

Table 3 Gel boiling 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	43.0	44.0	30.0	41.0	38.0	40.0	52.0	44.0	40.0	53.0	48.6	42.0
F	38.7	47.6	37.0	38.6	-	-	48.0	48.5	47.0	50.0	45.0	51.0
M	44.0	42.5	36.8	43.0	42.0	37.0	-	46.0	48.5	50.5	45.0	46.0
A	46.4	-	38.0	40.5	40.0	45.0	45.0	44.0	48.0	-	-	44.0
M	41.0	-	43.0	40.0	53.0	-	-	54.0	50.0	-	51.0	-
J	55.0	56.5	52.0	-	-	-	44.5	-	50.0	50.0	43.0	-
J	48.3	46.2	41.7	-	-	-	-	-	52.0	52.5	40.0	45.0
A	43.0	-	-	-	-	-	-	-	-	-	-	46.0
S	37.8	-	44.0	36.0	51.0	50.0	50.0	-	48.0	-	44.0	44.0
O	40.0	-	38.0	40.5	54.0	-	46.0	-	44.0	53.5	51.5	44.0
N	44.8	45.4	42.0	40.0	44.0	44.0	40.0	40.0	48.0	53.0	44.0	-
D	51.2	44.0	42.0	40.0	40.0	-	41.5	44.0	48.0	-	44.0	44.0