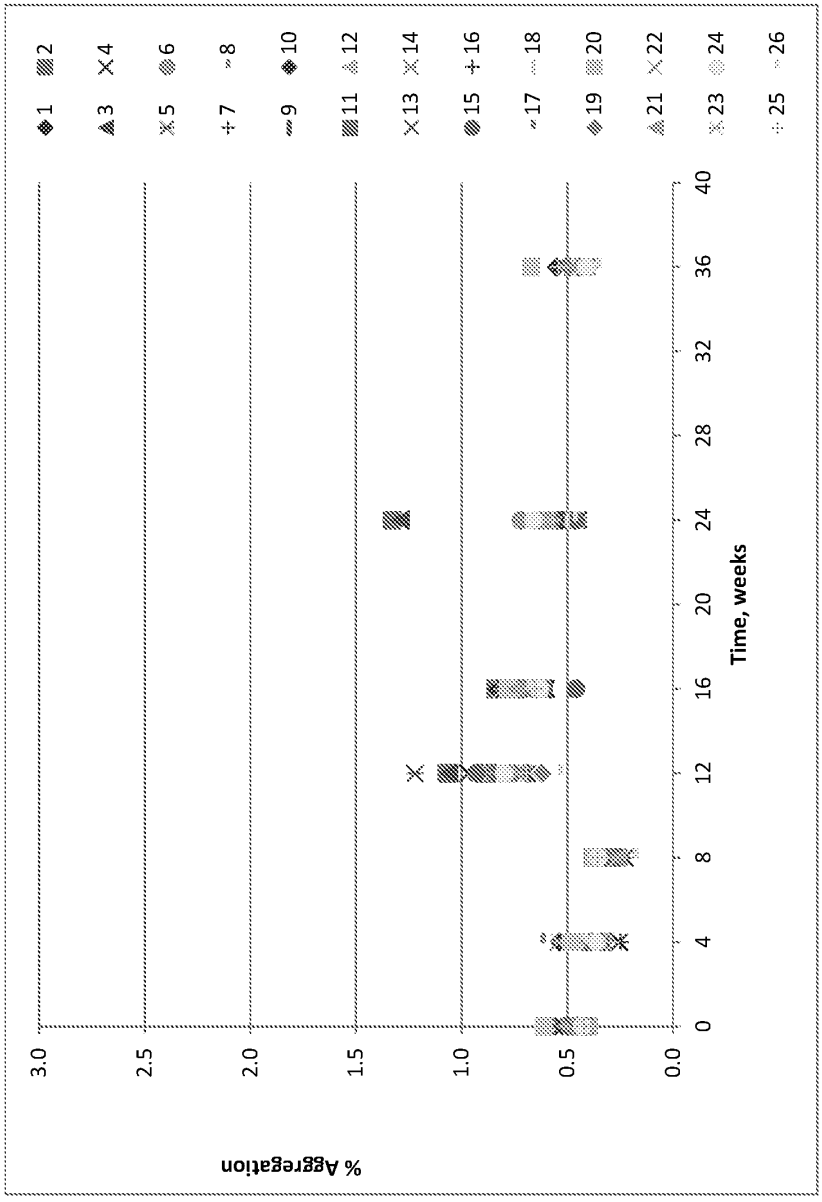

% Aggregation
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0
4
8
12
16
20
24
28
32
36
40
Time, weeks
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26

FIG. 10

