

CRYSTALLIZATION SCREEN FORMULATION

AMMONIUM SULPHATE	Precipitant 1	[Precipitant 1]	Precipitant 2	[Precipitant 2]	Precipitant 3	[Precipitant 3]	Precipitant 4	[Precipitant 4]	Buffer	[Buffer]	pH
Box- 1	Ammonium Sulphate	3 M	None	None	None	None	None	None	Sodium Acetate	100 mM	4.00
Box- 2	Ammonium Sulphate	3 M	None	None	None	None	None	None	Sodium Acetate	100 mM	5.00
Box- 3	Ammonium Sulphate	3 M	None	None	None	None	None	None	Tris-HCl	100 mM	6.00
Box- 4	Ammonium Sulphate	3 M	None	None	None	None	None	None	Tris-HCl	100 mM	7.00
Box- 5	Ammonium Sulphate	3 M	None	None	None	None	None	None	Tris-HCl	100 mM	8.00
Box- 6	Ammonium Sulphate	3 M	None	None	None	None	None	None	Tris-HCl	100 mM	9.00
SODIUM CLHORIDE	Precipitant 1	[Precipitant 1]	Precipitant 2	[Precipitant 2]	Precipitant 3	[Precipitant 3]	Precipitant 4	[Precipitant 4]	Buffer	[Buffer]	pH
Box- 1	Sodium Chloride	3 M	None	None	None	None	None	None	Sodium Acetate	100 mM	4.00
Box- 2	Sodium Chloride	3 M	None	None	None	None	None	None	Sodium Acetate	100 mM	5.00
Box- 3	Sodium Chloride	3 M	None	None	None	None	None	None	Tris-HCl	100 mM	6.00
Box- 4	Sodium Chloride	3 M	None	None	None	None	None	None	Tris-HCl	100 mM	7.00
Box- 5	Sodium Chloride	3 M	None	None	None	None	None	None	Tris-HCl	100 mM	8.00
Box- 6	Sodium Chloride	3 M	None	None	None	None	None	None	Tris-HCl	100 mM	9.00
SODIUM FORMATE	Precipitant 1	[Precipitant 1]	Precipitant 2	[Precipitant 2]	Precipitant 3	[Precipitant 3]	Precipitant 4	[Precipitant 4]	Buffer	[Buffer]	pH
Box- 1	Sodium Formate	5 M	None	None	None	None	None	None	Sodium Acetate	100 mM	4.00
Box- 2	Sodium Formate	5 M	None	None	None	None	None	None	Sodium Acetate	100 mM	5.00
Box- 3	Sodium Formate	5 M	None	None	None	None	None	None	Tris-HCl	100 mM	6.00
Box- 4	Sodium Formate	5 M	None	None	None	None	None	None	Tris-HCl	100 mM	7.00
Box- 5	Sodium Formate	5 M	None	None	None	None	None	None	Tris-HCl	100 mM	8.00
Box- 6	Sodium Formate	5 M	None	None	None	None	None	None	Tris-HCl	100 mM	9.00
POLYETHYLEN GLYCOL 400	Precipitant 1	[Precipitant 1]	Precipitant 2	[Precipitant 2]	Precipitant 3	[Precipitant 3]	Precipitant 4	[Precipitant 4]	Buffer	[Buffer]	pH
Box- 1	PEG 400	30 %v/v	None	None	None	None	None	None	Sodium Acetate	100 mM	4.00
Box- 2	PEG 400	30 %v/v	None	None	None	None	None	None	Sodium Acetate	100 mM	5.00
Box- 3	PEG 400	30 %v/v	None	None	None	None	None	None	Tris-HCl	100 mM	6.00
Box- 4	PEG 400	30 %v/v	None	None	None	None	None	None	Tris-HCl	100 mM	7.00
Box- 5	PEG 400	30 %v/v	None	None	None	None	None	None	Tris-HCl	100 mM	8.00
Box-6	PEG 400	30 %v/v	None	None	None	None	None	None	Tris-HCl	100 mM	9.00

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POLYETHYLEN GLYCOL 400-4000-8000	Precipitant 1	[Precipitant 1]	Precipitant 2	[Precipitant 2]	Precipitant 3	[Precipitant 3]	Precipitant 4	[Precipitant 4]	Buffer	[Buffer]	pH
Box- 1	PEG 400	20 %v/v	PEG 4000	15 %w/v	PEG 8000	10 %w/v	None	None	Sodium Acetate	100 mM	4.00
Box- 2	PEG 400	20 %v/v	PEG 4000	15 %w/v	PEG 8000	10 %w/v	None	None	Sodium Acetate	100 mM	5.00
Box- 3	PEG 400	20 %v/v	PEG 4000	15 %w/v	PEG 8000	10 %w/v	None	None	Tris-HCl	100 mM	6.00
Box- 4	PEG 400	20 %v/v	PEG 4000	15 %w/v	PEG 8000	10 %w/v	None	None	Tris-HCl	100 mM	7.00
Box- 5	PEG 400	20 %v/v	PEG 4000	15 %w/v	PEG 8000	10 %w/v	None	None	Tris-HCl	100 mM	8.00
Box- 6	PEG 400	20 %v/v	PEG 4000	15 %w/v	PEG 8000	10 %w/v	None	None	Tris-HCl	100 mM	9.00

POLYETHYLEN GLYCOL 4000+ Li ₂ SO ₄	Precipitant 1	[Precipitant 1]	Precipitant 2	[Precipitant 2]	Precipitant 3	[Precipitant 3]	Precipitant 4	[Precipitant 4]	Buffer	[Buffer]	pH
Box- 1	PEG 4000	30 %w/v	Li ₂ SO ₄	0.3 M	None	None	None	None	Sodium Acetate	100 mM	4.00
Box- 2	PEG 4000	30 %w/v	Li ₂ SO ₄	0.3 M	None	None	None	None	Sodium Acetate	100 mM	5.00
Box- 3	PEG 4000	30 %w/v	Li ₂ SO ₄	0.3 M	None	None	None	None	Tris-HCl	100 mM	6.00
Box- 4	PEG 4000	30 %w/v	Li ₂ SO ₄	0.3 M	None	None	None	None	Tris-HCl	100 mM	7.00
Box- 5	PEG 4000	30 %w/v	Li ₂ SO ₄	0.3 M	None	None	None	None	Tris-HCl	100 mM	8.00
Box- 6	PEG 4000	30 %w/v	Li ₂ SO ₄	0.3 M	None	None	None	None	Tris-HCl	100 mM	9.00

PEG's + LITHIUM SULPHATE	Precipitant 1	[Precipitant 1]	Precipitant 2	[Precipitant 2]	Precipitant 3	[Precipitant 3]	Precipitant 4	[Precipitant 4]	Buffer	[Buffer]	pH
Box- 1	PEG 400	15 %v/v	PEG 4000	10 %w/v	PEG 8000	5 %w/v	Li ₂ SO ₄	0.2 M	Sodium Acetate	100 mM	4.00
Box- 2	PEG 400	15 %v/v	PEG 4000	10 %w/v	PEG 8000	5 %w/v	Li ₂ SO ₄	0.2 M	Sodium Acetate	100 mM	5.00
Box- 3	PEG 400	15 %v/v	PEG 4000	10 %w/v	PEG 8000	5 %w/v	Li ₂ SO ₄	0.2 M	Tris-HCl	100 mM	6.00
Box- 4	PEG 400	15 %v/v	PEG 4000	10 %w/v	PEG 8000	5 %w/v	Li ₂ SO ₄	0.2 M	Tris-HCl	100 mM	7.00
Box- 5	PEG 400	15 %v/v	PEG 4000	10 %w/v	PEG 8000	5 %w/v	Li ₂ SO ₄	0.2 M	Tris-HCl	100 mM	8.00
Box- 6	PEG 400	15 %v/v	PEG 4000	10 %w/v	PEG 8000	5 %w/v	Li ₂ SO ₄	0.2 M	Tris-HCl	100 mM	9.00

SODIUM FORMATE + MgCl ₂	Precipitant 1	[Precipitant 1]	Precipitant 2	[Precipitant 2]	Precipitant 3	[Precipitant 3]	Precipitant 4	[Precipitant 4]	Buffer	[Buffer]	pH
Box- 1	Sodium Formate	5 M	MgCl ₂	0.4 M	None	None	None	None	Sodium Acetate	100 mM	4.00
Box- 2	Sodium Formate	5 M	MgCl ₂	0.4 M	None	None	None	None	Sodium Acetate	100 mM	5.00
Box- 3	Sodium Formate	5 M	MgCl ₂	0.4 M	None	None	None	None	Tris-HCl	100 mM	6.00
Box- 4	Sodium Formate	5 M	MgCl ₂	0.4 M	None	None	None	None	Tris-HCl	100 mM	7.00
Box- 5	Sodium Formate	5 M	MgCl ₂	0.4 M	None	None	None	None	Tris-HCl	100 mM	8.00
Box- 6	Sodium Formate	5 M	MgCl ₂	0.4 M	None	None	None	None	Tris-HCl	100 mM	9.00

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POLYETHYLEN GLYCOL 4000	Precipitant 1	[Precipitant 1]	Precipitant 2	[Precipitant 2]	[Precipitant 3]	Precipitant 4	[Precipitant 4]	Buffer	[Buffer]	pH
Box- 1	PEG 4000	30 %w/v	None	None	None	None	None	Sodium Acetate	100 mM	4.00
Box- 2	PEG 4000	30 %w/v	None	None	None	None	None	Sodium Acetate	100 mM	5.00
Box- 3	PEG 4000	30 %w/v	None	None	None	None	None	Tris-HCl	100 mM	6.00
Box- 4	PEG 4000	30 %w/v	None	None	None	None	None	Tris-HCl	100 mM	7.00
Box- 5	PEG 4000	30 %w/v	None	None	None	None	None	Tris-HCl	100 mM	8.00
Box- 6	PEG 4000	30 %w/v	None	None	None	None	None	Tris-HCl	100 mM	9.00

POLYETHYLEN GLYCOL 8000	Precipitant 1	[Precipitant 1]	Precipitant 2	[Precipitant 2]	[Precipitant 3]	Precipitant 4	[Precipitant 4]	Buffer	[Buffer]	pH
Box- 1	PEG 8000	30 %w/v	None	None	None	None	None	Sodium Acetate	100 mM	4.00
Box- 2	PEG 8000	30 %w/v	None	None	None	None	None	Sodium Acetate	100 mM	5.00
Box- 3	PEG 8000	30 %w/v	None	None	None	None	None	Tris-HCl	100 mM	6.00
Box- 4	PEG 8000	30 %w/v	None	None	None	None	None	Tris-HCl	100 mM	7.00
Box- 5	PEG 8000	30 %w/v	None	None	None	None	None	Tris-HCl	100 mM	8.00
Box- 6	PEG 8000	30 %w/v	None	None	None	None	None	Tris-HCl	100 mM	9.00

SODIUM MALONATE	Precipitant 1	[Precipitant1]	Precipitant 2	[Precipitant 2]	[Precipitant 3]	Precipitant 4	[Precipitant 4]	Buffer	[Buffer]	pH
Box- 1	Sodium Malonate	3 M	None	None	None	None	None	Sodium Acetate	100 mM	4.00
Box- 2	Sodium Malonate	3 M	None	None	None	None	None	Sodium Acetate	100 mM	5.00
Box- 3	Sodium Malonate	3 M	None	None	None	None	None	Tris-HCl	100 mM	6.00
Box- 4	Sodium Malonate	3 M	None	None	None	None	None	Tris-HCl	100 mM	7.00
Box- 5	Sodium Malonate	3 M	None	None	None	None	None	Tris-HCl	100 mM	8.00
Box- 6	Sodium Malonate	3 M	None	None	None	None	None	Tris-HCl	100 mM	9.00

2- METHYL2,4PENTANEDIOL	Precipitant 1	[Precipitant 1]	Precipitant 2	[Precipitant 2]	[Precipitant 3]	Precipitant 4	[Precipitant 4]	Buffer	[Buffer]	pH
Box- 1	MPD	40 %v/v	None	None	None	None	None	Sodium Acetate	100 mM	4.00
Box- 2	MPD	40 %v/v	None	None	None	None	None	Sodium Acetate	100 mM	5.00
Box- 3	MPD	40 %v/v	None	None	None	None	None	Tris-HCl	100 mM	6.00
Box- 4	MPD	40 %v/v	None	None	None	None	None	Tris-HCl	100 mM	7.00
Box- 5	MPD	40 %v/v	None	None	None	None	None	Tris-HCl	100 mM	8.00
Box-6	MPD	40 %v/v	None	None	None	None	None	Tris-HCl	100 mM	9.00