

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)

Ionic Liquid Screen - HR2-214 Scoring Sheet	Date:	Date:	Date:	Date:
1. 50% w/v Tetraethylammonium bromide				
2. 50% w/v Benzyltriethylammonium chloride				
3. 50% w/v 2-Hydroxyethylammonium formate				
4. 50% w/v Ethylammonium nitrate				
5. 50% w/v Cholin acetate				
6. 50% w/v Choline dihydrogen phosphate				
7. 50% w/v 1-Ethyl-3-methylimidazolium acetate				
8. 50% w/v 1-Butyl-3-methylimidazolium chloride				
9. 50% w/v 1-Ethyl-3-methylimidazolium chloride				
10. 50% w/v 1-Hexyl-3-methylimidazolium chloride				
11. 50% w/v 1-Butyl-3-methylimidazolium dicyanamide				
12. 50% w/v 1,3-Dimethylimidazolium dimethyl phosphate				
13. 50% w/v 1,3-Dimethylimidazolium methyl sulfate				
14. 50% w/v 1-Butyl-3-methylimidazolium methyl sulfate				
15. 50% w/v 1-n-Butyl-3-methylimidazolium n-octylsulfate				
16. 50% w/v 1-Ethyl-3-methylimidazolium ethyl sulfate				
17. 50% w/v 1-Ethyl-3-methylimidazolium tetrafluoroborate				
18. 50% w/v 1-Butyl-2,3-dimethylimidazolium tetrafluoroborate				
19. 50% w/v 1-Butyl-3-methylimidazolium tetrafluoroborate				
20. 50% w/v 1-Butyl-3-methylimidazolium trifluoroacetate				
21. 50% w/v 1-Ethyl-3-methylimidazolium trifluoromethanesulfonate				
22. 50% w/v Tetrabutylphosphonium bromide				
23. 50% w/v Triisobutylmethylphosphonium tosylate				
24. 50% w/v 1-Butylpyridinium chloride				



Solutions for Crystal Growth