
Table 1. Pigment Content, Cell Dry Weight, and Cell Size of Vegetative Cells and Red Cysts

Measurement	Vegetative cells	Red cysts
Mean cell diameter* (μm)	20	55
Dry weight (ng/cell)	1.33	8.1
Chlorophyll (pg/cell)	29.14	47.25
Carotenoids (pg/cell)	6.12	241
Carotenoids:Chlorophyll	0.21	5.1

*Since the cultures were not grown synchronously, the cell size is heterogeneous, varying between 15 and 24 μm for the vegetative cells and 40 and 70 μm for the cysts.