

Chlorellaceae_KM349944

Sample name: Chlorellaceae

Accession number for 16S rRNA partial gene sequence: KM349944

Classification: Eukaryota; Viridiplantae; Chlorophyta; Trebouxiophyceae;
Chlorellales; Chlorellaceae; unclassified Chlorellaceae

Metabolism: Autotrophic (oxygenic photosynthesis)

Origin: Atacama desert, Chile

Isolation: Ivan P. Lima (NPP at NASA Ames, CA, USA)

Sample concentration: 8.11×10^5 cells/ml

Sample count on filter substrate: $2.43 \pm 0.16 \times 10^6$ cells

Laboratory growth conditions: 30 °C, 180 rpm, 96 h

Culture medium: Reasoner's 2A (R2A)

Sample photograph:



Sample micrograph:

