

**SmartScreen
Formulation Sheet**

MLS-1 #	Pos	% w/v	Polymer	M	Salt	pH	M	Buffer	Conc	Additive
1	A1	50	PEG 400	0.2	Lithium sulfate	5.1	0.1	Sodium acetate (H2O)3		
2	A2	30	PEG 4000	0.2	Magnesium chloride	8.5	0.1	TRIS		
3	B1	20	PEG 3000			5.5	0.1	Sodium citrate		
4	B2	30	PEG 4000	0.2	Ammonium acetate	4.6	0.1	Sodium acetate (H2O)3		
5	C1	20	PEG 3350			5	0.2	Ammonium citrate		
6	C2	20	PEG 8000	0.2	Magnesium acetate (H2O)4	6.5	0.1	Sodium cacodylate (H2O)3		
7	D1	20	PEG 6000	1	Lithium chloride	4	0.1	Citric acid		
8	D2			1.4	Sodium citrate tribasic (H2O)2	7.5	0.1	HEPES		
9	E1	20	PEG 3350			5.9	0.2	Magnesium formate		
10	E2	2	PEG 400	2	Ammonium sulfate	7.5	0.1	HEPES		
11	F1	20	PEG 1000	0.2	Lithium sulfate	4.2	0.1	Citric acid		
12	F2	30	PEG 1500							
13	G1	20	PEG 8000			9.5	0.1	CHES		
14	G2			2	Ammonium sulfate	8.5	0.1	TRIS		
15	H1	20	PEG 3350			6.6	0.2	Ammonium formate		
16	H2	30	PEG 4000	0.2	Lithium sulfate	8.5	0.1	TRIS		
17	A6	20	PEG 3350			6.3	0.2	Ammonium chloride		
18	A7	30	PEG 8000	0.2	Ammonium sulfate					
19	B6	20	PEG 3350			7.3	0.2	Potassium formate		
20	B7	8	PEG 8000			8.5	0.1	TRIS		
21	C6			0.2	Ammonium phosphate monobasic	8.5	0.1	TRIS	50% v/v	MPD
22	C7	20	PEG 4000			7.5	0.1	HEPES	10% v/v	2-propanol
23	D6	20	PEG 3350			6.9	0.2	Potassium nitrate		
24	D7	18	PEG 8000	0.2	Zinc acetate (H2O)2	6.5	0.1	Sodium cacodylate (H2O)3		
25	E6			0.8	Ammonium sulfate	4	0.1	Citric acid		
26	E7			0.02	Calcium chloride	4.6	0.1	Sodium acetate (H2O)3	30 % v/v	MPD
27	F6	20	PEG 3350			6.9	0.2	Sodium thiocyanate		
28	F7			1	Ammonium phosphate monobasic	5.6	0.1	Sodium citrate		
29	G6	20	PEG 6000			9	0.1	Bicine		
30	G7	30	PEG 400	0.2	Sodium citrate tribasic (H2O)2	8.5	0.1	TRIS		
31	H6	10	PEG 8000			7.5	0.1	HEPES	8% v/v	ethylene glycol
32	H7	28	PEG 400	0.2	Calcium chloride	7.5	0.1	HEPES		
33	A11	5	PEG 8000			7	0.1	Sodium cacodylate (H2O)3	40% v/v	MPD
34	A12			1.5	Lithium sulfate	7.5	0.1	HEPES		
35	B11	5	PEG 1000			5.2	0.1	Citric acid	40% v/v	Ethanol
36	B12	25	PEG 4000	0.2	Ammonium sulfate	4.6	0.1	Sodium acetate (H2O)3		
37	C11	8	PEG 4000			4.6	0.1	Sodium acetate (H2O)3		
38	C12			0.2	Magnesium acetate (H2O)4	6.5	0.1	Sodium cacodylate (H2O)3	30% v/v	MPD
39	D11	10	PEG 8000	0.2	Magnesium chloride	7	0.1	TRIS		
40	D12	30	PEG 8000	0.2	Sodium acetate (H2O)3	6.5	0.1	Sodium cacodylate (H2O)3		
41	E11	20	PEG 6000			5	0.1	Citric acid		
42	E12			4	Sodium formate					
43	F11	50	PEG 200	0.2	Magnesium chloride	6.6	0.1	Sodium cacodylate (H2O)3		
44	F12			2	Sodium formate	4.6	0.1	Sodium acetate (H2O)3		
45	G11					6.5	1.6	Sodium citrate		
46	G12			0.8	Sodium phosphate monobasic (H2O)	7.5	0.1	HEPES	0.8 M	Potassium phosphate monobasic
47	H11	20	PEG 3350			8.3	0.2	Tripotassium citrate monohydrate		
48	H12	20	PEG 8000	0.05	Potassium phosphate monobasic					