Quanti-CultiControl

The Quanti-CultiControl are lyophilized, quantitative microorganism preparations to be used in industrial laboratories for Quality Control purposes. Processed as directed, these preparations provide a challenge of <100 CFU per 0.1 mL, which is a concentration usually suitable for several pharmaceutical applications, including growth promotion testing of culture media to be employed in sterility testing. These microorganism preparations are derived from the American Type Culture Collection (ATCC®) or other authentic reference culture collection.

The Quanti-CultiControl are suitable for the Growth Promotion Test recommended by the international Pharmacopoeiae, without need of intermediate dilution steps, since each rehydrated suspension generates less than 100 UFC for 0.1 mL inoculum. Each suspension (1 mL) allows 10 inocula.



Remove the vial of lyophilized pellet from the refrigerator (2-8 °C). Allow the materials to equilibrate to room temperature (about 30 minutes) before opening the vial.



While the pellets are equilibrating, prewarm the hydrating fluid to 34-38°C (at least 30 minutes).



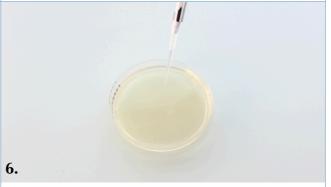
With a sterile forceps, transfer the pellet into the 1 mL vial of hydrating fluid. Do not remove the desiccant from vial. One pellet must be used to obtain the challenge concentration of 10–100 CFU per 0.1 mL on non-selective media.



Immediately recap the vial with the hydrated material and place into a 34-38 °C incubator for 30 minutes to ensure complete hydration.



Immediately following incubation, vortex the hydrated material until pellets have completely dissolved and suspension is homogeneous.



With a sterile pipette, transfer 0.1 mL of the hydrated suspension to the material being challenged (0.1 mL contains 10–100 CFU). Remaining suspension can be refrigerated and used for up to 8 hours (no warming time required), with the exception of catalog number 89505 which must be used within 30 minutes.

7. Proceed with the challenge procedure according to laboratory protocol.

Discard any remaining hydrated material in accordance with the laboratory protocol for disposal of biohazard materials.





Quanti-CultiControl™ freeze-dried microorganisms

Packaging: 1 vial containing 1 pellet + 1 rehydration fluid vial

Quantitative: <100 CFU / 0.1 mL inoculum

Applications: Growth Promotion Testing, Microbial Limits Testing, Microbial Enumeration Testing

escription Ref. bergillus brasiliensis derived from ATCC® $16404^{\text{TM}*}$ 8950 cillus cereus derived from ATCC® $10876^{\text{TM}*}$ 8950.	
	2
cillus subtilis subsp. spizizenii derived from ATCC® 6633™*	3
cteroides fragilis derived from ATCC® 25285™* 8950!	5
idobacterium animalis subsp. animalis derived from ATCC® 25527™* 89539	9
evundimonas diminuta derived from ATCC® 19146™* 89500	6
rkholderia cepacia derived from ATCC® 25416™*	7
ndida albicans derived from ATCC® 10231™* 89508	8
ndida albicans derived from ATCC® 2091™* 89510	0
ostridium sporogenes derived from ATCC® 11437™* 89513	3
ostridium sporogenes derived from ATCC® 19404™* 89514	4
terobacter aerogenes derived from ATCC® 13048™* 89510	6
terococcus faecalis derived from ATCC® 29212™* 89512	7
terococcus faecalis derived from ATCC® 7080™* 89518	8
cherichia coli derived from ATCC® 8739™* 89519	9
obacillus stearothermophilus derived from ATCC® 12980™* 8952°	1
obacillus stearothermophilus derived from ATCC® 7953™* 89522	2
curia rhizophila derived from ATCC® 9341™* 89523	3
ctobacillus fermentum derived from ATCC® 9338™*	4
teria monocytogenes derived from ATCC® 19115™*	5 serotype 4b
crococcus luteus derived from ATCC® 4698™* 89520	6
eudomonas aeruginosa derived from ATCC® 27853™* 89523	7
eudomonas aeruginosa derived from ATCC® 9027™* 89528	8
<i>Imonella enterica</i> subsp. enterica serovar Typhimurium derived from ATCC® 14028™* 8953	1
<i>Imonella enterica</i> subsp. enterica serovar Typhimurium derived from ATCC® 13311™* 89530	0
phylococcus aureus subsp. aureus derived from ATCC® 25923™* 89533	recommended for CAMP test
phylococcus aureus derived from ATCC® 6538 TM * 8953!	5
phylococcus aureus derived from ATCC® 6538P TM * 8953	4
phylococcus epidermidis derived from ATCC® 12228™* 8953.	7
eptococcus pyogenes derived from ATCC® 19615™* 89536	8 group A



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