

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)

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				



Solutions for Crystal Growth

34 Journey
 Also: Viejo, CA 92656-3317 U.S.A.
 Tel: (949) 425-1321 • Fax: (949) 425-1611
 e-mail: tech@hampontech.com
 Website: www.hampontech.com

© 1991 - 2016 Hampton Research Corp. all rights reserved
 Printed in the United States of America. This guide or parts thereof may not
 be reproduced in any form without the written permission of the publishers.