

Appendix

Temperature °C	CMC	Filter Paper	Cotton Wool
	Stability		
40	0.255 ^a	0.104 ^a	0.185 ^a
50	0.311 ^b	0.114 ^b	0.275 ^b
60	0.420 ^c	0.131 ^c	0.422 ^c
70	0.675 ^e	0.203 ^g	0.792 ^e
80	0.673 ^e	0.185 ^f	0.753 ^e
90	0.672 ^e	0.162 ^e	0.691 ^e
100	0.511 ^d	0.158 ^d	0.601 ^d
	Relative	Stability	
40	37.80 ^a	51.20 ^a	23.40 ^a
50	46.10 ^b	56.20 ^b	34.70 ^b
60	62.20 ^c	64.50 ^c	53.30 ^c
70	100 ^e	100 ^g 100 ^g	
80	99.70 ^e	91.10 ^f	95.10 ^f
90	99.50 ^e	79.80 ^e	87.20 ^e
100	75.70 ^d	72.80 ^d	75.90 ^d

*Means bearing different superscripts in the same column are significantly different (P<0.05).

Appendix 1: Effect of Temperature on Mean ± SE Stability and Relative Stability on CMC, Filter Paper and Cotton Wool.

Temperature °C	CMC	Filter Paper	Cotton Wool
	Stability		
40	0.255 ^b	0.104 ^a	0.185 ^b
50	0.311 ^b	0.114 ^a	0.275 ^b
60	0.420 ^b	0.131 ^a	0.422 ^b
70	0.675 ^b	0.203 ^a	0.792 ^b
80	0.673 ^b	0.185 ^a	0.753 ^b
90	0.672 ^b	0.162 ^a	0.691 ^b
100	0.511 ^b	0.158 ^a	0.601 ^b
	Relative	Stability	
40	37.80 ^b	51.20 ^c	23.40 ^a
50	46.10 ^b	56.20 ^c	34.70 ^a
60	62.20 ^b	64.50 ^b	53.30 ^a
70	100	100	100
80	99.70 ^c	91.10 ^a	95.10 ^b
90	99.50 ^c	79.80 ^a	87.20 ^b
100	75.70 ^b	72.80 ^a	75.90 ^b

*Means bearing different superscripts in the same row are significantly different (P<0.05).

Appendix 2: Comparative Effect of Temperature on Mean ± SE Stability and Relative Stability on CMC, Filter Paper and Cotton Wool.

Substrate	Time	40	50	60	70	80	90	100
CMC	30 Min.	0.485	0.536	0.690	0.819	0.956	1.230	0.667
	1.00 h	0.722	0.812	0.910	1.212	1.354	2.010	0.420
	1.30 h	0.510	0.620	0.701	1.100	1.201	1.880	0.300
	2.00 h	0.311	0.430	0.562	0.716	0.986	1.700	0.250
	2.30 h	0.300	0.218	0.314	0.522	0.770	1.520	0.210
	3.00 h	0.285	0.200	0.254	0.317	0.514	1.200	0.100
Filter Paper	30 Min.	0.385	0.420	0.625	0.804	0.884	0.891	0.629
	1.00 h	0.532	0.610	0.812	1.020	1.200	1.320	0.500
	1.30 h	0.721	0.800	0.941	1.220	1.400	1.380	0.320
	2.00 h	0.925	1.201	1.320	1.450	1.500	1.620	0.280
	2.30 h	0.739	1.120	1.250	1.380	1.420	1.530	0.250
	3.00 h	0.510	1.080	1.150	1.240	1.300	1.450	0.200

Appendix 3: Time Course of Decay of the Purified Enzyme in relation to Temperature.

Substrate	Time	40	50	60	70	80	90	100
CMC	30 Min.	67	66	76	67	71	61	100
	1.00 h	100	100	100	100	100	100	63
	1.30 h	71	76	77	91	89	94	45
	2.00 h	43	53	62	59	73	85	37
	2.30 h	41	27	35	43	57	76	31
	3.00 h	39	25	30	26	38	60	15
Filter Paper	30 Min.	42	35	47	55	59	55	100
	1.00 h	56	51	62	70	80	81	80
	1.30 h	78	67	71	84	93	85	51
	2.00 h	100	100	100	100	100	100	45
	2.30 h	80	93	95	95	95	94	40
	3.00 h	55	90	87	85	87	90	32

Appendix 4: Time Course of Decay of the Purified Enzyme in relation to Temperature in percentages.

