

Table 4: Summary of fatty acid profiles at steady state of *Scenedesmus* sp cultivated semi-continuously in untreated non-sterilized wastewater at different dilution rates. Data values are means (\pm SE) of two replicate samples

Fatty acid (% FA)	0.2 1/day	0.3 1/day	0.4 1/day	0.6 1/day	0.8 1/day
14:0	0.7	1.1	1.7	1.9	2.5
16:0	27.1	26.8	29.6	28.2	29.5
16:1n7	1.1	1.3	1.2	2.5	5.6
16:2n4	0.9	1.1	1.1	1.3	0.6
16:3n4	1.0	1.1	0.9	1.3	0.0
16:4n1	2.8	3.6	4.1	5.6	3.2
18:00	6.5	7.8	11.6	9.0	10.2
18:1n9	32.5	25.2	14.5	10.9	10.2
18:1n7	0.4	1.2	2.0	2.6	4.2
18:2n6	5.6	5.5	4.4	4.3	3.0
18 :3n3	12.0	13.0	12.6	12.7	6.9
18 :4n3	1.5	1.4	1.7	1.0	0.0
20 :4n6	0.4	0.0	0.0	0.0	0.0
20 :5n3	0.7	0.9	1.1	1.2	1.8
20 :1n9	1.3	1.3	0.9	0.8	0.0
22 :5n3	0.0	0.0	0.0	1.2	1.6
FA, %d.wt.	13.2 \pm 0.2	11.1 \pm 0.7	8.5 \pm 0.8	6.9 \pm 0.1	4.9 \pm 0.3