



# Technical Notice

Rev3 Sunday, March 13, 2005

## Regarding changes to Taxonomy of *Bacillus* organisms

Two taxonomic changes have been implemented to the species commonly referred to in USP and other guidelines for use as a Biological Indicator. The American Type Culture Collection (ATCC) and other international repositories have already incorporated these changes in their databases. The taxonomic change does not change the ATCC Number or strain in any way other than to change its name/classification.

Following are links to the ATCC descriptions and specific references that discuss the reclassifications:

### 1) ATCC 9372

- a. Now called *B. atrophaeus* (formerly *B. subtilis* var. *niger*)

RF81959: Fritze D and Pukall R. Reclassification of bioindicator strains *Bacillus subtilis* DSM 675 and *Bacillus subtilis* DSM 2277 as *Bacillus atrophaeus*. *Int. J. Syst. Evol. Microbiol.* 51: 35-37, 2001 PubMed: 21078656

### 2) ATCC 7953, 12980 and 10149

- a. Now called *Geobacillus stearothermophilus* (formerly *Bacillus stearothermophilus*)
- b. Journal reference for name change:

<http://ijs.sgmjournals.org/cgi/content/abstract/51/2/433>