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)

PEG/Ion Screen™ - HR2-126 Scoring Sheet	Date:	Date:	Date:	Date:
1. 0.2 M Sodium fluoride, 20% w/v Polyethylene glycol 3,350				
2. 0.2 M Potassium fluoride, 20% w/v Polyethylene glycol 3,350				
3. 0.2 M Ammonium fluoride, 20% w/v Polyethylene glycol 3,350				
4. 0.2 M Lithium chloride, 20% w/v Polyethylene glycol 3,350				
5. 0.2 M Magnesium chloride hexahydrate, 20% w/v Polyethylene glycol 3,350				
6. 0.2 M Sodium chloride, 20% w/v Polyethylene glycol 3,350				
7. 0.2 M Calcium chloride dihydrate, 20% w/v Polyethylene glycol 3,350				
8. 0.2 M Potassium chloride, 20% w/v Polyethylene glycol 3,350				
9. 0.2 M Ammonium chloride, 20% w/v Polyethylene glycol 3,350				
10. 0.2 M Sodium iodide, 20% w/v Polyethylene glycol 3,350				
11. 0.2 M Potassium iodide, 20% w/v Polyethylene glycol 3,350				
12. 0.2 M Ammonium iodide, 20% w/v Polyethylene glycol 3,350				
13. 0.2 M Sodium thiocyanate, 20% w/v Polyethylene glycol 3,350				
14. 0.2 M Potassium thiocyanate, 20% w/v Polyethylene glycol 3,350				
15. 0.2 M Lithium nitrate, 20% w/v Polyethylene glycol 3,350				
16. 0.2 M Magnesium nitrate hexahydrate, 20% w/v Polyethylene glycol 3,350				
17. 0.2 M Sodium nitrate, 20% w/v Polyethylene glycol 3,350				
18. 0.2 M Potassium nitrate, 20% w/v Polyethylene glycol 3,350				
19. 0.2 M Ammonium nitrate, 20% w/v Polyethylene glycol 3,350				
20. 0.2 M Magnesium formate dihydrate, 20% w/v Polyethylene glycol 3,350				
21. 0.2 M Sodium formate, 20% w/v Polyethylene glycol 3,350				
22. 0.2 M Potassium formate, 20% w/v Polyethylene glycol 3,350				
23. 0.2 M Ammonium formate, 20% w/v Polyethylene glycol 3,350				
24. 0.2 M Lithium acetate dihydrate, 20% w/v Polyethylene glycol 3,350				
25. 0.2 M Magnesium acetate tetrahydrate, 20% w/v Polyethylene glycol 3,350				
26. 0.2 M Zinc acetate dihydrate, 20% w/v Polyethylene glycol 3,350				
27. 0.2 M Sodium acetate trihydrate, 20% w/v Polyethylene glycol 3,350				
28. 0.2 M Calcium acetate hydrate, 20% w/v Polyethylene glycol 3,350				
29. 0.2 M Potassium acetate, 20% w/v Polyethylene glycol 3,350				
30. 0.2 M Ammonium acetate, 20% w/v Polyethylene glycol 3,350				
31. 0.2 M Lithium sulfate monohydrate, 20% w/v Polyethylene glycol 3,350				
32. 0.2 M Magnesium sulfate heptahydrate, 20% w/v Polyethylene glycol 3,350				
33. 0.2 M Sodium sulfate decahydrate, 20% w/v Polyethylene glycol 3,350				
34. 0.2 M Potassium sulfate, 20% w/v Polyethylene glycol 3,350				
35. 0.2 M Ammonium sulfate, 20% w/v Polyethylene glycol 3,350				
36. 0.2 M Sodium tartrate dibasic dihydrate, 20% w/v Polyethylene glycol 3,350				
37. 0.2 M Potassium sodium tartrate tetrahydrate, 20% w/v Polyethylene glycol 3,350				
38. 0.2 M Ammonium tartrate dibasic, 20% w/v Polyethylene glycol 3,350				
39. 0.2 M Sodium phosphate monobasic monohydrate, 20% w/v Polyethylene glycol 3,350				
40. 0.2 M Sodium phosphate dibasic dihydrate, 20% w/v Polyethylene glycol 3,350				
41. 0.2 M Potassium phosphate monobasic, 20% w/v Polyethylene glycol 3,350				
42. 0.2 M Potassium phosphate dibasic, 20% w/v Polyethylene glycol 3,350				
43. 0.2 M Ammonium phosphate monobasic, 20% w/v Polyethylene glycol 3,350				
44. 0.2 M Ammonium phosphate dibasic, 20% w/v Polyethylene glycol 3,350				
45. 0.2 M Lithium citrate tribasic tetrahydrate, 20% w/v Polyethylene glycol 3,350				
46. 0.2 M Sodium citrate tribasic dihydrate, 20% w/v Polyethylene glycol 3,350				
47. 0.2 M Potassium citrate tribasic monohydrate, 20% w/v Polyethylene glycol 3,350				
48. 0.2 M Ammonium citrate dibasic, 20% w/v Polyethylene glycol 3,350				

HAMPTON RESEARCH
Solutions for Crystal Growth

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