Scores 1/1

Screen: Mn_KCl - NCP Standard Screen
Temperature: RT Setup Date: 13.02.2006
Remarks: Screen solution was mix with sample (7+7), then spin, then put to the well with 12ul of silicon oil DC200

Nr	Description	Color Code
0	Clear Drop	
1	Heavy Precipitate	
2	Phase Separation	
3	Mixed Precipitate	
4	Regular Granular Precipitate	
5	Birefringent Precipitate or Microcrystals	
6	Ugly Small Crystals	
7	Ugly Big Crystals	
8	Small crystals (<100 um)	
9	Single Crystals (> 100 um)	

Well	Description	2006.02.13	2006.02.20	TestObs
A1	Reservoir: 0.01 M K-Caco pH 6.0, 0.03 M MnCl2, 0.03 M KCl Drop0: 7.00 ul 6.20 mg/ml alpha 8s 01.02.2006 (H2BS11E octamer), 7.00 ul screen solution	0	0	
A2	Reservoir: 0.01 M K-Caco pH 6.0, 0.04 M MnCl2, 0.03 M KCl Drop0: 7.00 ul 6.20 mg/ml alpha 8s 01.02.2006, 7.00 ul screen solution	3	0	
A3	Reservoir: 0.01 M K-Caco pH 6.0, 0.04 M MnCl2, 0.03 M KCl Drop0: 7.00 ul 6.20 mg/ml alpha 8s 01.02.2006, 7.00 ul screen solution	4	0	
A4	Reservoir: 0.01 M K-Caco pH 6.0, 0.04 M MnCl2, 0.03 M KCl Drop0: 7.00 ul 6.20 mg/ml alpha 8s 01.02.2006, 7.00 ul screen solution	5	9	
A5	Reservoir: 0.01 M K-Caco pH 6.0, 0.04 M MnCl2, 0.03 M KCl Drop0: 7.00 ul 6.20 mg/ml alpha 8s 01.02.2006, 7.00 ul screen solution	6	0	
A6	Reservoir: Drop0:	8		
B1	Reservoir: 0.01 M K-Caco pH 6.0, 0.03 M MnCl2, 0.03 M KCl Drop0: 7.00 ul 6.20 mg/ml alpha 8s 01.02.2006, 7.00 ul screen solution	0	0	
B2	Reservoir: 0.01 M K-Caco pH 6.0, 0.04 M MnCl2, 0.03 M KCl Drop0: 7.00 ul 6.20 mg/ml alpha 8s 01.02.2006, 7.00 ul screen solution	0	8	
B3	Reservoir: 0.01 M K-Caco pH 6.0, 0.04 M MnCl2, 0.03 M KCl Drop0: 7.00 ul 6.20 mg/ml alpha 8s 01.02.2006, 7.00 ul screen solution	0	0	
B4	Reservoir: 0.01 M K-Caco pH 6.0, 0.04 M MnCl2, 0.03 M KCl Drop0: 7.00 ul 6.20 mg/ml alpha 8s 01.02.2006, 7.00 ul screen solution	0	9	
B5	Reservoir: 0.01 M K-Caco pH 6.0, 0.04 M MnCl2, 0.03 M KCl Drop0: 7.00 ul 6.20 mg/ml alpha 8s 01.02.2006, 7.00 ul screen solution	0	0	
B6	Reservoir: Drop0:			
C1	Reservoir: Drop0:			
C2	Reservoir: Drop0:			
C3	Reservoir: Drop0:			
C4	Reservoir: Drop0:			
C5	Reservoir: Drop0:			
C6	Reservoir: Drop0:			
D1	Reservoir: Drop0:			
D2	Reservoir: Drop0:			
D3	Reservoir: Drop0:			
D4	Reservoir: Drop0:			
D5	Reservoir: Drop0:			
D6	Reservoir: Drop0:			

Scoring Sheet

Screen: Mn_KCl - NCP Standard Screen
Temperature: RT Setup Date: 13.02.2006
Remarks: Screen solution was mix with sample (7+7), then spin, then put to the well with 12ul of silicon oil DC200

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7	Ugly Big Crystals	
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9	Single Crystals (> 100 um)	

Well	Description						
A1	Reservoir: 0.01 M K-Caco pH 6.0, 0.03 M MnCl2, 0.03 M KCl Drop0: 7.00 ul 6.20 mg/ml alpha 8s 01.02.2006 (H2BS11E octamer), 7.00 ul screen solution						
A2	Reservoir: 0.01 M K-Caco pH 6.0, 0.04 M MnCl2, 0.03 M KCl Drop0: 7.00 ul 6.20 mg/ml alpha 8s 01.02.2006, 7.00 ul screen solution						
A3	Reservoir: 0.01 M K-Caco pH 6.0, 0.04 M MnCl2, 0.03 M KCl Drop0: 7.00 ul 6.20 mg/ml alpha 8s 01.02.2006, 7.00 ul screen solution						
A4	Reservoir: 0.01 M K-Caco pH 6.0, 0.04 M MnCl2, 0.03 M KCl Drop0: 7.00 ul 6.20 mg/ml alpha 8s 01.02.2006, 7.00 ul screen solution						
A5	Reservoir: 0.01 M K-Caco pH 6.0, 0.04 M MnCl2, 0.03 M KCl Drop0: 7.00 ul 6.20 mg/ml alpha 8s 01.02.2006, 7.00 ul screen solution						
A6	Reservoir: Drop0:						
B1	Reservoir: 0.01 M K-Caco pH 6.0, 0.03 M MnCl2, 0.03 M KCl Drop0: 7.00 ul 6.20 mg/ml alpha 8s 01.02.2006, 7.00 ul screen solution						
B2	Reservoir: 0.01 M K-Caco pH 6.0, 0.04 M MnCl2, 0.03 M KCl Drop0: 7.00 ul 6.20 mg/ml alpha 8s 01.02.2006, 7.00 ul screen solution						
B3	Reservoir: 0.01 M K-Caco pH 6.0, 0.04 M MnCl2, 0.03 M KCl Drop0: 7.00 ul 6.20 mg/ml alpha 8s 01.02.2006, 7.00 ul screen solution						
B4	Reservoir: 0.01 M K-Caco pH 6.0, 0.04 M MnCl2, 0.03 M KCl Drop0: 7.00 ul 6.20 mg/ml alpha 8s 01.02.2006, 7.00 ul screen solution						
B5	Reservoir: 0.01 M K-Caco pH 6.0, 0.04 M MnCl2, 0.03 M KCl Drop0: 7.00 ul 6.20 mg/ml alpha 8s 01.02.2006, 7.00 ul screen solution						
B6	Reservoir: Drop0:						
C1	Reservoir: Drop0:						
C2	Reservoir: Drop0:						
C3	Reservoir: Drop0:						
C4	Reservoir: Drop0:						
C5	Reservoir: Drop0:						
C6	Reservoir: Drop0:						
D1	Reservoir: Drop0:						
D2	Reservoir: Drop0:						
D3	Reservoir: Drop0:						
D4	Reservoir: Drop0:						
D5	Reservoir: Drop0:						
D6	Reservoir: Drop0:						

Score Graphics

Screen: Mn_KCl - NCP Standard Screen
Temperature: RT Setup Date: 13.02.2006
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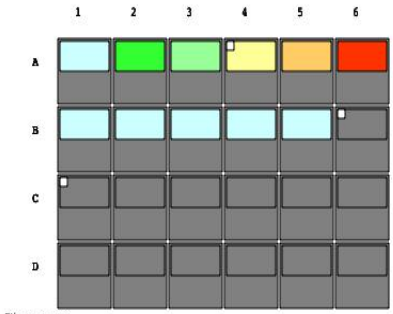
8	Small crystals (<100 um)	
9	Single Crystals (> 100 um)	



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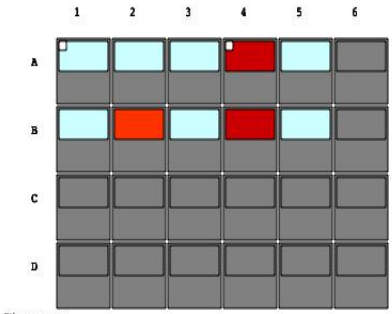
Observation: 2006.02.13



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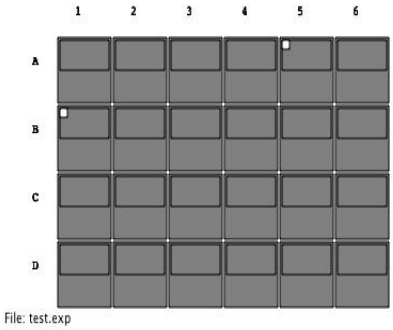
Observation: 2006.02.20



File: test.exp
Observation: TestObs

Screen Solutions for Mn_KCl - NCP Standard Screen
Screen

	1	2	3	4	5	6
A	0.04 M K-Caco pH 6.0 0.13 M MnCl2 0.10 M KCl	0.04 M K-Caco pH 6.0 0.14 M MnCl2 0.10 M KCl	0.04 M K-Caco pH 6.0 0.15 M MnCl2 0.10 M KCl	0.04 M K-Caco pH 6.0 0.16 M MnCl2 0.10 M KCl	0.04 M K-Caco pH 6.0 0.17 M MnCl2 0.10 M KCl	0.04 M K-Caco pH 6.0 0.18 M MnCl2 0.10 M KCl
B	0.04 M K-Caco pH 6.0 0.13 M MnCl2 0.12 M KCl	0.04 M K-Caco pH 6.0 0.14 M MnCl2 0.12 M KCl	0.04 M K-Caco pH 6.0 0.15 M MnCl2 0.12 M KCl	0.04 M K-Caco pH 6.0 0.16 M MnCl2 0.12 M KCl	0.04 M K-Caco pH 6.0 0.17 M MnCl2 0.12 M KCl	0.04 M K-Caco pH 6.0 0.18 M MnCl2 0.12 M KCl
C	0.04 M K-Caco pH 6.0 0.13 M MnCl2 0.14 M KCl	0.04 M K-Caco pH 6.0 0.14 M MnCl2 0.14 M KCl	0.04 M K-Caco pH 6.0 0.15 M MnCl2 0.14 M KCl	0.04 M K-Caco pH 6.0 0.16 M MnCl2 0.14 M KCl	0.04 M K-Caco pH 6.0 0.17 M MnCl2 0.14 M KCl	0.04 M K-Caco pH 6.0 0.18 M MnCl2 0.14 M KCl
D	0.04 M K-Caco pH 6.0 0.13 M MnCl2 0.16 M KCl	0.04 M K-Caco pH 6.0 0.14 M MnCl2 0.16 M KCl	0.04 M K-Caco pH 6.0 0.15 M MnCl2 0.16 M KCl	0.04 M K-Caco pH 6.0 0.16 M MnCl2 0.16 M KCl	0.04 M K-Caco pH 6.0 0.17 M MnCl2 0.16 M KCl	0.04 M K-Caco pH 6.0 0.18 M MnCl2 0.16 M KCl

Screen Solutions for Mn_KCl - NCP Standard Screen Screen

Well	Solutions	Well	Solutions
A1	0.40 ml 1.00 M K-Caco pH 6.0 1.30 ml 1.00 M MnCl2 1.00 ml 1.00 M KCl 7.30 ml Water	A2	0.40 ml 1.00 M K-Caco pH 6.0 1.40 ml 1.00 M MnCl2 1.00 ml 1.00 M KCl 7.20 ml Water
A3	0.40 ml 1.00 M K-Caco pH 6.0 1.50 ml 1.00 M MnCl2 1.00 ml 1.00 M KCl 7.10 ml Water	A4	0.40 ml 1.00 M K-Caco pH 6.0 1.60 ml 1.00 M MnCl2 1.00 ml 1.00 M KCl 7.00 ml Water
A5	0.40 ml 1.00 M K-Caco pH 6.0 1.70 ml 1.00 M MnCl2 1.00 ml 1.00 M KCl 6.90 ml Water	A6	0.40 ml 1.00 M K-Caco pH 6.0 1.80 ml 1.00 M MnCl2 1.00 ml 1.00 M KCl 6.80 ml Water
B1	0.40 ml 1.00 M K-Caco pH 6.0 1.30 ml 1.00 M MnCl2 1.20 ml 1.00 M KCl 7.10 ml Water	B2	0.40 ml 1.00 M K-Caco pH 6.0 1.40 ml 1.00 M MnCl2 1.20 ml 1.00 M KCl 7.00 ml Water
B3	0.40 ml 1.00 M K-Caco pH 6.0 1.50 ml 1.00 M MnCl2 1.20 ml 1.00 M KCl 6.90 ml Water	B4	0.40 ml 1.00 M K-Caco pH 6.0 1.60 ml 1.00 M MnCl2 1.20 ml 1.00 M KCl 6.80 ml Water
B5	0.40 ml 1.00 M K-Caco pH 6.0 1.70 ml 1.00 M MnCl2 1.20 ml 1.00 M KCl 6.70 ml Water	B6	0.40 ml 1.00 M K-Caco pH 6.0 1.80 ml 1.00 M MnCl2 1.20 ml 1.00 M KCl 6.60 ml Water
C1	0.40 ml 1.00 M K-Caco pH 6.0 1.30 ml 1.00 M MnCl2 1.40 ml 1.00 M KCl 6.90 ml Water	C2	0.40 ml 1.00 M K-Caco pH 6.0 1.40 ml 1.00 M MnCl2 1.40 ml 1.00 M KCl 6.80 ml Water
C3	0.40 ml 1.00 M K-Caco pH 6.0 1.50 ml 1.00 M MnCl2 1.40 ml 1.00 M KCl 6.70 ml Water	C4	0.40 ml 1.00 M K-Caco pH 6.0 1.60 ml 1.00 M MnCl2 1.40 ml 1.00 M KCl 6.60 ml Water
C5	0.40 ml 1.00 M K-Caco pH 6.0 1.70 ml 1.00 M MnCl2 1.40 ml 1.00 M KCl 6.50 ml Water	C6	0.40 ml 1.00 M K-Caco pH 6.0 1.80 ml 1.00 M MnCl2 1.40 ml 1.00 M KCl 6.40 ml Water
D1	0.40 ml 1.00 M K-Caco pH 6.0 1.30 ml 1.00 M MnCl2 1.60 ml 1.00 M KCl 6.70 ml Water	D2	0.40 ml 1.00 M K-Caco pH 6.0 1.40 ml 1.00 M MnCl2 1.60 ml 1.00 M KCl 6.60 ml Water
D3	0.40 ml 1.00 M K-Caco pH 6.0 1.50 ml 1.00 M MnCl2 1.60 ml 1.00 M KCl 6.50 ml Water	D4	0.40 ml 1.00 M K-Caco pH 6.0 1.60 ml 1.00 M MnCl2 1.60 ml 1.00 M KCl 6.40 ml Water

Well	Solutions	Well	Solutions
D5	0.40 ml 1.00 M K-Caco pH 6.0 1.70 ml 1.00 M MnCl2 1.60 ml 1.00 M KCl 6.30 ml Water	D6	0.40 ml 1.00 M K-Caco pH 6.0 1.80 ml 1.00 M MnCl2 1.60 ml 1.00 M KCl 6.20 ml Water

Stock Solutions for Mn_KCl - NCP Standard Screen Screen

name	concentration	unit	reagRemarks
Jeffamine D-230	0.1	M	filtered
KCl	1.0	M	
K-Caco pH 6.0	1.0	M	
MgCl2	1.0	M	
MnCl2	1.0	M	
NaCl	1.0	M	