

Contents—Crystallizer Formulations

#	Well	Salt	Buffer	Precipitant	Additive
1	A1	210 mM Sodium Acetate	0.1 M Sodium Citrate:HCl pH 4.5	48 % (v/v) PEG 400	1.12% (v/v) Glycerol
2	A2	120 mM Potassium Chloride	0.1 M Sodium Acetate:HCl pH 5.5	32 % (v/v) PEG 400	
3	A3	230 mM Sodium Malonate	0.1 M Sodium Acetate:HCl pH 5.5	46 % (v/v) PEG 400	
4	A4	290 mM Magnesium acetate	0.1 M ADA:NaOH pH 6.5	42 % (v/v) PEG 400	
5	A5	180 mM Sodium Acetate	0.1 M HEPES:NaOH pH 7.5	45 % (v/v) PEG 400	450 mM TMAO
6	A6	290 mM Lithium Nitrate	0.1 M Tris:HCl pH 8.5	28 % (v/v) PEG 400	
7	A7	170 mM Magnesium Chloride	0.1 M CAPSO:NaOH pH 9.5	36 % (v/v) PEG 400	
8	A8	120 mM Magnesium Sulfate		36 % (v/v) PEG 400	3.67% (v/v) Glycerol
9	A9	170 mM Ammonium Sulfate		47 % (v/v) PEG 400	
10	A10	220 mM Sodium Malonate		41 % (v/v) PEG 400	
11	A11	40 mM Sodium Sulfate		31 % (v/v) PEG 400	
12	A12	240 mM Sodium Sulfate		32 % (v/v) PEG 400	
13	B1		0.1 M Sodium Citrate:HCl pH 4.5	30 % (v/v) PEG 550 MME	3.22% (v/v) Glycerol
14	B2		0.1 M Sodium Acetate:HCl pH 5.5	37 % (v/v) PEG 550 MME	
15	B3	200 mM Calcium Chloride	0.1 M Sodium Acetate:HCl pH 5.5	25 % (v/v) PEG 550 MME	
16	B4	170 mM Magnesium Sulfate	0.1 M ADA:NaOH pH 6.5	33 % (v/v) PEG 550 MME	
17	B5	140 mM Sodium Bromide	0.1 M ADA:NaOH pH 6.5	38 % (v/v) PEG 550 MME	
18	B6	100 mM Calcium Chloride	0.1 M HEPES:NaOH pH 7.5	39 % (v/v) PEG 550 MME	
19	B7	220 mM Ammonium Nitrate	0.1 M Tris:HCl pH 8.5	34 % (v/v) PEG 550 MME	
20	B8	60 mM Lithium Chloride	0.1 M CAPSO:NaOH pH 9.5	23 % (v/v) PEG 550 MME	
21	B9	290 mM Potassium Hydrogen Phosphate		29 % (v/v) PEG 550 MME	
22	B10	280 mM Sodium Bromide		23 % (v/v) PEG 550 MME	
23	B11			22 % (v/v) PEG 550 MME	
24	B12	200 mM Calcium Chloride		30 % (v/v) PEG 550 MME	
25	C1	220 mM Sodium Malonate		32 % (v/v) PEG 550 MME	
26	C2	160 mM Magnesium Acetate		38 % (v/v) PEG 550 MME	
27	C3	250 mM Sodium Acetate		33 % (v/v) PEG 550 MME	
28	C4	190 mM Potassium Chloride	0.1 M Sodium Citrate:HCl pH 4.5	25 % (w/v) PEG 1000	
29	C5	190 mM Ammonium Nitrate	0.1 M Sodium Citrate:HCl pH 4.5	35 % (w/v) PEG 1000	
30	C6	140 mM Ammonium Nitrate	0.1 M Sodium Acetate:HCl pH 5.5	27 % (w/v) PEG 1000	
31	C7		0.1 M ADA:NaOH pH 6.5	34 % (w/v) PEG 1000	
32	C8	200 mM Ammonium Nitrate	0.1 M HEPES:NaOH pH 7.5	20 % (w/v) PEG 1000	
33	C9	100 mM Sodium Malonate	0.1 M HEPES:NaOH pH 7.5	28 % (w/v) PEG 1000	
34	C10		0.1 M Tris:HCl pH 8.5	22 % (w/v) PEG 1000	
35	C11		0.1 M Tris:HCl pH 8.5	33 % (w/v) PEG 1000	
36	C12	180 mM Potassium Chloride	0.1 M CAPSO:NaOH pH 9.5	35 % (w/v) PEG 1000	
37	D1	290 mM Lithium Chloride	0.1 M CAPSO:NaOH pH 9.5	28 % (w/v) PEG 1000	
38	D2	240 mM Lithium Nitrate		19 % (w/v) PEG 1000	
39	D3	270 mM Ammonium Sulfate		33 % (w/v) PEG 1000	
40	D4	210 mM Sodium Bromide		29 % (w/v) PEG 1000	3.8% (v/v) Glycerol
41	D5			32 % (w/v) PEG 1000	2.35% (v/v) Glycerol
42	D6	180 mM Potassium Chloride		35 % (w/v) PEG 1000	4.16% (v/v) Glycerol
43	D7	20 mM Zinc Acetate		36 % (w/v) PEG 1000	
44	D8	200 mM Ammonium Sulfate			
45	D9		0.1 M Sodium Citrate:HCl pH 4.5	34 % (w/v) PEG 2000 MME	540 mM TMAO
46	D10		0.1 M Sodium Citrate:HCl pH 4.5	28 % (w/v) PEG 2000 MME	
47	D11	20 mM Zinc Acetate	0.1 M Sodium Citrate:HCl pH 4.5	26 % (w/v) PEG 2000 MME	
48	D12	100 mM Sodium Acetate	0.1 M Sodium Acetate:HCl pH 5.5	23 % (w/v) PEG 2000 MME	
49	E1	150 mM Sodium Nitrate	0.1 M Sodium Acetate:HCl pH 5.5	29 % (w/v) PEG 2000 MME	
50	E2		0.1 M Sodium Acetate:HCl pH 5.5	28 % (w/v) PEG 2000 MME	
51	E3	130 mM Sodium Sulfate	0.1 M ADA:NaOH pH 6.5	26 % (w/v) PEG 2000 MME	
52	E4		0.1 M ADA:NaOH pH 6.5	18 % (w/v) PEG 2000 MME	
53	E5	290 mM Lithium Chloride	0.1 M HEPES:NaOH pH 7.5	29 % (w/v) PEG 2000 MME	
54	E6	280 mM Lithium Nitrate	0.1 M Tris:HCl pH 8.5	17 % (w/v) PEG 2000 MME	
55	E7	20 mM Zinc Acetate	0.1 M ADA:NaOH pH 6.5	34 % (w/v) PEG 2000 MME	
56	E8		0.1 M CAPSO:NaOH pH 9.5	29 % (w/v) PEG 2000 MME	
57	E9	120 mM Lithium Sulfate	0.1 M CAPSO:NaOH pH 9.5	17 % (w/v) PEG 2000 MME	
58	E10	270 mM Magnesium Sulfate		18 % (w/v) PEG 2000 MME	
59	E11	200 mM Magnesium Chloride		22 % (w/v) PEG 2000 MME	
60	E12	210 mM Ammonium Sulfate		31 % (w/v) PEG 2000 MME	
61	F1	170 mM Magnesium Chloride		29 % (w/v) PEG 2000 MME	
62	F2	110 mM Calcium Chloride		26 % (w/v) PEG 2000 MME	
63	F3	160 mM Magnesium Chloride		27 % (w/v) PEG 2000 MME	
64	F4	230 mM Sodium Acetate		30 % (w/v) PEG 2000 MME	
65	F5	130 mM Sodium Acetate		27 % (w/v) PEG 2000 MME	
66	F6	240 mM Magnesium Chloride		33 % (w/v) PEG 2000 MME	
67	F7		0.1 M Sodium Citrate:HCl pH 4.5	16 % (w/v) PEG 4000	
68	F8	210 mM Magnesium Chloride	0.1 M Sodium Citrate:HCl pH 4.5	14 % (w/v) PEG 4000	
69	F9	120 mM Ammonium Nitrate	0.1 M Sodium Acetate:HCl pH 5.5	16 % (w/v) PEG 4000	
70	F10		0.1 M Sodium Acetate:HCl pH 5.5	20 % (w/v) PEG 4000	
71	F11		0.1 M Sodium Acetate:HCl pH 5.5	16 % (w/v) PEG 4000	870 mM TMAO
72	F12	200 mM Magnesium Chloride	0.1 M Sodium Acetate:HCl pH 5.5	20 % (w/v) PEG 4000	
73	G1	290 mM Sodium Acetate	0.1 M ADA:NaOH pH 6.5	13 % (w/v) PEG 4000	
74	G2	50 mM Lithium Nitrate	0.1 M ADA:NaOH pH 6.5	19 % (w/v) PEG 4000	
75	G3	20 mM Zinc Acetate	0.1 M ADA:NaOH pH 6.5	16 % (w/v) PEG 4000	
76	G4	270 mM Ammonium Nitrate	0.1 M HEPES:NaOH pH 7.5	17 % (w/v) PEG 4000	
77	G5	150 mM Ammonium Nitrate	0.1 M HEPES:NaOH pH 7.5	13 % (w/v) PEG 4000	420 mM TMAO
78	G6	110 mM Lithium Sulfate	0.1 M Tris:HCl pH 8.5	13 % (w/v) PEG 4000	1.67% (v/v) Glycerol
79	G7	240 mM Lithium Acetate	0.1 M Tris:HCl pH 8.5	12 % (w/v) PEG 4000	
80	G8		0.1 M Tris:HCl pH 8.5	21 % (w/v) PEG 4000	
81	G9	270 mM Potassium Hydrogen Phosphate Dibasic	0.1 M Tris:HCl pH 8.5	18 % (w/v) PEG 4000	
82	G10	200 mM Sodium Sulfate	0.1 M CAPSO:NaOH pH 9.5	14 % (w/v) PEG 4000	
83	G11		0.1 M CAPSO:NaOH pH 9.5	20 % (w/v) PEG 4000	
84	G12	280 mM Sodium Bromide		23 % (w/v) PEG 4000	
85	H1	210 mM Magnesium Chloride		13 % (w/v) PEG 4000	1.37% (v/v) Glycerol
86	H2	230 mM potassium thiocyanate		20 % (w/v) PEG 4000	1.11% (v/v) Glycerol
87	H3	220 mM Magnesium Sulfate	0.1 M Sodium Citrate:HCl pH 4.5	18 % (w/v) PEG 5000 MME	
88	H4	250 mM Lithium Nitrate	0.1 M Sodium Acetate:HCl pH 5.5	17 % (w/v) PEG 5000 MME	4.57% (v/v) Glycerol
89	H5	220 mM Sodium Sulfate	0.1 M Sodium Acetate:HCl pH 5.5	18 % (w/v) PEG 5000 MME	470 mM TMAO
90	H6	80 mM Lithium Sulfate	0.1 M ADA:NaOH pH 6.5	20 % (w/v) PEG 5000 MME	
91	H7	180 mM Ammonium Sulfate	0.1 M HEPES:NaOH pH 7.5	12 % (w/v) PEG 5000 MME	
92	H8	200 mM Sodium Sulfate	0.1 M Tris:HCl pH 8.5	20 % (w/v) PEG 5000 MME	
93	H9	150 mM Lithium Nitrate	0.1 M CAPSO:NaOH pH 9.5	15 % (w/v) PEG 5000 MME	
94	H10	50 mM Calcium Chloride		13 % (w/v) PEG 5000 MME	
95	H11	20 mM Zinc Acetate		14 % (w/v) PEG 5000 MME	
96	H12			16 % (w/v) PEG 5000 MME	