

Sample: _____ Sample Concentration: _____
 Sample Buffer: _____ Date: _____
 Reservoir Volume: _____ Temperature: _____
 Drop Volume: Total _____ μ l Sample _____ μ l Reservoir _____ μ l Additive _____ μ l

- 1 Clear Drop
- 2 Phase Separation
- 3 Regular Granular Precipitate
- 4 Birefringent Precipitate or Microcrystals

- 5 Posettes or Spherulites
- 6 Needles (1D Growth)
- 7 Plates (2D Growth)
- 8 Single Crystals (3D Growth < 0.2 mm)
- 9 Single Crystals (3D Growth > 0.2 mm)

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Date: Date: Date:

1.	0.1 M Citric acid pH 3.5, 2.0 M Ammonium sulfate			
2.	0.1 M Sodium acetate trihydrate pH 4.5, 2.0 M Ammonium sulfate			
3.	0.1 M BIS-TRIS pH 5.5, 2.0 M Ammonium sulfate			
4.	0.1 M BIS-TRIS pH 6.5, 2.0 M Ammonium sulfate			
5.	0.1 M HEPES pH 7.5, 2.0 M Ammonium sulfate			
6.	0.1 M Tris pH 8.5, 2.0 M Ammonium sulfate			
7.	0.1 M Citric acid pH 3.5, 3.0 M Sodium chloride			
8.	0.1 M Sodium acetate trihydrate pH 4.5, 3.0 M Sodium chloride			
9.	0.1 M BIS-TRIS pH 5.5, 3.0 M Sodium chloride			
10.	0.1 M BIS-TRIS pH 6.5, 3.0 M Sodium chloride			
11.	0.1 M HEPES pH 7.5, 3.0 M Sodium chloride			
12.	0.1 M Tris pH 8.5, 3.0 M Sodium chloride			
13.	0.1 M BIS-TRIS pH 5.5, 0.3 M Magnesium formate dihydrate			
14.	0.1 M BIS-TRIS pH 6.5, 0.5 M Magnesium formate dihydrate			
15.	0.1 M HEPES pH 7.5, 0.5 M Magnesium formate dihydrate			
16.	0.1 M TRIS pH 8.5, 0.3 M Magnesium formate dihydrate			
17.	1.26 M Sodium phosphate monobasic monohydrate, 0.14 M Potassium phosphate dibasic, pH 5.6			
18.	0.49 M Sodium phosphate monobasic monohydrate, 0.91 M Potassium phosphate dibasic, pH 6.9			
19.	0.056 M Sodium phosphate monobasic monohydrate, 1.344 M Potassium phosphate dibasic, pH 8.2			
20.	0.1 M HEPES pH 7.5, 1.4 M Sodium citrate tribasic dihydrate			
21.	1.8 M Ammonium citrate tribasic pH 7.0			
22.	0.8 M Succinic acid pH 7.0			
23.	2.1 M DL-Malic acid pH 7.0			
24.	2.8 M Sodium acetate trihydrate pH 7.0			
25.	3.5 M Sodium formate pH 7.0			
26.	1.1 M Ammonium tartrate dibasic pH 7.0			
27.	2.4 M Sodium malonate pH 7.0			
28.	35% v/v Tacsimate™ pH 7.0			
29.	60% v/v Tacsimate™ pH 7.0			
30.	0.1 M Sodium chloride, 0.1 M BIS-TRIS pH 6.5, 1.5 M Ammonium sulfate			
31.	0.8 M Potassium sodium tartrate tetrahydrate, 0.1 M Tris pH 8.5, 0.5% w/v Polyethylene glycol monomethyl ether 5,000			
32.	1.0 M Ammonium sulfate, 0.1 M BIS-TRIS pH 5.5, 1% w/v Polyethylene glycol 3,350			
33.	1.1 M Sodium malonate pH 7.0, 0.1 M HEPES pH 7.0, 0.5% v/v Jeffamine® ED-2001 pH 7.0			
34.	1.0 M Succinic acid pH 7.0, 0.1 M HEPES pH 7.0, 1% w/v Polyethylene glycol monomethyl ether 2,000			
35.	1.0 M Ammonium sulfate, 0.1 M HEPES pH 7.0, 0.5% w/v Polyethylene glycol 8,000			
36.	15% v/v Tacsimate™ pH 7.0, 0.1 M HEPES pH 7.0, 2% w/v Polyethylene glycol 3,350			
37.	25% w/v Polyethylene glycol 1,500			
38.	0.1 M HEPES pH 7.0, 30% v/v Jeffamine® M-600® pH 7.0			
39.	0.1 M HEPES pH 7.0, 30% v/v Jeffamine® ED-2001 pH 7.0			
40.	0.1 M Citric acid pH 3.5, 25% w/v Polyethylene glycol 3,350			
41.	0.1 M Sodium acetate trihydrate pH 4.5, 25% w/v Polyethylene glycol 3,350			
42.	0.1 M BIS-TRIS pH 5.5, 25% w/v Polyethylene glycol 3,350			
43.	0.1 M BIS-TRIS pH 6.5, 25% w/v Polyethylene glycol 3,350			
44.	0.1 M HEPES pH 7.5, 25% w/v Polyethylene glycol 3,350			
45.	0.1 M Tris pH 8.5, 25% w/v Polyethylene glycol 3,350			
46.	0.1 M BIS-TRIS pH 6.5, 20% w/v Polyethylene glycol monomethyl ether 5,000			
47.	0.1 M BIS-TRIS pH 6.5, 28% w/v Polyethylene glycol monomethyl ether 2,000			
48.	0.2 M Calcium chloride dihydrate, 0.1 M BIS-TRIS pH 5.5, 45% v/v (+/-)-2-Methyl-2,4-pentanediol			

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49.	0.2 M Calcium chloride dihydrate, 0.1 M BIS-TRIS pH 6.5, 45% v/v (+/-)-2-Methyl-2,4-pentanediol			
50.	0.2 M Ammonium acetate, 0.1 M BIS-TRIS pH 5.5, 45% v/v (+/-)-2-Methyl-2,4-pentanediol			
51.	0.2 M Ammonium acetate, 0.1 M BIS-TRIS pH 6.5, 45% v/v (+/-)-2-Methyl-2,4-pentanediol			
52.	0.2 M Ammonium acetate, 0.1 M HEPES pH 7.5, 45% v/v (+/-)-2-Methyl-2,4-pentanediol			
53.	0.2 M Ammonium acetate, 0.1 M Tris pH 8.5, 45% v/v (+/-)-2-Methyl-2,4-pentanediol			
54.	0.05 M Calcium chloride dihydrate, 0.1 M BIS-TRIS pH 6.5, 30% v/v Polyethylene glycol monomethyl ether 550			
55.	0.05 M Magnesium chloride hexahydrate, 0.1 M HEPES pH 7.5, 30% v/v Polyethylene glycol monomethyl ether 550			
56.	0.2 M Potassium chloride, 0.05 M HEPES pH 7.5, 35% v/v Pentaerythritol propoxylate (5/4 PO/OH)			
57.	0.05 M Ammonium sulfate, 0.05 M BIS-TRIS pH 6.5, 30% v/v Pentaerythritol ethoxylate (15/4 EO/OH)			
58.	0.1 M BIS-TRIS pH 6.5, 45% v/v Polypropylene glycol P 400			
59.	0.02 M Magnesium chloride hexahydrate, 0.1 M HEPES pH 7.5, 22% w/v Poly(acrylic acid sodium salt) 5,100			
60.	0.01 M Cobalt(II) chloride hexahydrate, 0.1 M Tris pH 8.5, 20% w/v Polyvinylpyrrolidone K 15			
61.	0.2 M L-Proline, 0.1 M HEPES pH 7.5, 10% w/v Polyethylene glycol 3,350			
62.	0.2 M Trimethylamine N-oxide dihydrate, 0.1 M Tris pH 8.5, 20% w/v Polyethylene glycol monomethyl ether 2,000			
63.	5% v/v Tacsimate™ pH 7.0, 0.1 M HEPES pH 7.0, 10% w/v Polyethylene glycol monomethyl ether 5,000			
64.	0.005 M Cobalt(II) chloride hexahydrate, 0.005 M Nickel(II) chloride hexahydrate, 0.005 M Cadmium chloride hydrate, 0.005 M Magnesium chloride hexahydrate, 0.1 M HEPES pH 7.5, 12% w/v Polyethylene glycol 3,350			
65.	0.1 M Ammonium acetate, 0.1 M BIS-TRIS pH 5.5, 17% w/v Polyethylene glycol 10,000			
66.	0.2 M Ammonium sulfate, 0.1 M BIS-TRIS pH 5.5, 25% w/v Polyethylene glycol 3,350			
67.	0.2 M Ammonium sulfate, 0.1 M BIS-TRIS pH 6.5, 25% w/v Polyethylene glycol 3,350			
68.	0.2 M Ammonium sulfate, 0.1 M HEPES pH 7.5, 25% w/v Polyethylene glycol 3,350			
69.	0.2 M Ammonium sulfate, 0.1 M Tris pH 8.5, 25% w/v Polyethylene glycol 3,350			
70.	0.2 M Sodium chloride, 0.1 M BIS-TRIS pH 5.5, 25% w/v Polyethylene glycol 3,350			
71.	0.2 M Sodium chloride, 0.1 M BIS-TRIS pH 6.5, 25% w/v Polyethylene glycol 3,350			
72.	0.2 M Sodium chloride, 0.1 M HEPES pH 7.5, 25% w/v Polyethylene glycol 3,350			
73.	0.2 M Sodium chloride, 0.1 M Tris pH 8.5, 25% w/v Polyethylene glycol 3,350			
74.	0.2 M Lithium sulfate monohydrate, 0.1 M BIS-TRIS pH 5.5, 25% w/v Polyethylene glycol 3,350			
75.	0.2 M Lithium sulfate monohydrate, 0.1 M BIS-TRIS pH 6.5, 25% w/v Polyethylene glycol 3,350			
76.	0.2 M Lithium sulfate monohydrate, 0.1 M HEPES pH 7.5, 25% w/v Polyethylene glycol 3,350			
77.	0.2 M Lithium sulfate monohydrate, 0.1 M Tris pH 8.5, 25% w/v Polyethylene glycol 3,350			
78.	0.2 M Ammonium acetate, 0.1 M BIS-TRIS pH 5.5, 25% w/v Polyethylene glycol 3,350			
79.	0.2 M Ammonium acetate, 0.1 M BIS-TRIS pH 6.5, 25% w/v Polyethylene glycol 3,350			
80.	0.2 M Ammonium acetate, 0.1 M HEPES pH 7.5, 25% w/v Polyethylene glycol 3,350			
81.	0.2 M Ammonium acetate, 0.1 M Tris pH 8.5, 25% w/v Polyethylene glycol 3,350			
82.	0.2 M Magnesium chloride hexahydrate, 0.1 M BIS-TRIS pH 5.5, 25% w/v Polyethylene glycol 3,350			
83.	0.2 M Magnesium chloride hexahydrate, 0.1 M BIS-TRIS pH 6.5, 25% w/v Polyethylene glycol 3,350			
84.	0.2 M Magnesium chloride hexahydrate, 0.1 M HEPES pH 7.5, 25% w/v Polyethylene glycol 3,350			
85.	0.2 M Magnesium chloride hexahydrate, 0.1 M Tris pH 8.5, 25% w/v Polyethylene glycol 3,350			
86.	0.2 M Potassium sodium tartrate tetrahydrate, 20% w/v Polyethylene glycol 3,350			
87.	0.2 M Sodium malonate pH 7.0, 20% w/v Polyethylene glycol 3,350			
88.	0.2 M Ammonium citrate tribasic pH 7.0, 20% w/v Polyethylene glycol 3,350			
89.	0.1 M Succinic acid pH 7.0, 15% w/v Polyethylene glycol 3,350			
90.	0.2 M Sodium formate, 20% w/v Polyethylene glycol 3,350			
91.	0.15 M DL-Malic acid pH 7.0, 20% w/v Polyethylene glycol 3,350			
92.	0.1 M Magnesium formate dihydrate, 15% w/v Polyethylene glycol 3,350			
93.	0.05 M Zinc acetate dihydrate, 20% w/v Polyethylene glycol 3,350			
94.	0.2 M Sodium citrate tribasic dihydrate, 20% w/v Polyethylene glycol 3,350			
95.	0.1 M Potassium thiocyanate, 30% w/v Polyethylene glycol monomethyl ether 2,000			
96.	0.15 M Potassium bromide, 30% w/v Polyethylene glycol monomethyl ether 2,000			