

MICRO PANELS

PHARMACEUTICAL TESTING PANELS

ATCC's pharmaceutical testing panels are composed of authenticated quality control strains cited by the United States Pharmacopeia (USP) for use as test organisms. Each panel is offered at bulk discount pricing, allowing you to take advantage of cost savings when compared to individual items.

ANTIMICROBIAL EFFECTIVENESS PANEL

The ATCC Antimicrobial Effectiveness Panel ([ATCC® MP-33™](#)) comprises the five microbial challenge organisms cited in United States Pharmacopeia chapter 51 (USP <51>) for use in evaluating the efficacy of antimicrobial preservatives added to aqueous pharmaceutical products.

MICROBIAL ENUMERATION OF NONSTERILE PRODUCTS PANEL

The ATCC Microbial Enumeration of Nonsterile Products Panel ([ATCC® MP-34™](#)) comprises the five microbial challenge organisms cited in United States Pharmacopeia chapter 61 (USP <61>) for use in evaluating the number of viable microorganisms in a nonsterile product.

MICROBIOLOGICAL TESTS FOR SPECIFIED MICROORGANISMS IN NONSTERILE PRODUCTS PANEL

The ATCC Microbial Tests for Specified Microorganisms in Nonsterile Products Panel ([ATCC® MP-35™](#)) comprises the seven microbial challenge organisms cited in United States Pharmacopeia chapter 62 (USP <62>) for use in evaluating presence of objectionable microorganisms in nonsterile products.

ATCC® No.	Organism	Strain Designation	USP <51> (ATCC® MP-33™)	USP <61> (ATCC® MP-34™)	USP <62> (ATCC® MP-35™)
16404™	<i>Aspergillus brasiliensis</i>	WLRI 034(120)	✓	✓	
6633™	<i>Bacillus spizizenii</i>	NRS 231		✓	
10231™	<i>Candida albicans</i>	3147	✓	✓	✓
11437™	<i>Clostridium sporogenes</i>	L.S. McClung 2006			✓
19404™	<i>Clostridium sporogenes</i>	SR 5			✓
8739™	<i>Escherichia coli</i>	Crooks	✓		✓
9027™	<i>Pseudomonas paraeruginosa</i>	R. Hugh 813	✓	✓	✓
14028™	<i>Salmonella enterica</i> subsp. <i>enterica</i> serovar Typhimurium	CDC 6516-60			✓
6538™	<i>Staphylococcus aureus</i> subsp. <i>aureus</i>	FDA 209	✓	✓	✓