Sample name: Bacillales

Accession number for 16S rRNA partial gene sequence: KM349940

Classification: Bacteria; Firmicutes; Bacilli; Bacillales

Metabolism: Heterotrophic

Origin: Atacama desert, Chile

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

Sample concentration: $6.43 \times 10^7$ cells/ml

Sample count on filter substrate: $1.93 \pm 0.13 \times 10^8$ cells

Laboratory growth conditions: 30 °C, 180 rpm, 24 h

Culture medium: Marine Broth (MB)

Sample photograph:

![Sample photograph](image)

Sample micrograph:

![Sample micrograph](image)