

Full interpretation of the results requires you to look at the individual melt curves.

96% of curves were used in T_m estimations

Average estimation of error is **0.1 C**

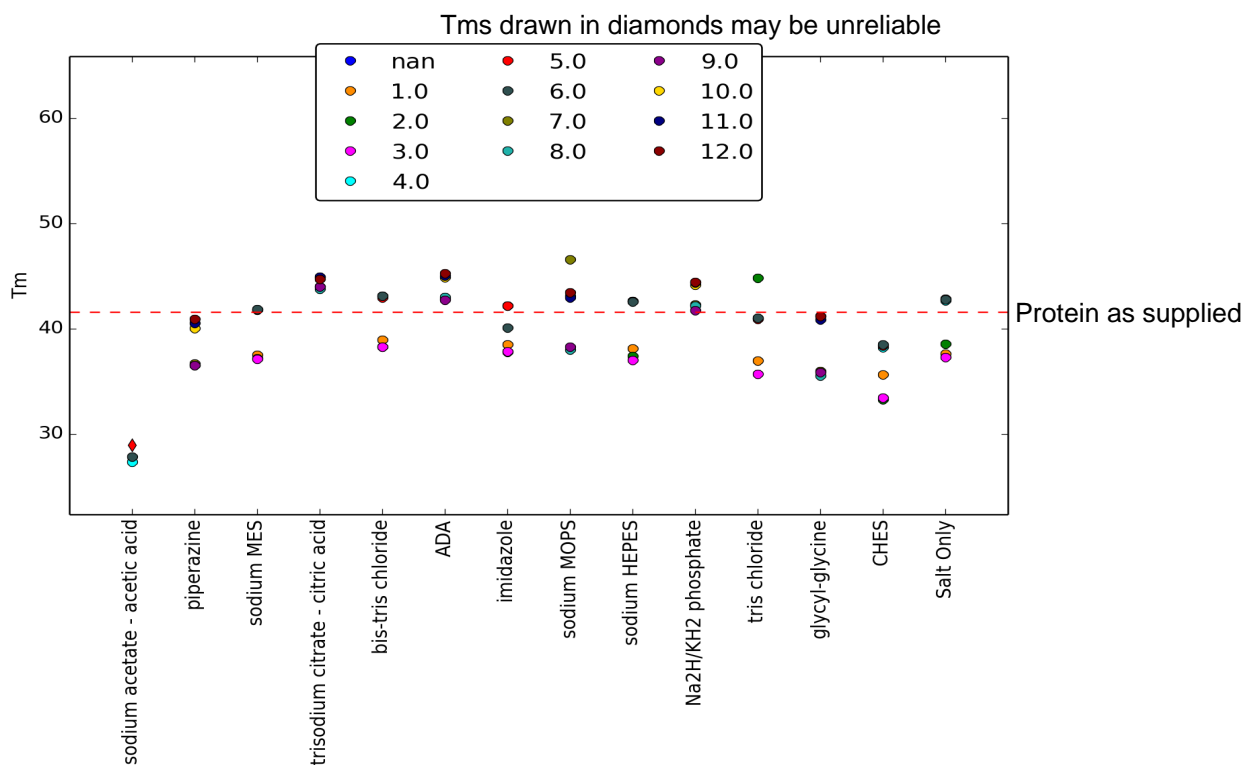
Protein as supplied is **well behaved**

Protein as supplied: $T_m = 41.62(+/-0.15)$

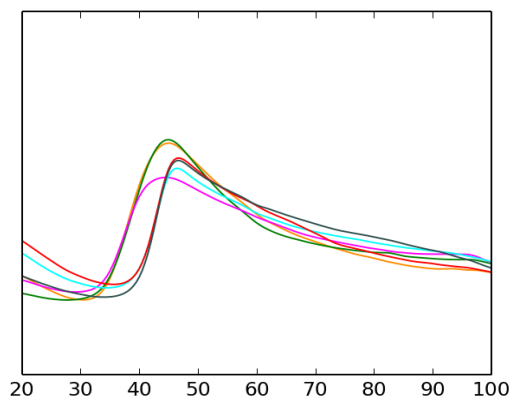
Lysozyme Control: Passed

No Dye Control: Passed

No Protein Control: Passed

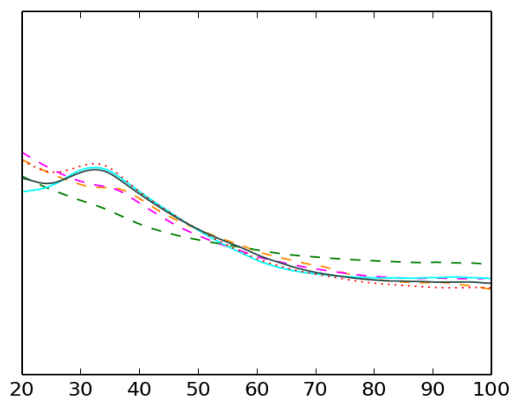


Highest T_m = 46.57
(sodium MOPS / 7.0)



Salt Only ()

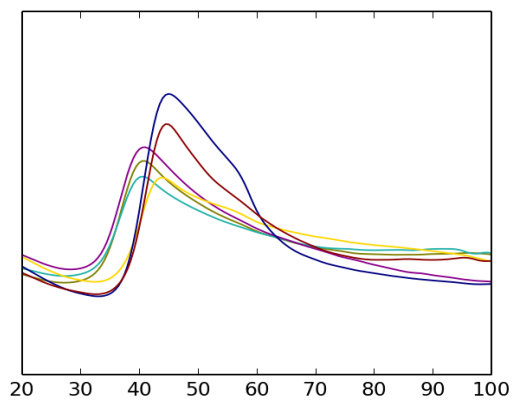
Grouped by	Tm
nan	None
1.0	37.64
2.0	38.57
3.0	37.3
4.0	42.69
5.0	42.84
6.0	42.81
7.0	None
8.0	None
9.0	None
10.0	None
11.0	None
12.0	None



sodium acetate - acetic acid (5.0)

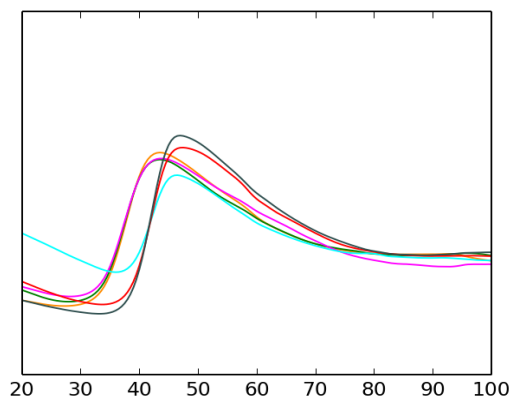
Grouped by	Tm
nan	None
1.0	None
2.0	None
3.0	None
4.0	27.36
5.0	28.96^
6.0	27.83
7.0	None
8.0	None
9.0	None
10.0	None
11.0	None
12.0	None

Curves drawn with dashed lines are monotonic and excluded from Tm calculations
 Curves with complex melt transitions are marked (^) and are drawn with a dotted line
 Curves coloured grey are outliers, and are excluded from Tm calculations



piperazine (5.5)

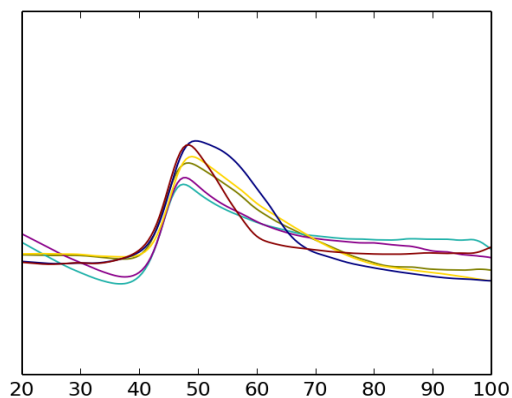
Grouped by	Tm	Adjusted pH at Tm
nan	None	
1.0	None	
2.0	None	
3.0	None	
4.0	None	
5.0	None	
6.0	None	
7.0	36.72	5.2
8.0	36.55	5.2
9.0	36.55	5.2
10.0	40.05	5.13
11.0	40.52	5.13
12.0	40.92	5.12



sodium MES (6.0)

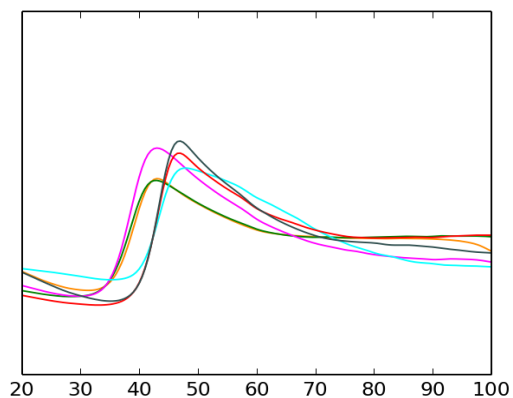
Grouped by	Tm	Adjusted pH at Tm
nan	None	
1.0	37.51	5.86
2.0	37.19	5.87
3.0	37.16	5.87
4.0	41.82	5.83
5.0	41.82	5.83
6.0	41.85	5.83
7.0	None	
8.0	None	
9.0	None	
10.0	None	
11.0	None	
12.0	None	

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trisodium citrate - citric acid (6.0)

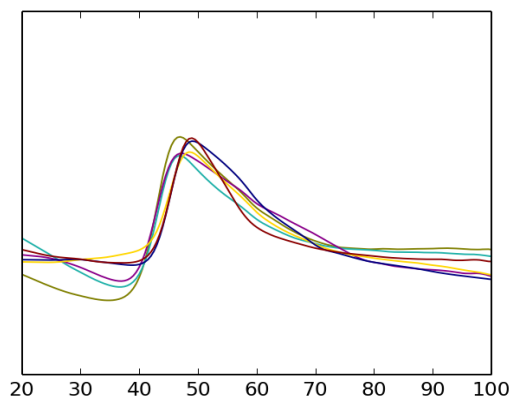
Grouped by	Tm	Adjusted pH at Tm
nan	None	
1.0	None	
2.0	None	
3.0	None	
4.0	None	
5.0	None	
6.0	None	
7.0	44.03	6.09
8.0	43.76	6.09
9.0	44.03	6.09
10.0	44.9	6.1
11.0	44.96	6.1
12.0	44.7	6.1



bis-tris chloride (6.5)

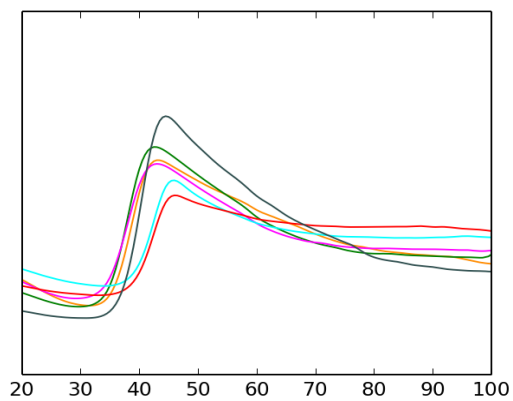
Grouped by	Tm	Adjusted pH at Tm
nan	None	
1.0	38.93	6.25
2.0	38.31	6.26
3.0	38.32	6.26
4.0	43.11	6.2
5.0	42.97	6.2
6.0	43.12	6.2
7.0	None	
8.0	None	
9.0	None	
10.0	None	
11.0	None	
12.0	None	

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ADA (6.5)

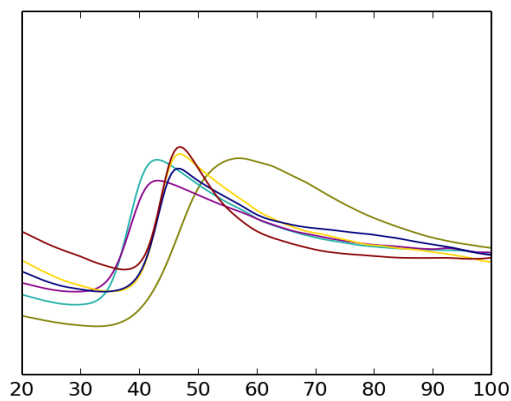
Grouped by	Tm	Adjusted pH at Tm
nan	None	
1.0	None	
2.0	None	
3.0	None	
4.0	None	
5.0	None	
6.0	None	
7.0	42.83	6.42
8.0	43.0	6.42
9.0	42.73	6.42
10.0	44.91	6.41
11.0	45.03	6.41
12.0	45.28	6.41



imidazole (7.0)

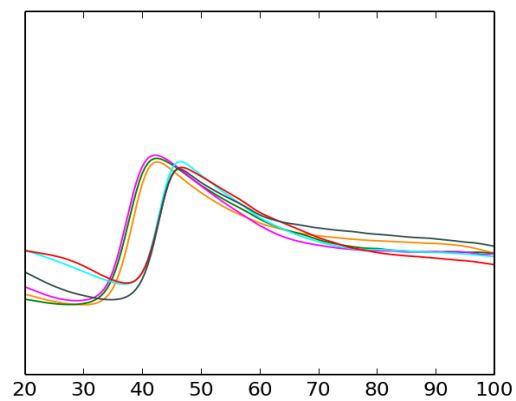
Grouped by	Tm	Adjusted pH at Tm
nan	None	
1.0	38.49	6.69
2.0	37.79	6.7
3.0	37.84	6.7
4.0	42.2	6.62
5.0	42.19	6.62
6.0	40.12	6.66
7.0	None	
8.0	None	
9.0	None	
10.0	None	
11.0	None	
12.0	None	

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sodium MOPS (7.0)

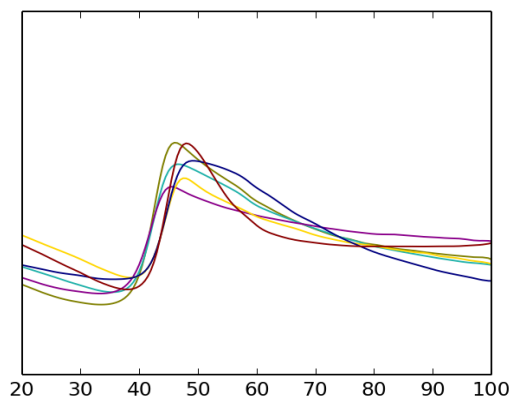
Grouped by	Tm	Adjusted pH at Tm
nan	None	
1.0	None	
2.0	None	
3.0	None	
4.0	None	
5.0	None	
6.0	None	
7.0	46.57	6.78
8.0	38.01	6.85
9.0	38.27	6.85
10.0	43.12	6.81
11.0	42.98	6.81
12.0	43.46	6.81



sodium HEPES (7.5)

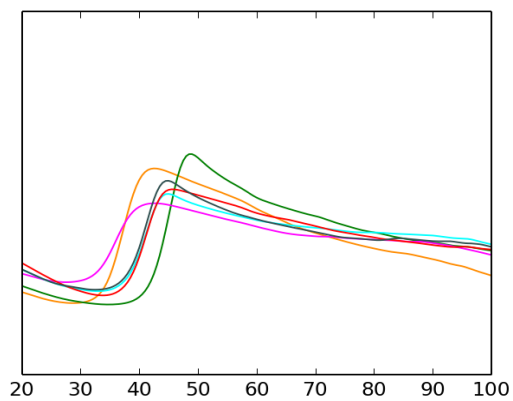
Grouped by	Tm	Adjusted pH at Tm
nan	None	
1.0	38.11	7.39
2.0	37.43	7.4
3.0	37.02	7.4
4.0	42.61	7.36
5.0	42.63	7.36
6.0	42.58	7.36
7.0	None	
8.0	None	
9.0	None	
10.0	None	
11.0	None	
12.0	None	

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Na2H/KH2 phosphate (7.5)

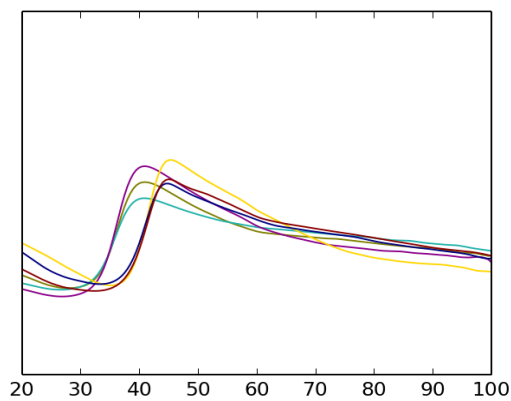
Grouped by	Tm	Adjusted pH at Tm
nan	None	
1.0	None	
2.0	None	
3.0	None	
4.0	None	
5.0	None	
6.0	None	
7.0	42.3	7.62
8.0	42.18	7.62
9.0	41.73	7.62
10.0	44.17	7.63
11.0	44.38	7.63
12.0	44.44	7.63



tris chloride (8.0)

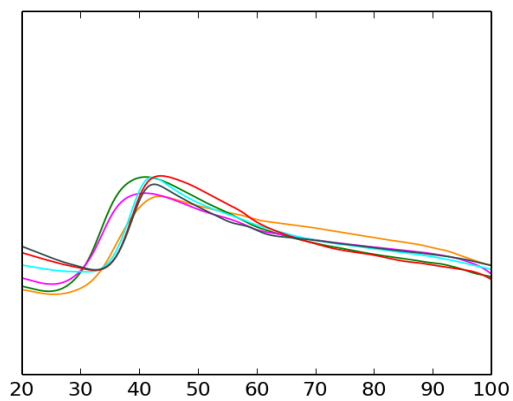
Grouped by	Tm	Adjusted pH at Tm
nan	None	
1.0	36.97	7.66
2.0	44.85	7.5
3.0	35.73	7.68
4.0	41.0	7.57
5.0	40.94	7.58
6.0	41.02	7.57
7.0	None	
8.0	None	
9.0	None	
10.0	None	
11.0	None	
12.0	None	

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glycyl-glycine (8.5)

Grouped by	Tm	Adjusted pH at Tm
nan	None	
1.0	None	
2.0	None	
3.0	None	
4.0	None	
5.0	None	
6.0	None	
7.0	35.99	8.23
8.0	35.55	8.24
9.0	35.89	8.23
10.0	41.21	8.14
11.0	40.86	8.15
12.0	41.18	8.15



CHES (9.0)

Grouped by	Tm	Adjusted pH at Tm
nan	None	
1.0	35.68	8.81
2.0	33.29	8.84
3.0	33.44	8.84
4.0	38.22	8.78
5.0	38.4	8.78
6.0	38.51	8.78
7.0	None	
8.0	None	
9.0	None	
10.0	None	
11.0	None	
12.0	None	

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