

Tube Number	Salt	Tube Number	Buffer †
1.	0.8 M Sodium Acetate pH 7.0	1.	0.1 M Bis-Tris Propane pH 7.0
2.	2.8 M Sodium Acetate pH 7.0	2.	0.1 M Bis-Tris Propane pH 7.0
3.	0.5 M Ammonium Chloride	3.	0.1 M Sodium Acetate pH 4.6
4.	1.5 M Ammonium Chloride	4.	0.1 M Bis-Tris Propane pH 7.0
5.	1.5 M Ammonium Chloride	5.	0.1 M Tris pH 8.5
6.	3.5 M Ammonium Chloride	6.	0.1 M Sodium Acetate pH 4.6
7.	3.5 M Ammonium Chloride	7.	0.1 M Bis-Tris Propane pH 7.0
8.	3.5 M Ammonium Chloride	8.	0.1 M Tris pH 8.5
9.	2.2 M Sodium Chloride	9.	0.1 M Sodium Acetate pH 4.6
10.	2.2 M Sodium Chloride	10.	0.1 M Bis-Tris Propane pH 7.0
11.	2.2 M Sodium Chloride	11.	0.1 M Tris pH 8.5
12.	3.2 M Sodium Chloride	12.	0.1 M Sodium Acetate pH 4.6
13.	3.2 M Sodium Chloride	13.	0.1 M Bis-Tris Propane pH 7.0
14.	3.2 M Sodium Chloride	14.	0.1 M Tris pH 8.5
15.	1.0 M di-Ammonium hydrogen Citrate	15.	0.1 M Sodium Acetate pH 4.6
16.	1.8 M di-Ammonium hydrogen Citrate	16.	0.1 M Sodium Acetate pH 4.6
17.	1.0 M tri-Ammonium Citrate pH 7.0	17.	0.1 M Bis-Tris Propane pH 7.0
18.	2.0 M tri-Ammonium Citrate pH 7.0	18.	0.1 M Bis-Tris Propane pH 7.0
19.	0.7 M tri-Sodium Citrate dihydrate	19.	0.1 M Bis-Tris Propane pH 7.0
20.	0.7 M tri-Sodium Citrate dihydrate	20.	0.1 M Tris pH 8.5
21.	1.2 M tri-Sodium Citrate dihydrate	21.	0.1 M Bis-Tris Propane pH 7.0
22.	1.2 M tri-Sodium Citrate dihydrate	22.	0.1 M Tris pH 8.5
23.	0.4 M Magnesium Formate	23.	0.1 M Sodium Acetate pH 4.6
24.	0.4 M Magnesium Formate	24.	0.1 M Bis-Tris Propane pH 7.0
25.	0.4 M Magnesium Formate	25.	0.1 M Tris pH 8.5
26.	0.7 M Magnesium Formate	26.	0.1 M Bis-Tris Propane pH 7.0
27.	2.0 M Sodium Formate	27.	0.1 M Sodium Acetate pH 4.6
28.	2.0 M Sodium Formate	28.	0.1 M Bis-Tris Propane pH 7.0
29.	2.0 M Sodium Formate	29.	0.1 M Tris pH 8.5
30.	3.5 M Sodium Formate	30.	0.1 M Sodium Acetate pH 4.6
31.	3.5 M Sodium Formate	31.	0.1 M Bis-Tris Propane pH 7.0
32.	3.5 M Sodium Formate	32.	0.1 M Tris pH 8.5
33.	1.2 M DL-Malic Acid pH 7.0	33.	0.1 M Bis-Tris Propane pH 7.0
34.	2.2 M DL-Malic Acid pH 7.0	34.	0.1 M Bis-Tris Propane pH 7.0
35.	1.4 M Sodium Malonate pH 7.0	35.	0.1 M Bis-Tris Propane pH 7.0
36.	2.4 M Sodium Malonate pH 7.0	36.	0.1 M Bis-Tris Propane pH 7.0
37.	2.5 M Ammonium Nitrate	37.	0.1 M Sodium Acetate pH 4.6
38.	2.5 M Ammonium Nitrate	38.	0.1 M Bis-Tris Propane pH 7.0
39.	2.5 M Ammonium Nitrate	39.	0.1 M Tris pH 8.5
40.	6.0 M Ammonium Nitrate	40.	0.1 M Sodium Acetate pH 4.6
41.	6.0 M Ammonium Nitrate	41.	0.1 M Bis-Tris Propane pH 7.0
42.	6.0 M Ammonium Nitrate	42.	0.1 M Tris pH 8.5
43.	1.5 M Sodium Nitrate	43.	0.1 M Sodium Acetate pH 4.6
44.	1.5 M Sodium Nitrate	44.	0.1 M Bis-Tris Propane pH 7.0
45.	1.5 M Sodium Nitrate	45.	0.1 M Tris pH 8.5
46.	4.0 M Sodium Nitrate	46.	0.1 M Sodium Acetate pH 4.6
47.	4.0 M Sodium Nitrate	47.	0.1 M Bis-Tris Propane pH 7.0
48.	4.0 M Sodium Nitrate	48.	0.1 M Tris pH 8.5

† Buffer pH is that of a 1.0 M stock prior to dilution with other reagent components. pH with HCl or NaOH.

*SaltRx contains ninety-six unique reagents.
To determine the formulation of each reagent, simply read across the page.*

**HAMPTON
RESEARCH**

Solutions for Crystal Growth

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Tube Number	Salt	Tube Number	Buffer †
49.	1.0 M Ammonium dihydrogen Phosphate	49.	0.1 M Sodium Acetate pH 4.6
50.	1.8 M Ammonium dihydrogen Phosphate	50.	0.1 M Sodium Acetate pH 4.6
51.	1.5 M di-Ammonium hydrogen Phosphate	51.	0.1 M Tris pH 8.5
52.	2.4 M di-Ammonium hydrogen Phosphate	52.	0.1 M Tris pH 8.5
53.	1.0 M Sodium/Potassium Phosphate pH 5.0	53.	None
54.	1.0 M Sodium/Potassium Phosphate pH 6.9	54.	None
55.	1.0 M Sodium/Potassium Phosphate pH 8.2	55.	None
56.	1.8 M Sodium/Potassium Phosphate pH 5.0	56.	None
57.	1.8 M Sodium/Potassium Phosphate pH 6.9	57.	None
58.	1.8 M Sodium/Potassium Phosphate pH 8.2	58.	None
59.	0.5 M Sodium Succinate pH 7.0	59.	0.1 M Bis-Tris Propane pH 7.0
60.	1.0 M Sodium Succinate pH 7.0	60.	0.1 M Bis-Tris Propane pH 7.0
61.	1.5 M Ammonium Sulfate	61.	0.1 M Sodium Acetate pH 4.6
62.	1.5 M Ammonium Sulfate	62.	0.1 M Bis-Tris Propane pH 7.0
63.	1.5 M Ammonium Sulfate	63.	0.1 M Tris pH 8.5
64.	2.5 M Ammonium Sulfate	64.	0.1 M Sodium Acetate pH 4.6
65.	2.5 M Ammonium Sulfate	65.	0.1 M Bis-Tris Propane pH 7.0
66.	2.5 M Ammonium Sulfate	66.	0.1 M Tris pH 8.5
67.	0.8 M Lithium Sulfate monohydrate	67.	0.1 M Sodium Acetate pH 4.6
68.	0.8 M Lithium Sulfate monohydrate	68.	0.1 M Bis-Tris Propane pH 7.0
69.	0.8 M Lithium Sulfate monohydrate	69.	0.1 M Tris pH 8.5
70.	1.5 M Lithium Sulfate monohydrate	70.	0.1 M Sodium Acetate pH 4.6
71.	1.5 M Lithium Sulfate monohydrate	71.	0.1 M Bis-Tris Propane pH 7.0
72.	.5 M Lithium Sulfate monohydrate	72.	0.1 M Tris pH 8.5
73.	1.0 M Magnesium Sulfate hydrate	73.	0.1 M Sodium Acetate pH 4.6
74.	1.0 M Magnesium Sulfate hydrate	74.	0.1 M Bis-Tris Propane pH 7.0
75.	1.0 M Magnesium Sulfate hydrate	75.	0.1 M Tris pH 8.5
76.	1.8 M Magnesium Sulfate hydrate	76.	0.1 M Sodium Acetate pH 4.6
77.	1.8 M Magnesium Sulfate hydrate	77.	0.1 M Bis-Tris Propane pH 7.0
78.	1.8 M Magnesium Sulfate hydrate	78.	0.1 M Tris pH 8.5
79.	0.7 M di-Ammonium Tartrate	79.	0.1 M Sodium Acetate pH 4.6
80.	0.7 M di-Ammonium Tartrate	80.	0.1 M Bis-Tris Propane pH 7.0
81.	0.7 M di-Ammonium Tartrate	81.	0.1 M Tris pH 8.5
82.	1.1 M di-Ammonium Tartrate	82.	0.1 M Sodium Acetate pH 4.6
83.	1.3 M di-Ammonium Tartrate	83.	0.1 M Bis-Tris Propane pH 7.0
84.	1.4 M di-Ammonium Tartrate	84.	0.1 M Tris pH 8.5
85.	0.6 M Potassium Sodium Tartrate tetrahydrate	85.	0.1 M Bis-Tris Propane pH 7.0
86.	1.2 M Potassium Sodium Tartrate tetrahydrate	86.	0.1 M Bis-Tris Propane pH 7.0
87.	0.6 M Potassium Sodium Tartrate tetrahydrate	87.	0.1 M Tris pH 8.5
88.	1.2 M Potassium Sodium Tartrate tetrahydrate	88.	0.1 M Tris pH 8.5
89.	0.5 M Potassium Thiocyanate	89.	0.1 M Sodium Acetate pH 4.6
90.	0.5 M Potassium Thiocyanate	90.	0.1 M Bis-Tris Propane pH 7.0
91.	0.5 M Potassium Thiocyanate	91.	0.1 M Tris pH 8.5
92.	4.0 M Ammonium Acetate	92.	0.1 M Sodium Acetate pH 4.6
93.	4.0 M Ammonium Acetate	93.	0.1 M Bis-Tris Propane pH 7.0
94.	4.0 M Ammonium Acetate	94.	0.1 M Tris pH 8.5
95.	35% v/v Tacsimate	95.	0.1 M Bis-Tris Propane pH 7.0
96.	60% v/v Tacsimate	96.	0.1 M Bis-Tris Propane pH 7.0

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