

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 < 0.2mm)
- 9 Single Crystals (3D Growth > 0.2mm)

Grid Screen MPD - Scoring Sheet

	Date:	Date:	Date:	Date:	Date:
A1. 0.1 M Citric Acid pH 4.0, 10% MPD					
A2. 0.1 M Sodium Acetate pH 5.0, 10% MPD					
A3. 0.1 M MES pH 6.0, 10% MPD					
A4. 0.1 M HEPES pH 7.0, 10% MPD					
A5. 0.1 M Tris pH 8.0, 10% MPD					
A6. 0.1 M Bicine pH 9.0, 10% MPD					
B1. 0.1 M Citric Acid pH 4.0, 20% MPD					
B2. 0.1 M Sodium Acetate pH 5.0, 20% MPD					
B3. 0.1 M MES pH 6.0, 20% MPD					
B4. 0.1 M HEPES pH 7.0, 20% MPD					
B5. 0.1 M Tris pH 8.0, 20% MPD					
B6. 0.1 M Bicine pH 9.0, 20% MPD					
C1. 0.1 M Citric Acid pH 4.0, 40% MPD					
C2. 0.1 M Sodium Acetate pH 5.0, 40% MPD					
C3. 0.1 M MES pH 6.0, 40% MPD					
C4. 0.1 M HEPES pH 7.0, 40% MPD					
C5. 0.1 M Tris pH 8.0, 40% MPD					
C6. 0.1 M Bicine pH 9.0, 40% MPD					
D1. 0.1 M Citric Acid pH 4.0, 65% MPD					
D2. 0.1 M Sodium Acetate pH 5.0, 65% MPD					
D3. 0.1 M MES pH 6.0, 65% MPD					
D4. 0.1 M HEPES pH 7.0, 65% MPD					
D5. 0.1 M Tris pH 8.0, 65% MPD					
D6. 0.1 M Bicine pH 9.0, 65% MPD					



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