

**Pi-PEG Screen 1.5x**

Condition	Precipitant		Buffer			Precipitant 2				
	Chemical	Concentration	Units	Chemical	Concentration	Units	pH	Chemical	Concentration	Units
1-1	PEG 200	33.75	%	Sodium acetate trihydrate	75	mM	4.8			
1-2	PEG 300	30	%	Sodium acetate trihydrate	75	mM	5.2			
1-3	PEG 350 MME	30	%	MES monohydrate	75	mM	5.6			
1-4	PEG 400	30	%	MES monohydrate	75	mM	6			
1-5	PEG 550 MME	30	%	ADA	75	mM	6.4			
1-6	PEG 600	30	%	ADA	75	mM	6.8			
1-7	PEG 1000	26.25	%	HEPES	75	mM	7.1			
1-8	PEG 1500	26.25	%	HEPES	75	mM	7.3			
1-9	PEG 2000	22.5	%	Tris	75	mM	7.6			
1-10	PEG 2000 MME	22.5	%	Tris	75	mM	8			
1-11	PEG 3000	22.5	%	BICINE	75	mM	8.4			
1-12	PEG 4000	22.5	%	BICINE	75	mM	8.8			
1-13	PEG 1500	22.5	%	Sodium acetate trihydrate	75	mM	4.8	PEG 4000	5.4	%
1-14	PEG 2000	19.35	%	Sodium acetate trihydrate	75	mM	5.2	PEG 200	9.6	%
1-15	PEG 2000 MME	19.35	%	MES monohydrate	75	mM	5.6	PEG 300	8.55	%
1-16	PEG 3000	19.35	%	MES monohydrate	75	mM	6	PEG 350 MME	8.55	%
1-17	PEG 4000	19.35	%	ADA	75	mM	6.4	PEG 400	8.55	%
1-18	PEG 200	28.95	%	ADA	75	mM	6.8	PEG 550 MME	8.55	%
1-19	PEG 300	25.65	%	HEPES	75	mM	7.1	PEG 600	8.55	%
1-20	PEG 350 MME	25.65	%	HEPES	75	mM	7.3	PEG 1000	7.5	%
1-21	PEG 400	25.65	%	Tris	75	mM	7.6	PEG 1500	7.5	%
1-22	PEG 550 MME	25.65	%	Tris	75	mM	8	PEG 2000	6.45	%
1-23	PEG 600	25.65	%	BICINE	75	mM	8.4	PEG 2000 MME	6.45	%
1-24	PEG 1000	22.5	%	BICINE	75	mM	8.8	PEG 3000	6.45	%
1-25	PEG 350 MME	21.45	%	Sodium acetate trihydrate	75	mM	4.8	PEG 300	17.1	%
1-26	PEG 400	21.45	%	Sodium acetate trihydrate	75	mM	5.2	PEG 350 MME	17.1	%
1-27	PEG 550 MME	21.45	%	MES monohydrate	75	mM	5.6	PEG 400	17.1	%
1-28	PEG 600	21.45	%	MES monohydrate	75	mM	6	PEG 550 MME	17.1	%
1-29	PEG 1000	18.75	%	ADA	75	mM	6.4	PEG 600	17.1	%
1-30	PEG 1500	18.75	%	ADA	75	mM	6.8	PEG 1000	15	%
1-31	PEG 2000	16.05	%	HEPES	75	mM	7.1	PEG 1500	15	%
1-32	PEG 2000 MME	16.05	%	HEPES	75	mM	7.3	PEG 2000	12.9	%
1-33	PEG 3000	16.05	%	Tris	75	mM	7.6	PEG 2000 MME	12.9	%
1-34	PEG 4000	16.05	%	Tris	75	mM	8	PEG 3000	12.9	%
1-35	PEG 200	24.15	%	BICINE	75	mM	8.4	PEG 4000	10.65	%
1-36	PEG 300	21.45	%	BICINE	75	mM	8.8	PEG 200	19.35	%
1-37	PEG 2000 MME	12.9	%	Sodium acetate trihydrate	75	mM	4.8	PEG 400	25.65	%
1-38	PEG 3000	12.9	%	Sodium acetate trihydrate	75	mM	5.2	PEG 550 MME	25.65	%
1-39	PEG 4000	12.9	%	MES monohydrate	75	mM	5.6	PEG 600	25.65	%
1-40	PEG 200	19.35	%	MES monohydrate	75	mM	6	PEG 1000	22.5	%
1-41	PEG 300	17.1	%	ADA	75	mM	6.4	PEG 1500	22.5	%
1-42	PEG 350 MME	17.1	%	ADA	75	mM	6.8	PEG 2000	19.35	%
1-43	PEG 400	17.1	%	HEPES	75	mM	7.1	PEG 2000 MME	19.35	%
1-44	PEG 550 MME	17.1	%	HEPES	75	mM	7.3	PEG 3000	19.35	%
1-45	PEG 600	17.1	%	Tris	75	mM	7.6	PEG 4000	16.05	%
1-46	PEG 1000	15	%	Tris	75	mM	8	PEG 200	28.95	%
1-47	PEG 1500	15	%	BICINE	75	mM	8.4	PEG 300	25.65	%
1-48	PEG 2000	12.9	%	BICINE	75	mM	8.8	PEG 350 MME	25.65	%

<b>Pi-PEG Screen 1.5x</b>										
<b>Condition</b>	<b>Precipitant 1</b>		<b>Buffer</b>			<b>pH</b>	<b>Precipitant 2</b>			
	<b>Chemical</b>	<b>Concentration</b>	<b>Units</b>	<b>Chemical</b>	<b>Concentration</b>		<b>Units</b>	<b>Chemical</b>	<b>Concentration</b>	<b>Units</b>
2-1	PEG 550 MME	12.9 %		Sodium acetate trihydrate	75 mM	4.8	PEG 600	34.35 %		
2-2	PEG 600	12.9 %		Sodium acetate trihydrate	75 mM	5.2	PEG 1000	30 %		
2-3	PEG 1000	11.25 %		MES monohydrate	75 mM	5.6	PEG 1500	30 %		
2-4	PEG 1500	11.25 %		MES monohydrate	75 mM	6	PEG 2000	25.65 %		
2-5	PEG 2000	9.6 %		ADA	75 mM	6.4	PEG 2000 MME	25.65 %		
2-6	PEG 2000 MME	9.6 %		ADA	75 mM	6.8	PEG 3000	25.65 %		
2-7	PEG 3000	9.6 %		HEPES	75 mM	7.1	PEG 4000	21.45 %		
2-8	PEG 4000	9.6 %		HEPES	75 mM	7.3	PEG 200	38.55 %		
2-9	PEG 200	14.4 %		Tris	75 mM	7.6	PEG 300	34.35 %		
2-10	PEG 300	12.9 %		Tris	75 mM	8	PEG 350 MME	34.35 %		
2-11	PEG 350 MME	12.9 %		BICINE	75 mM	8.4	PEG 400	34.35 %		
2-12	PEG 400	12.9 %		BICINE	75 mM	8.8	PEG 550 MME	34.35 %		
2-13	PEG 4000	6.45 %		Sodium acetate trihydrate	75 mM	4.8	PEG 1500	37.5 %		
2-14	PEG 200	9.6 %		Sodium acetate trihydrate	75 mM	5.2	PEG 2000	32.1 %		
2-15	PEG 300	8.55 %		MES monohydrate	75 mM	5.6	PEG 2000 MME	32.1 %		
2-16	PEG 350 MME	8.55 %		MES monohydrate	75 mM	6	PEG 3000	32.1 %		
2-17	PEG 400	8.55 %		ADA	75 mM	6.4	PEG 4000	26.85 %		
2-18	PEG 550 MME	8.55 %		ADA	75 mM	6.8	PEG 200	48.15 %		
2-19	PEG 600	8.55 %		HEPES	75 mM	7.1	PEG 300	42.9 %		
2-20	PEG 1000	7.5 %		HEPES	75 mM	7.3	PEG 350 MME	42.9 %		
2-21	PEG 1500	7.5 %		Tris	75 mM	7.6	PEG 400	42.9 %		
2-22	PEG 2000	6.45 %		Tris	75 mM	8	PEG 550 MME	42.9 %		
2-23	PEG 2000 MME	6.45 %		BICINE	75 mM	8.4	PEG 600	42.9 %		
2-24	PEG 3000	6.45 %		BICINE	75 mM	8.8	PEG 1000	37.5 %		
2-25	PEG 1000	3.75 %		Sodium acetate trihydrate	75 mM	4.8	PEG 2000 MME	38.55 %		
2-26	PEG 1500	3.75 %		Sodium acetate trihydrate	75 mM	5.2	PEG 3000	38.55 %		
2-27	PEG 2000	3.15 %		MES monohydrate	75 mM	5.6	PEG 4000	32.1 %		
2-28	PEG 2000 MME	3.15 %		MES monohydrate	75 mM	6	PEG 200	57.9 %		
2-29	PEG 3000	3.15 %		ADA	75 mM	6.4	PEG 300	51.45 %		
2-30	PEG 4000	3.15 %		ADA	75 mM	6.8	PEG 350 MME	51.45 %		
2-31	PEG 200	4.8 %		HEPES	75 mM	7.1	PEG 400	51.45 %		
2-32	PEG 300	4.35 %		HEPES	75 mM	7.3	PEG 550 MME	51.45 %		
2-33	PEG 350 MME	4.35 %		Tris	75 mM	7.6	PEG 600	51.45 %		
2-34	PEG 400	4.35 %		Tris	75 mM	8	PEG 1000	45 %		
2-35	PEG 550 MME	4.35 %		BICINE	75 mM	8.4	PEG 1500	45 %		
2-36	PEG 600	4.35 %		BICINE	75 mM	8.8	PEG 2000	38.55 %		
2-37				Sodium acetate trihydrate	75 mM	4.8	PEG 4000	37.5 %		
2-38				Sodium acetate trihydrate	75 mM	5.2	PEG 200	67.5 %		
2-39				MES monohydrate	75 mM	5.6	PEG 300	60 %		
2-40				MES monohydrate	75 mM	6	PEG 350 MME	60 %		
2-41				ADA	75 mM	6.4	PEG 400	60 %		
2-42				ADA	75 mM	6.8	PEG 550 MME	60 %		
2-43				HEPES	75 mM	7.1	PEG 600	60 %		
2-44				HEPES	75 mM	7.3	PEG 1000	52.5 %		
2-45				Tris	75 mM	7.6	PEG 1500	52.5 %		
2-46				Tris	75 mM	8	PEG 2000	45 %		
2-47				BICINE	75 mM	8.4	PEG 2000 MME	45 %		
2-48				BICINE	75 mM	8.8	PEG 3000	45 %		

Disclaimer-This screen is provided as part of a custom service, and we are not held responsible for any likeness or resemblance that this screen has to any currently commercially available screens.