

Additive Screen (HR2-428) - Scoring Sheet

Sample:		1 Clear Drop		6 Needles 1T
Buffer:		2 Phase Separation		7 Plates 2D
Reservoir Volume:		3 Regular Granular Precipitate		8 Xtal <0.2 n
Drop:		4 Birefringent Precipitate		9 Xtal >0.2 n
Temperature:		5 Spherulites		
Drop:				
Temperature:		Date	Date	Date
1. (A1) 0.1 M Barium chloride dihydrate	Multivalent			
2. (A2) 0.1 M Cadmium chloride hydrate	Multivalent			
3. (A3) 0.1 M Calcium chloride dihydrate	Multivalent			
4. (A4) 0.1 M Cobalt(II) chloride hexahydrate	Multivalent			
5. (A5) 0.1 M Copper(II) chloride dihydrate	Multivalent			
6. (A6) 0.1 M Magnesium chloride hexahydrate	Multivalent			
7. (A7) 0.1 M Manganese(II) chloride tetrahydrate	Multivalent			
8. (A8) 0.1 M Strontium chloride hexahydrate	Multivalent			
9. (A9) 0.1 M Yttrium(III) chloride hexahydrate	Multivalent			
10. (A10) 0.1 M Zinc chloride	Multivalent			
11. (A11) 0.1 M Iron(III) chloride hexahydrate	Multivalent			
12. (A12) 0.1 M Nickel(II) chloride hexahydrate	Multivalent			
13. (B1) 0.1 M Chromium(III) chloride hexahydrate	Multivalent			
14. (B2) 0.1 M Praseodymium(III) acetate hydrate	Multivalent			
15. (B3) 1.0 M Ammonium sulfate	Salt			
16. (B4) 1.0 M Potassium chloride	Salt			
17. (B5) 1.0 M Lithium chloride	Salt			
18. (B6) 2.0 M Sodium chloride	Salt			
19. (B7) 0.5 M Sodium fluoride	Salt			
20. (B8) 1.0 M Sodium iodide	Salt			
21. (B9) 2.0 M Sodium thiocyanate	Salt			
22. (B10) 1.0 M Potassium sodium tartrate tetrahydrate	Salt			
23. (B11) 1.0 M Sodium citrate tribasic dihydrate	Salt			
24. (B12) 1.0 M Cesium chloride	Salt			

25. (C1) 1.0 M Sodium malonate pH 7.0	Salt			
26. (C2) 0.1 M L-Proline	Amino Acid			
27. (C3) 0.1 M Phenol	Dissociating Agent			
28. (C4) 30% v/v Dimethyl sulfoxide	Dissociating Agent			
29. (C5) 0.1 M Sodium bromide	Dissociating Agent			
30. (C6) 30% w/v 6-Aminohexanoic acid	Linker			
31. (C7) 30% w/v 1,5-Diaminopentane dihydrochloride	Linker			
32. (C8) 30% w/v 1,6-Diaminohexane	Linker			
33. (C9) 30% w/v 1,8-Diaminooctane	Linker			
34. (C10) 1.0 M Glycine	Linker			
35. (C11) 0.3 M Glycyl-glycyl-glycine	Linker			
36. (C12) 0.1 M Taurine	Linker			
37. (D1) 0.1 M Betaine hydrochloride	Linker			
38. (D2) 0.1 M Spermidine	Polyamine			
39. (D3) 0.1 M Spermine tetrahydrochloride	Polyamine			
40. (D4) 0.1 M Hexamine cobalt(III) chloride	Polyamine			
41. (D5) 0.1 M Sarcosine	Polyamine			
42. (D6) 0.1 M Trimethylamine hydrochloride	Chaotrope			
43. (D7) 1.0 M Guanidine hydrochloride	Chaotrope			
44. (D8) 0.1 M Urea	Chaotrope			
45. (D9) 0.1 M β -Nicotinamide adenine dinucleotide hydrate	Co-factor			
46. (D10) 0.1 M Adenosine-5'-triphosphate disodium salt hydrate	Co-factor			
47. (D11) 0.1 M TCEP hydrochloride	Reducing Agent			
48. (D12) 0.01 M GSH (L-Glutathione reduced), 0.01 M GSSG (L-Glutathione oxidized)	Reducing Agent			
49. (E1) 0.1 M Ethylenediaminetetraacetic acid disodium salt dihydrate	Chelating Agent			
50. (E2) 5% w/v Polyvinylpyrrolidone K15	Polymer			
51. (E3) 30% w/v Dextran sulfate sodium salt	Polymer			
52. (E4) 40% v/v Pentaerythritol ethoxylate (3/4 EO/OH)	Polymer			
53. (E5) 10% w/v Polyethylene glycol 3,350	Polymer			
54. (E6) 30% w/v D-(+)-Glucose monohydrate	Carbohydrate			
55. (E7) 30% w/v Sucrose	Carbohydrate			
56. (E8) 30% w/v Xylitol	Carbohydrate			
57. (E9) 30% w/v D-Sorbitol	Carbohydrate			
58. (E10) 12% w/v myo-Inositol	Carbohydrate			

59. (E11) 30% w/v D-(+)-Trehalose dihydrate	Carbohydrate			
60. (E12) 30% w/v D-(+)-Galactose	Carbohydrate			
61. (F1) 30% v/v Ethylene glycol	Polyol			
62. (F2) 30% v/v Glycerol	Polyol			
63. (F3) 3.0 M NDSB-195	Non-detergent			
64. (F4) 2.0 M NDSB-201	Non-detergent			
65. (F5) 2.0 M NDSB-211	Non-detergent			
66. (F6) 2.0 M NDSB-221	Non-detergent			
67. (F7) 1.0 M NDSB-256	Non-detergent			
68. (F8) 0.15 mM CYMAL®-7	Amphiphile			
69. (F9) 20% w/v Benamidine hydrochloride	Amphiphile			
70. (F10) 5% w/v n-Dodecyl-N,N-dimethylamine-N-oxide	Detergent			
71. (F11) 5% w/v n-Octyl-β-D-glucoside	Detergent			
72. (F12) 5% w/v n-Dodecyl-β-D-maltoside	Osmolyte			
73. (G1) 30% w/v Trimethylamine N-oxide dihydrate	Organic, Non-volatile			
74. (G2) 30% w/v 1,6-Hexanediol	Organic, Non-volatile			
75. (G3) 30% v/v (+/-)-2-Methyl-2,4-pentanediol	Organic, Non-volatile			
76. (G4) 50% v/v Polyethylene glycol 400	Organic, Non-volatile			
77. (G5) 50% v/v Jeffamine M-600 pH 7.0	Organic, Non-volatile			
78. (G6) 40% v/v 2,5-Hexanediol	Organic, Non-volatile			
79. (G7) 40% v/v (±)-1,3-Butanediol	Organic, Non-volatile			
80. (G8) 40% v/v Polypropylene glycol P 400	Organic, Non-volatile			
81. (G9) 30% v/v 1,4-Dioxane	Organic, Volatile			
82. (G10) 30% v/v Ethanol	Organic, Volatile			
83. (G11) 30% v/v 2-Propanol	Organic, Volatile			
84. (G12) 30% v/v Methanol	Organic, Volatile			
85. (H1) 10% v/v 1,2-Butanediol	Organic, Volatile			
86. (H2) 40% v/v tert-Butanol	Organic, Volatile			
87. (H3) 40% v/v 1,3-Propanediol	Organic, Volatile			
88. (H4) 40% v/v Acetonitrile	Organic, Volatile			
89. (H5) 40% v/v Formamide	Organic, Volatile			
90. (H6) 40% v/v 1-Propanol	Organic, Volatile			
91. (H7) 5% v/v Ethyl acetate	Organic, Volatile			
92. (H8) 40% v/v Acetone	Organic, Volatile			

93. (H9) 0.25% v/v Dichloromethane	Organic, Volatile			
94. (H10) 7% v/v 1-Butanol	Organic, Volatile			
95. (H11) 40% v/v 2,2,2-Trifluoroethanol	Organic, Volatile			
96. (H12) 40% v/v 1,1,1,3,3,3-Hexafluoro-2-propanol	Organic, Volatile			

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