

Table 1. Inductively coupled plasma atomic emission spectroscopy elemental analysis of the biomass. Errors represent standard deviation of two independent chemostat cultures.

| Element | Ca | K | Mg | Na | P | S |
|---|-----------------|--------------|---------------|---------------|--------------|---------------|
| Measured amount (g per kg dry weight) | 0.16 ± 0.07 | 28 ± 2 | 2.6 ± 0.0 | 1.3 ± 0.1 | 20 ± 1 | 3.0 ± 0.0 |
| Calculated intracellular concentration (mM) | 1.9 ± 0.1 | 342 ± 30 | 51 ± 1 | 28 ± 3 | 304 ± 14 | 45 ± 0 |