







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 (2 mL) allows 19 inocula.

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 <p>1.</p>	 <p>2.</p>
<p>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.</p>	<p>While the pellets are equilibrating, prewarm the hydrating fluid to 34-38°C (at least 30 minutes).</p>
 <p>3.</p>	 <p>4.</p>
<p>With a sterile forceps, transfer the pellet into the 2 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.</p>	<p>Immediately recap the vial with the hydrated material and place into a 34-38 °C incubator for 30 minutes to ensure complete hydration.</p>
 <p>5.</p>	 <p>6.</p>
<p>Immediately following incubation, vortex the hydrated material until pellets have completely dissolved and suspension is homogeneous.</p>	<p>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 numbers 89505 and 89512 which must be used within 30 minutes.</p>
<p>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.</p>	



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Microbiology Products since 1983

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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

Description	Ref.	notes
<i>Aspergillus brasiliensis</i> ATCC® 16404™*	89501	
<i>Bacillus cereus</i> ATCC® 10876™*	89502	
<i>Bacillus subtilis</i> subsp. <i>spizizenii</i> ATCC® 6633™*	89503	
<i>Bacteroides fragilis</i> ATCC® 25285™*	89505	
<i>Bifidobacterium animalis</i> subsp. <i>animalis</i> ATCC® 25527™*	89539	
<i>Brevundimonas diminuta</i> ATCC® 19146™*	89506	
<i>Burkholderia cepacia</i> ATCC® 25416™*	89507	
<i>Candida albicans</i> ATCC® 10231™*	89508	
<i>Candida albicans</i> ATCC® 14053™*	89509	
<i>Candida albicans</i> ATCC® 2091™*	89510	
<i>Clostridium perfringens</i> ATCC® 13124™*	89512	
<i>Clostridium sporogenes</i> ATCC® 11437™*	89513	
<i>Clostridium sporogenes</i> ATCC® 19404™*	89514	
<i>Enterobacter aerogenes</i> ATCC® 13048™*	89516	
<i>Enterococcus faecalis</i> ATCC® 29212™*	89517	
<i>Enterococcus faecalis</i> ATCC® 7080™*	89518	
<i>Escherichia coli</i> ATCC® 8739™*	89519	
<i>Geobacillus stearothermophilus</i> ATCC® 12980™*	89521	
<i>Geobacillus stearothermophilus</i> ATCC® 7953™*	89522	
<i>Kocuria rhizophila</i> ATCC® 9341™*	89523	
<i>Lactobacillus fermentum</i> ATCC® 9338™*	89524	
<i>Listeria monocytogenes</i> ATCC® 19115™*	89525	serotype 4b
<i>Micrococcus luteus</i> ATCC® 4698™*	89526	
<i>Pseudomonas aeruginosa</i> ATCC® 27853™*	89527	
<i>Pseudomonas aeruginosa</i> ATCC® 9027™*	89528	
<i>Salmonella enterica</i> subsp. <i>enterica</i> serovar Choleraesuis ATCC® 10708™*	89529	
<i>Salmonella enterica</i> subsp. <i>enterica</i> serovar Typhimurium ATCC® 14028™*	89531	
<i>Salmonella enterica</i> subsp. <i>enterica</i> serovar Typhimurium ATCC® 13311™*	89530	
<i>Salmonella enterica</i> subsp. <i>enterica</i> serovar Abony NCTC 6017	89532	
<i>Staphylococcus aureus</i> subsp. <i>aureus</i> ATCC® 25923™*	89533	recommended for CAMP test
<i>Staphylococcus aureus</i> ATCC® 6538™*	89535	
<i>Staphylococcus aureus</i> ATCC® 6538P™*	89534	
<i>Staphylococcus epidermidis</i> ATCC® 12228™*	89537	
<i>Streptococcus pyogenes</i> ATCC® 19615™*	89538	group A

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