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

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)

SaltRx ™ - HR2-108 Scoring Sheet	Date:	Date:	Date:
1. 1.8 M Sodium acetate trihydrate pH 7.0, 0.1 M BIS-TRIS propane pH 7.0			
2. 2.8 M Sodium acetate trihydrate pH 7.0, 0.1 M BIS-TRIS propane pH 7.0			
3. 1.5 M Ammonium chloride, 0.1 M Sodium acetate trihydrate pH 4.6			
4. 1.5 M Ammonium chloride, 0.1 M BIS-TRIS propane pH 7.0			
5. 1.5 M Ammonium chloride, 0.1 M Tris pH 8.5			
6. 3.5 M Ammonium chloride, 0.1 M Sodium acetate trihydrate pH 4.6			
7. 3.5 M Ammonium chloride, 0.1 M BIS-TRIS propane pH 7.0			
8. 3.5 M Ammonium chloride, 0.1 M Tris pH 8.5			
9. 2.2 M Sodium chloride, 0.1 M Sodium acetate trihydrate pH 4.6			
10. 2.2 M Sodium chloride, 0.1 M BIS-TRIS propane pH 7.0			
11. 2.2 M Sodium chloride, 0.1 M Tris pH 8.5			
12. 3.2 M Sodium chloride, 0.1 M Sodium acetate trihydrate pH 4.6			
13. 3.2 M Sodium chloride, 0.1 M BIS-TRIS propane pH 7.0			
14. 3.2 M Sodium chloride, 0.1 M Tris pH 8.5			
15. 1.0 M Ammonium citrate dibasic, 0.1 M Sodium acetate trihydrate pH 4.6			
16. 1.8 M Ammonium citrate dibasic, 0.1 M Sodium acetate trihydrate pH 4.6			
17. 1.0 M Ammonium citrate tribasic pH 7.0, 0.1 M BIS-TRIS propane pH 7.0			
18. 2.0 M Ammonium citrate tribasic pH 7.0, 0.1 M BIS-TRIS propane pH 7.0			
19. 0.7 M Sodium citrate tribasic dihydrate, 0.1 M BIS-TRIS propane pH 7.0			
20. 0.7 M Sodium citrate tribasic dihydrate, 0.1 M Tris pH 8.5			
21. 1.2 M Sodium citrate tribasic dihydrate, 0.1 M BIS-TRIS propane pH 7.0			
22. 1.2 M Sodium citrate tribasic dihydrate, 0.1 M Tris pH 8.5			
23. 0.4 M Magnesium formate dihydrate, 0.1 M Sodium acetate trihydrate pH 4.6			
24. 0.4 M Magnesium formate dihydrate, 0.1 M BIS-TRIS propane pH 7.0			
25. 0.4 M Magnesium formate dihydrate, 0.1 M Tris pH 8.5			
26. 0.7 M Magnesium formate dihydrate, 0.1 M BIS-TRIS propane pH 7.0			
27. 2.0 M Sodium formate, 0.1 M Sodium acetate trihydrate pH 4.6			
28. 2.0 M Sodium formate, 0.1 M BIS-TRIS propane pH 7.0			
29. 2.0 M Sodium formate, 0.1 M Tris pH 8.5			
30. 3.5 M Sodium formate, 0.1 M Sodium acetate trihydrate pH 4.6			
31. 3.5 M Sodium formate, 0.1 M BIS-TRIS propane pH 7.0			
32. 3.5 M Sodium formate, 0.1 M Tris pH 8.5			
33. 1.2 M DL-Malic acid pH 7.0, 0.1 M BIS-TRIS propane pH 7.0			
34. 2.2 M DL-Malic acid pH 7.0, 0.1 M BIS-TRIS propane pH 7.0			
35. 1.4 M Sodium malonate pH 7.0, 0.1 M BIS-TRIS propane pH 7.0			
36. 2.4 M Sodium malonate pH 7.0, 0.1 M BIS-TRIS propane pH 7.0			
37. 2.5 M Ammonium nitrate, 0.1 M Sodium acetate trihydrate pH 4.6			
38. 2.5 M Ammonium nitrate, 0.1 M BIS-TRIS propane pH 7.0			
39. 2.5 M Ammonium nitrate, 0.1 M Tris pH 8.5			
40. 6.0 M Ammonium nitrate, 0.1 M Sodium acetate trihydrate pH 4.6			
41. 6.0 M Ammonium nitrate, 0.1 M BIS-TRIS propane pH 7.0			
42. 6.0 M Ammonium nitrate, 0.1 M Tris pH 8.5			
43. 1.5 M Sodium nitrate, 0.1 M Sodium acetate trihydrate pH 4.6			
44. 1.5 M Sodium nitrate, 0.1 M BIS-TRIS propane pH 7.0			
45. 1.5 M Sodium nitrate, 0.1 M Tris pH 8.5			
46. 4.0 M Sodium nitrate, 0.1 M Sodium acetate trihydrate pH 4.6			
47. 4.0 M Sodium nitrate, 0.1 M BIS-TRIS propane pH 7.0			
48. 4.0 M Sodium nitrate, 0.1 M Tris pH 8.5			

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Website: www.hamptonresearch.com

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

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)

SaltRx ™ - HR2-108 Scoring Sheet	Date:	Date:	Date:
49. 1.0 M Ammonium phosphate monobasic, 0.1 M Sodium acetate trihydrate pH 4.6			
50. 1.8 M Ammonium phosphate monobasic, 0.1 M Sodium acetate trihydrate pH 4.6			
51. 1.5 M Ammonium phosphate dibasic, 0.1 M Tris pH 8.5			
52. 2.4 M Ammonium phosphate dibasic, 0.1 M Tris pH 8.5			
53. 1.0 M Sodium phosphate monobasic monohydrate, Potassium phosphate dibasic / pH 5.0			
54. 1.0 M Sodium phosphate monobasic monohydrate, Potassium phosphate dibasic / pH 6.9			
55. 1.0 M Sodium phosphate monobasic monohydrate, Potassium phosphate dibasic / pH 8.2			
56. 1.8 M Sodium phosphate monobasic monohydrate, Potassium phosphate dibasic / pH 5.0			
57. 1.8 M Sodium phosphate monobasic monohydrate, Potassium phosphate dibasic / pH 6.9			
58. 1.8 M Sodium phosphate monobasic monohydrate, Potassium phosphate dibasic / pH 8.2			
59. 0.5 M Succinic acid pH 7.0, 0.1 M BIS-TRIS propane pH 7.0			
60. 1.0 M Succinic acid pH 7.0, 0.1 M BIS-TRIS propane pH 7.0			
61. 1.5 M Ammonium sulfate, 0.1 M Sodium acetate trihydrate pH 4.6			
62. 1.5 M Ammonium sulfate, 0.1 M BIS-TRIS propane pH 7.0			
63. 1.5 M Ammonium sulfate, 0.1 M Tris pH 8.5			
64. 2.5 M Ammonium sulfate, 0.1 M Sodium acetate trihydrate pH 4.6			
65. 2.5 M Ammonium sulfate, 0.1 M BIS-TRIS propane pH 7.0			
66. 2.5 M Ammonium sulfate, 0.1 M Tris pH 8.5			
67. 0.8 M Lithium sulfate monohydrate, 0.1 M Sodium acetate trihydrate pH 4.6			
68. 0.8 M Lithium sulfate monohydrate, 0.1 M BIS-TRIS propane pH 7.0			
69. 0.8 M Lithium sulfate monohydrate, 0.1 M Tris pH 8.5			
70. 1.5 M Lithium sulfate monohydrate, 0.1 M Sodium acetate trihydrate pH 4.6			
71. 1.5 M Lithium sulfate monohydrate, 0.1 M BIS-TRIS propane pH 7.0			
72. 1.5 M Lithium sulfate monohydrate, 0.1 M Tris pH 8.5			
73. 1.0 M Magnesium sulfate hydrate, 0.1 M Sodium acetate trihydrate pH 4.6			
74. 1.0 M Magnesium sulfate hydrate, 0.1 M BIS-TRIS propane pH 7.0			
75. 1.0 M Magnesium sulfate hydrate, 0.1 M Tris pH 8.5			
76. 1.8 M Magnesium sulfate hydrate, 0.1 M Sodium acetate trihydrate pH 4.6			
77. 1.8 M Magnesium sulfate hydrate, 0.1 M BIS-TRIS propane pH 7.0			
78. 1.8 M Magnesium sulfate hydrate, 0.1 M Tris pH 8.5			
79. 0.7 M Ammonium tartrate dibasic, 0.1 M Sodium acetate trihydrate pH 4.6			
80. 0.7 M Ammonium tartrate dibasic, 0.1 M BIS-TRIS propane pH 7.0			
81. 0.7 M Ammonium tartrate dibasic, 0.1 M Tris pH 8.5			
82. 1.0 M Ammonium tartrate dibasic, 0.1 M Sodium acetate trihydrate pH 4.6			
83. 1.3 M Ammonium tartrate dibasic, 0.1 M BIS-TRIS propane pH 7.0			
84. 1.4 M Ammonium tartrate dibasic, 0.1 M Tris pH 8.5			
85. 0.6 M Potassium sodium tartrate tetrahydrate, 0.1 M BIS-TRIS propane pH 7.0			
86. 1.2 M Potassium sodium tartrate tetrahydrate, 0.1 M BIS-TRIS propane pH 7.0			
87. 0.6 M Potassium sodium tartrate tetrahydrate, 0.1 M Tris pH 8.5			
88. 1.2 M Potassium sodium tartrate tetrahydrate, 0.1 M Tris pH 8.5			
89. 0.5 M Potassium thiocyanate, 0.1 M Sodium acetate trihydrate pH 4.6			
90. 0.5 M Potassium thiocyanate, 0.1 M BIS-TRIS propane pH 7.0			
91. 0.5 M Potassium thiocyanate, 0.1 M Tris pH 8.5			
92. 4.0 M Ammonium acetate, 0.1 M Sodium acetate trihydrate pH 4.6			
93. 4.0 M Ammonium acetate, 0.1 M BIS-TRIS propane pH 7.0			
94. 4.0 M Ammonium acetate, 0.1 M Tris pH 8.5			
95. 35% v/v Tacsimate pH 7.0, 0.1 M BIS-TRIS propane pH 7.0			
96. 60% v/v Tacsimate pH 7.0, 0.1 M BIS-TRIS propane pH 7.0			

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