

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

PEG/Ion - Scoring Sheet

	Date:	Date:	Date:	Date:	Date:
1. 0.2 M Sodium Fluoride, 20% PEG 3350					
2. 0.2 M Potassium Fluoride, 20% PEG 3350					
3. 0.2 M Ammonium Fluoride, 20% PEG 3350					
4. 0.2 M Lithium Chloride, 20% PEG 3350					
5. 0.2 M Magnesium Chloride, 20% PEG 3350					
6. 0.2 M Sodium Chloride, 20% PEG 3350					
7. 0.2 M Calcium Chloride, 20% PEG 3350					
8. 0.2 M Potassium Chloride, 20% PEG 3350					
9. 0.2 M Ammonium Chloride, 20% PEG 3350					
10. 0.2 M Sodium Iodide, 20% PEG 3350					
11. 0.2 M Potassium Iodide, 20% PEG 3350					
12. 0.2 M Ammonium Iodide, 20% PEG 3350					
13. 0.2 M Sodium Thiocyanate, 20% PEG 3350					
14. 0.2 M Potassium Thiocyanate, 20% PEG 3350					
15. 0.2 M Lithium Nitrate, 20% PEG 3350					
16. 0.2 M Magnesium Nitrate, 20% PEG 3350					
17. 0.2 M Sodium Nitrate, 20% PEG 3350					
18. 0.2 M Potassium Nitrate, 20% PEG 3350					
19. 0.2 M Ammonium Nitrate, 20% PEG 3350					
20. 0.2 M Magnesium Formate, 20% PEG 3350					
21. 0.2 M Sodium Formate, 20% PEG 3350					
22. 0.2 M Potassium Formate, 20% PEG 3350					
23. 0.2 M Ammonium Formate, 20% PEG 3350					
24. 0.2 M Lithium Acetate, 20% PEG 3350					
25. 0.2 M Magnesium Acetate, 20% PEG 3350					
26. 0.2 M Zinc Acetate, 20% PEG 3350					
27. 0.2 M Sodium Acetate, 20% PEG 3350					
28. 0.2 M Calcium Acetate, 20% PEG 3350					
29. 0.2 M Potassium Acetate, 20% PEG 3350					
30. 0.2 M Ammonium Acetate, 20% PEG 3350					
31. 0.2 M Lithium Sulfate, 20% PEG 3350					
32. 0.2 M Magnesium Sulfate, 20% PEG 3350					
33. 0.2 M Sodium Sulfate, 20% PEG 3350					
34. 0.2 M Potassium Sulfate, 20% PEG 3350					
35. 0.2 M Ammonium Sulfate, 20% PEG 3350					
36. 0.2 M di-Sodium Tartrate, 20% PEG 3350					
37. 0.2 M Potassium Sodium Tartrate, 20% PEG 3350					
38. 0.2 M di-Ammonium Tartrate, 20% PEG 3350					
39. 0.2 M Sodium dihydrogen Phosphate, 20% PEG 3350					
40. 0.2 M di-Sodium hydrogen Phosphate, 20% PEG 3350					
41. 0.2 M Potassium dihydrogen Phosphate, 20% PEG 3350					
42. 0.2 M di-Potassium hydrogen Phosphate, 20% PEG 3350					
43. 0.2 M Ammonium dihydrogen Phosphate, 20% PEG 3350					
44. 0.2 M di-Ammonium hydrogen Phosphate, 20% PEG 3350					
45. 0.2 M tri-Lithium Citrate, 20% PEG 3350					
46. 0.2 M tri-Sodium Citrate, 20% PEG 3350					
47. 0.2 M tri-Potassium Citrate, 20% PEG 3350					
48. 0.2 M di-Ammonium hydrogen Citrate, 20% PEG 3350					

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