

Table 3: Effect of different concentrations of nitrate (μM) on the total carbohydrates, total soluble proteins and total lipids ($\mu\text{g}\cdot\text{ml}^{-1}$) of *Chaetoceros simplex* (Each value is the mean \pm SD)

Nitrate Concentrations	Total carbohydrate	Total soluble proteins	Total lipids
Control	35.5 \pm 1.3	5.7 \pm 0.5	86 \pm 5
1	37.4 \pm 2.5	6.2 \pm 0.9	84.2 \pm 3
5	40.3 \pm 1.5	6.9 \pm 0.7	78.2 \pm 7
50	41.6 \pm 3.5	7.4 \pm 1.7	65 \pm 20
100	50 \pm 5.3	7.8 \pm 2.6	60.2 \pm 10
200	34.2 \pm 2.9	3.88 \pm 0.34	50.4 \pm 18
300	21.4 \pm 2.8	3.79 \pm 0.76	46.3 \pm 15