

CATIONS SUITE

	1	2	3	4	5	6	7	8	9	10	11	12
A	1	9	17	25	33	41	49	57	65	73	81	89
B	2	10	18	26	34	42	50	58	66	74	82	90
C	3	11	19	27	35	43	51	59	67	75	83	91
D	4	12	20	28	36	44	52	60	68	76	84	92
E	5	13	21	29	37	45	53	61	69	77	85	93
F	6	14	22	30	38	46	54	62	70	78	86	94
G	7	15	23	31	39	47	55	63	71	79	87	95
H	8	16	24	32	40	48	56	64	72	80	88	96

The Cations Suite Composition Table

Number	Buffer	Precipitant
1	0.1 M Sodium acetate pH 4.6	3.5 M Ammonium chloride
2	0.1 M Sodium acetate pH 4.6	1.75 M Ammonium chloride
3	0.1 M Sodium acetate pH 4.6	4.0 M Lithium chloride
4	0.1 M Sodium acetate pH 4.6	2.0 M Lithium chloride
5	0.1 M Sodium acetate pH 4.6	1.5 M Magnesium chloride
6	0.1 M Sodium acetate pH 4.6	0.75 M Magnesium chloride
7	0.1 M MES pH 6.5	3.5 M Ammonium chloride
8	0.1 M MES pH 6.5	1.75 M Ammonium chloride
9	0.1 M MES pH 6.5	4.0 M Lithium chloride
10	0.1 M MES pH 6.5	2.0 M Lithium chloride
11	0.1 M MES pH 6.5	1.5 M Magnesium chloride
12	0.1 M MES pH 6.5	0.75 M Magnesium chloride
13	0.1 M HEPES pH 7.5	3.5 M Ammonium chloride
14	0.1 M HEPES pH 7.5	1.75 M Ammonium chloride
15	0.1 M HEPES pH 7.5	4.0 M Lithium chloride
16	0.1 M HEPES pH 7.5	2.0 M Lithium chloride
17	0.1 M HEPES pH 7.5	1.5 M Magnesium chloride
18	0.1 M HEPES pH 7.5	0.75 M Magnesium chloride
19	0.1 M TRIS.HCl pH 8.5	3.5 M Ammonium chloride
20	0.1 M TRIS.HCl pH 8.5	1.75 M Ammonium chloride
21	0.1 M TRIS.HCl pH 8.5	4.0 M Lithium chloride

22	0.1 M TRIS.HCl pH 8.5	2.0 M Lithium chloride
23	0.1 M TRIS.HCl pH 8.5	1.5 M Magnesium chloride
24	0.1 M TRIS.HCl pH 8.5	0.75 M Magnesium chloride
25	0.1 M Sodium acetate pH 4.6	4.5 M Ammonium acetate
26	0.1 M Sodium acetate pH 4.6	2.25 M Ammonium acetate
27	0.1 M Sodium acetate pH 4.6	2.5 M Lithium acetate
28	0.1 M Sodium acetate pH 4.6	1.25 M Lithium acetate
29	0.1 M Sodium acetate pH 4.6	2.0 M Magnesium acetate
30	0.1 M Sodium acetate pH 4.6	1.0 M Magnesium acetate
31	0.1 M MES pH 6.5	4.5 M Ammonium acetate
32	0.1 M MES pH 6.5	2.25 M Ammonium acetate
33	0.1 M MES pH 6.5	2.5 M Lithium acetate
34	0.1 M MES pH 6.5	1.25 M Lithium acetate
35	0.1 M MES pH 6.5	2.0 M Magnesium acetate
36	0.1 M MES pH 6.5	1.0 M Magnesium acetate
37	0.1 M HEPES pH 7.5	4.5 M Ammonium acetate
38	0.1 M HEPES pH 7.5	2.25 M Ammonium acetate
39	0.1 M HEPES pH 7.5	2.5 M Lithium acetate
40	0.1 M HEPES pH 7.5	1.25 M Lithium acetate
41	0.1 M HEPES pH 7.5	2.0 M Magnesium acetate
42	0.1 M HEPES pH 7.5	1.0 M Magnesium acetate
43	0.1 M TRIS.HCl pH 8.5	4.5 M Ammonium acetate
44	0.1 M TRIS.HCl pH 8.5	2.25 M Ammonium acetate
45	0.1 M TRIS.HCl pH 8.5	2.5 M Lithium acetate
46	0.1 M TRIS.HCl pH 8.5	1.25 M Lithium acetate
47	0.1 M TRIS.HCl pH 8.5	2.0 M Magnesium acetate
48	0.1 M TRIS.HCl pH 8.5	1.0 M Magnesium acetate
49	0.1 M Sodium acetate pH 4.6	2.2 M Calcium chloride
50	0.1 M Sodium acetate pH 4.6	1.1 M Calcium chloride
51	0.1 M Sodium acetate pH 4.6	3.2 M Sodium chloride
52	0.1 M Sodium acetate pH 4.6	1.6 M Sodium chloride
53	0.1 M Sodium acetate pH 4.6	1.6 M Zinc sulfate
54	0.1 M Sodium acetate pH 4.6	0.8 M Zinc sulfate
55	0.1 M MES pH 6.5	2.2 M Calcium chloride
56	0.1 M MES pH 6.5	1.1 M Calcium chloride
57	0.1 M MES pH 6.5	3.2 M Sodium chloride
58	0.1 M MES pH 6.5	1.6 M Sodium chloride
59	0.1 M Sodium cacodylate pH 6.5	1.6 M Zinc sulfate
60	0.1 M Sodium cacodylate pH 6.5	0.8 M Zinc sulfate
61	0.1 M HEPES pH 7.5	2.2 M Calcium chloride
62	0.1 M HEPES pH 7.5	1.1 M Calcium chloride
63	0.1 M HEPES pH 7.5	3.2 M Sodium chloride
64	0.1 M HEPES pH 7.5	1.6 M Sodium chloride
65	0.1 M Imidazole pH 7.5	1.6 M Zinc sulfate
66	0.1 M Imidazole pH 7.5	0.8 M Zinc sulfate
67	0.1 M TRIS.HCl pH 8.5	2.2 M Calcium chloride
68	0.1 M TRIS.HCl pH 8.5	1.1 M Calcium chloride
69	0.1 M TRIS.HCl pH 8.5	3.2 M Sodium chloride

70	0.1 M TRIS.HCl pH 8.5	1.6 M Sodium chloride
71	0.1 M BICINE pH 8.5	1.6 M Zinc sulfate
72	0.1 M BICINE pH 8.5	0.8 M Zinc sulfate
73	0.1 M Sodium acetate pH 4.6	4.0 M Potassium acetate
74	0.1 M Sodium acetate pH 4.6	2.0 M Potassium acetate
75	0.1 M Sodium acetate pH 4.6	2.2 M Potassium chloride
76	0.1 M Sodium acetate pH 4.6	1.1 M Potassium chloride
77	0.1 M Sodium acetate pH 4.6	1.2 M Zinc acetate
78	0.1 M Sodium acetate pH 4.6	0.6 M Zinc acetate
79	0.1 M MES pH 6.5	4.0 M Potassium acetate
80	0.1 M MES pH 6.5	2.0 M Potassium acetate
81	0.1 M MES pH 6.5	2.2 M Potassium chloride
82	0.1 M MES pH 6.5	1.1 M Potassium chloride
83	0.1 M MES pH 6.5	1.2 M Zinc acetate
84	0.1 M MES pH 6.5	0.6 M Zinc acetate
85	0.1 M HEPES pH 7.5	4.0 M Potassium acetate
86	0.1 M HEPES pH 7.5	2.0 M Potassium acetate
87	0.1 M HEPES pH 7.5	2.2 M Potassium chloride
88	0.1 M HEPES pH 7.5	1.1 M Potassium chloride
89	0.1 M Imidazole pH 7.5	1.2 M Zinc acetate
90	0.1 M Imidazole pH 7.5	0.6 M Zinc acetate
91	0.1 M TRIS.HCl pH 8.5	4.0 M Potassium acetate
92	0.1 M TRIS.HCl pH 8.5	2.0 M Potassium acetate
93	0.1 M TRIS.HCl pH 8.5	2.2 M Potassium chloride
94	0.1 M TRIS.HCl pH 8.5	1.1 M Potassium chloride
95	0.1 M TRIS.HCl pH 8.5	1.2 M Zinc acetate
96	0.1 M TRIS.HCl pH 8.5	0.6 M Zinc acetate