

Species *Niallia tiangongensis*

Etymology

[tian.gong.en'sis] **N.L. fem. adj.** *tiangongensis*, pertaining to the Tiangong Space Station

Nomenclatural type

Strain: GDMCC 1.4642 = JL1B1071 = KCTC 43715

Description

Yuan et al., 2025: Gram-positive, aerobic and spore-forming, with rod-shaped vegetative cells measuring ~0.3–0.8 µm in width and 1.5–5.6 µm in length. Colonies appear white, non-pigmented and smooth on Tryptic Soy Agar after 48 h. Optimal growth conditions are 25–37 °C, pH 6–8 and without added sodium chloride.

Classification

Bacteria » *Bacillota* » *Bacilli* » *Bacillales* » *Bacillaceae* » *Niallia* » *Niallia tiangongensis*

References

Effective publication: Yuan et al., 2025 [1]

Registry URL

<https://seqco.de/i:50172>

References

1. Yuan et al. (2025). *Niallia tiangongensis* sp. nov., isolated from the China Space Station. *International Journal of Systematic and Evolutionary Microbiology*. DOI:10.1099/ijsem.0.006693