

**Sample:** \_\_\_\_\_ **Sample Concentration:** \_\_\_\_\_  
**Sample Buffer:** \_\_\_\_\_ **Date:** \_\_\_\_\_  
**Reservoir Volume:** \_\_\_\_\_ **Temperature:** \_\_\_\_\_  
**Drop Volume: Total** \_\_\_\_\_  $\mu$ l **Sample** \_\_\_\_\_  $\mu$ l **Reservoir** \_\_\_\_\_  $\mu$ l **Additive** \_\_\_\_\_  $\mu$ 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)

## SaltRx HT™ - HR2-136 Scoring Sheet

Date:

Date:

Date:

1. (A1)	1.8 M Sodium acetate trihydrate pH 7.0, 0.1 M BIS-TRIS propane pH 7.0			
2. (A2)	2.8 M Sodium acetate trihydrate pH 7.0, 0.1 M BIS-TRIS propane pH 7.0			
3. (A3)	1.5 M Ammonium chloride, 0.1 M Sodium acetate trihydrate pH 4.6			
4. (A4)	1.5 M Ammonium chloride, 0.1 M BIS-TRIS propane pH 7.0			
5. (A5)	1.5 M Ammonium chloride, 0.1 M Tris pH 8.5			
6. (A6)	3.5 M Ammonium chloride, 0.1 M Sodium acetate trihydrate pH 4.6			
7. (A7)	3.5 M Ammonium chloride, 0.1 M BIS-TRIS propane pH 7.0			
8. (A8)	3.5 M Ammonium chloride, 0.1 M Tris pH 8.5			
9. (A9)	2.2 M Sodium chloride, 0.1 M Sodium acetate trihydrate pH 4.6			
10. (A10)	2.2 M Sodium chloride, 0.1 M BIS-TRIS propane pH 7.0			
11. (A11)	2.2 M Sodium chloride, 0.1 M Tris pH 8.5			
12. (A12)	3.2 M Sodium chloride, 0.1 M Sodium acetate trihydrate pH 4.6			
13. (B1)	3.2 M Sodium chloride, 0.1 M BIS-TRIS propane pH 7.0			
14. (B2)	3.2 M Sodium chloride, 0.1 M Tris pH 8.5			
15. (B3)	1.0 M Ammonium citrate dibasic, 0.1 M Sodium acetate trihydrate pH 4.6			
16. (B4)	1.8 M Ammonium citrate dibasic, 0.1 M Sodium acetate trihydrate pH 4.6			
17. (B5)	1.0 M Ammonium citrate tribasic pH 7.0, 0.1 M BIS-TRIS propane pH 7.0			
18. (B6)	2.0 M Ammonium citrate tribasic pH 7.0, 0.1 M BIS-TRIS propane pH 7.0			
19. (B7)	0.7 M Sodium citrate tribasic dihydrate, 0.1 M BIS-TRIS propane pH 7.0			
20. (B8)	0.7 M Sodium citrate tribasic dihydrate, 0.1 M Tris pH 8.5			
21. (B9)	1.2 M Sodium citrate tribasic dihydrate, 0.1 M BIS-TRIS propane pH 7.0			
22. (B10)	1.2 M Sodium citrate tribasic dihydrate, 0.1 M Tris pH 8.5			
23. (B11)	0.4 M Magnesium formate dihydrate, 0.1 M Sodium acetate trihydrate pH 4.6			
24. (B12)	0.4 M Magnesium formate dihydrate, 0.1 M BIS-TRIS propane pH 7.0			
25. (C1)	0.4 M Magnesium formate dihydrate, 0.1 M Tris pH 8.5			
26. (C2)	0.7 M Magnesium formate dihydrate, 0.1 M BIS-TRIS propane pH 7.0			
27. (C3)	2.0 M Sodium formate, 0.1 M Sodium acetate trihydrate pH 4.6			
28. (C4)	2.0 M Sodium formate, 0.1 M BIS-TRIS propane pH 7.0			
29. (C5)	2.0 M Sodium formate, 0.1 M Tris pH 8.5			
30. (C6)	3.5 M Sodium formate, 0.1 M Sodium acetate trihydrate pH 4.6			
31. (C7)	3.5 M Sodium formate, 0.1 M BIS-TRIS propane pH 7.0			
32. (C8)	3.5 M Sodium formate, 0.1 M Tris pH 8.5			
33. (C9)	1.2 M DL-Malic acid pH 7.0, 0.1 M BIS-TRIS propane pH 7.0			
34. (C10)	2.2 M DL-Malic acid pH 7.0, 0.1 M BIS-TRIS propane pH 7.0			
35. (C11)	1.4 M Sodium malonate pH 7.0, 0.1 M BIS-TRIS propane pH 7.0			
36. (C12)	2.4 M Sodium malonate pH 7.0, 0.1 M BIS-TRIS propane pH 7.0			
37. (D1)	2.5 M Ammonium nitrate, 0.1 M Sodium acetate trihydrate pH 4.6			
38. (D2)	2.5 M Ammonium nitrate, 0.1 M BIS-TRIS propane pH 7.0			
39. (D3)	2.5 M Ammonium nitrate, 0.1 M Tris pH 8.5			
40. (D4)	6.0 M Ammonium nitrate, 0.1 M Sodium acetate trihydrate pH 4.6			
41. (D5)	6.0 M Ammonium nitrate, 0.1 M BIS-TRIS propane pH 7.0			
42. (D6)	6.0 M Ammonium nitrate, 0.1 M Tris pH 8.5			
43. (D7)	1.5 M Sodium nitrate, 0.1 M Sodium acetate trihydrate pH 4.6			
44. (D8)	1.5 M Sodium nitrate, 0.1 M BIS-TRIS propane pH 7.0			
45. (D9)	1.5 M Sodium nitrate, 0.1 M Tris pH 8.5			
46. (D10)	4.0 M Sodium nitrate, 0.1 M Sodium acetate trihydrate pH 4.6			
47. (D11)	4.0 M Sodium nitrate, 0.1 M BIS-TRIS propane pH 7.0			
48. (D12)	4.0 M Sodium nitrate, 0.1 M Tris pH 8.5			

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

- |   |  |
|---|--|
| 1 Clear Drop                                | 5 Posettes or Spherulites              |
| 2 Phase Separation                          | 6 Needles (1D Growth)                  |
| 3 Regular Granular Precipitate              | 7 Plates (2D Growth)                   |
| 4 Birefringent Precipitate or Microcrystals | 8 Single Crystals (3D Growth < 0.2 mm) |
|   | 9 Single Crystals (3D Growth > 0.2 mm) |

SaltRx HT™ - HR2-136 Scoring Sheet		Date:	Date:	Date:
49. (E1)	1.0 M Ammonium phosphate monobasic, 0.1 M Sodium acetate trihydrate pH 4.6			
50. (E2)	1.8 M Ammonium phosphate monobasic, 0.1 M Sodium acetate trihydrate pH 4.6			
51. (E3)	1.5 M Ammonium phosphate dibasic, 0.1 M Tris pH 8.5			
52. (E4)	2.4 M Ammonium phosphate dibasic, 0.1 M Tris pH 8.5			
53. (E5)	1.0 M Sodium phosphate monobasic monohydrate, Potassium phosphate dibasic / pH 5.0			
54. (E6)	1.0 M Sodium phosphate monobasic monohydrate, Potassium phosphate dibasic / pH 6.9			
55. (E7)	1.0 M Sodium phosphate monobasic monohydrate, Potassium phosphate dibasic / pH 8.2			
56. (E8)	1.8 M Sodium phosphate monobasic monohydrate, Potassium phosphate dibasic / pH 5.0			
57. (E9)	1.8 M Sodium phosphate monobasic monohydrate, Potassium phosphate dibasic / pH 6.9			
58. (E10)	1.8 M Sodium phosphate monobasic monohydrate, Potassium phosphate dibasic / pH 8.2			
59. (E11)	0.5 M Succinic acid pH 7.0, 0.1 M BIS-TRIS propane pH 7.0			
60. (E12)	1.0 M Succinic acid pH 7.0, 0.1 M BIS-TRIS propane pH 7.0			
61. (F1)	1.5 M Ammonium sulfate, 0.1 M Sodium acetate trihydrate pH 4.6			
62. (F2)	1.5 M Ammonium sulfate, 0.1 M BIS-TRIS propane pH 7.0			
63. (F3)	1.5 M Ammonium sulfate, 0.1 M Tris pH 8.5			
64. (F4)	2.5 M Ammonium sulfate, 0.1 M Sodium acetate trihydrate pH 4.6			
65. (F5)	2.5 M Ammonium sulfate, 0.1 M BIS-TRIS propane pH 7.0			
66. (F6)	2.5 M Ammonium sulfate, 0.1 M Tris pH 8.5			
67. (F7)	0.8 M Lithium sulfate monohydrate, 0.1 M Sodium acetate trihydrate pH 4.6			
68. (F8)	0.8 M Lithium sulfate monohydrate, 0.1 M BIS-TRIS propane pH 7.0			
69. (F9)	0.8 M Lithium sulfate monohydrate, 0.1 M Tris pH 8.5			
70. (F10)	1.5 M Lithium sulfate monohydrate, 0.1 M Sodium acetate trihydrate pH 4.6			
71. (F11)	1.5 M Lithium sulfate monohydrate, 0.1 M BIS-TRIS propane pH 7.0			
72. (F12)	1.5 M Lithium sulfate monohydrate, 0.1 M Tris pH 8.5			
73. (G1)	1.0 M Magnesium sulfate hydrate, 0.1 M Sodium acetate trihydrate pH 4.6			
74. (G2)	1.0 M Magnesium sulfate hydrate, 0.1 M BIS-TRIS propane pH 7.0			
75. (G3)	1.0 M Magnesium sulfate hydrate, 0.1 M Tris pH 8.5			
76. (G4)	1.8 M Magnesium sulfate hydrate, 0.1 M Sodium acetate trihydrate pH 4.6			
77. (G5)	1.8 M Magnesium sulfate hydrate, 0.1 M BIS-TRIS propane pH 7.0			
78. (G6)	1.8 M Magnesium sulfate hydrate, 0.1 M Tris pH 8.5			
79. (G7)	0.7 M Ammonium tartrate dibasic, 0.1 M Sodium acetate trihydrate pH 4.6			
80. (G8)	0.7 M Ammonium tartrate dibasic, 0.1 M BIS-TRIS propane pH 7.0			
81. (G9)	0.7 M Ammonium tartrate dibasic, 0.1 M Tris pH 8.5			
82. (G10)	1.0 M Ammonium tartrate dibasic, 0.1 M Sodium acetate trihydrate pH 4.6			
83. (G11)	1.3 M Ammonium tartrate dibasic, 0.1 M BIS-TRIS propane pH 7.0			
84. (G12)	1.4 M Ammonium tartrate dibasic, 0.1 M Tris pH 8.5			
85. (H1)	0.6 M Potassium sodium tartrate tetrahydrate, 0.1 M BIS-TRIS propane pH 7.0			
86. (H2)	1.2 M Potassium sodium tartrate tetrahydrate, 0.1 M BIS-TRIS propane pH 7.0			
87. (H3)	0.6 M Potassium sodium tartrate tetrahydrate, 0.1 M Tris pH 8.5			
88. (H4)	1.2 M Potassium sodium tartrate tetrahydrate, 0.1 M Tris pH 8.5			
89. (H5)	0.5 M Potassium thiocyanate, 0.1 M Sodium acetate trihydrate pH 4.6			
90. (H6)	0.5 M Potassium thiocyanate, 0.1 M BIS-TRIS propane pH 7.0			
91. (H7)	0.5 M Potassium thiocyanate, 0.1 M Tris pH 8.5			
92. (H8)	4.0 M Ammonium acetate, 0.1 M Sodium acetate trihydrate pH 4.6			
93. (H9)	4.0 M Ammonium acetate, 0.1 M BIS-TRIS propane pH 7.0			
94. (H10)	4.0 M Ammonium acetate, 0.1 M Tris pH 8.5			
95. (H11)	35% v/v Tacsimate pH 7.0, 0.1 M BIS-TRIS propane pH 7.0			
96. (H12)	60% v/v Tacsimate pH 7.0, 0.1 M BIS-TRIS propane pH 7.0			

