

Table 3 Macromolecular comparison of four marine demosponges

Sponge Species	Carbohydrate		Protein	Lipid	Differential Collagen			Total Collagen
	Hexose	Pentose			SS	AS	Ins	
<i>C. fibrosa</i>	14.9±0.7	24.1±1.2	209.6 ±9.5	21.2 ±1.1	29.7±1.4	27.8±1.3	37.9±2.8	160.2±8.0
<i>D. fragilis</i>	9.6 ±0.5	15.8±0.8	57.3 ±3.4	10.2 ±0.7	16.5±0.8	17.8±0.9	34.8±1.7	44.8±2.2
<i>F. cavernosa</i>	9.6 ±0.5	16.1±0.8	101.6±5.1	16.4±0.8	18.2±0.9	14.8±0.7	42.8±2.1	80.2±4.0
<i>H. cribriformis</i>	13.5±0.7	24.9±1.3	156.4 ±7.8	19.5 ±0.9	19.0±1.1	17.8±0.9	35.0±1.8	127.7±6.4

Note: All the data expressed as Mean ±SE of each biochemical component in mg / g dry wt