

Table 4 Gel melting point (°C) of Carrageenan extracted from *Hypnea musciformis*, *H. pannosa*, *H. valentiae* at four different sites of Karachi coast

Month	<i>H. musciformis</i>				<i>H. pannosa</i>				<i>H. valentiae</i>			
	Buleji	Hawks Bay	Manora	Paradise Point	Buleji	Hawks Bay	Manora	Paradise Point	Buleji	Hawks Bay	Manora	Paradise Point
J	67.0	51.5	50.0	68.0	43.0	52.0	48.5	51.5	48.5	41.5	53.0	44.0
F	48.0	42.2	45.0	43.0	-	-	50.0	55.0	46.0	43.0	51.5	53.5
M	51.4	77.0	67.0	42.0	50.0	46.0	-	54.0	47.0	51.0	51.0	55.0
A	45.0	-	51.0	50.0	50.0	44.5	42.0	46.0	47.5	-	47.0	46.0
M	44.0	-	71.0	53.0	50.5	-	-	51.0	51.0	-	46.0	-
J	46.0	67.0	63.0	-	-	-	47.0	-	50.0	48.0	44.5	-
J	54.0	60.0	42.0	-	-	-	-	-	53.0	52.0	45.0	41.0
A	60.5	-	-	-	-	-	-	-	-	-	-	47.0
S	61.0	-	60.0	51.0	50.0	52.0	44.0	-	55.0	-	52.0	44.0
O	56.5	-	53.8	50.0	52.0	-	51.0	-	51.0	53.0	55.0	44.5
N	50.0	50.5	55.0	50.0	50.0	48.0	50.0	52.0	51.0	55.0	45.0	-
D	53.0	54.0	55.0	52.0	50.5	-	50.0	48.0	50.0	-	48.5	50.5