Topic: SimPlate for HPC Field Evaluation

Title: “Multiregional Evaluation of the SimPlate Heterotrophic Plate Count Method Compared to the Standard Plate Count Agar pour Plate Method in Water”

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Source: Applied and Environmental Microbiology p.453-454

Date: January, 2000

Report Highlights:

- Six labs in the US tested a total of 632 samples: chlorinated drinking waters, well waters, untreated lake and stream waters, secondary chlorinated sewage effluents.
- The samples were tested with both SimPlate for HPC and the pour plate method using Plate Count Agar incubated at 35C for 48 hours.
- The methods were found to produce equivalent results, r=.95.
- “SimPlate is easy to use and does not require preparation of media.”
- “Counting of positive fluorescent wells is an easy process, does not require a colony counter, and takes less time than counting colonies on the standard HPC plate.”