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LIFE SCIENCE RESEARCH
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ATCC GENUINE CULTURES® FOR PHARMACEUTICAL MICROBIOLOGY

Pharmaceutical companies are well versed in the important role of microbiological testing in its basic functions – product research and development, process validation, manufacturing and quality control.

The pharmaceutical industry looks to ATCC to provide top-quality, fully characterized strains necessary to maintain the highest levels of product integrity and reputation. With ATCC Genuine Cultures®, pharmaceutical customers can rely on:

POLYPHASIC IDENTIFICATION AND STRAIN CHARACTERIZATION

Whenever possible, ATCC balances traditional biochemical testing methods with automated phenotypic and genotypic analysis. This provides highly accurate identification across a wide array of microorganisms and can help avoid the pitfalls of misidentification, painful recalls and regulatory repercussions.

PROPRIETARY SYSTEMS FOR MANAGING STRAIN STOCKS

Each vial contains a minimal passage descendant of the original material and has been handled only by ATCC.

METICULOUS PROPAGATION, PRESERVATION AND STORAGE PROTOCOLS

Our laboratory procedures maintain strains carefully, safely and effectively to ensure optimal viability, backed by our warranty.

ROBUST QUALITY SYSTEMS

ATCC is an ISO 9001:2008 certified, ISO 17025:2005 and ISO Guide 34:2009 accredited organization.

OVER 85 YEARS OF SERVICE

ATCC is a trusted scientific resource. Our customer and technical service teams, as well as our global network of authorized distributors understand the complexities of distributing and supporting microbial cultures worldwide.

This document provides a handy reference of ATCC Genuine Cultures available for key pharmaceutical applications.

Strains are listed in two ways:

- Pages 2 -5 list strains specified by United States Pharmacopeia (USP) or European Pharmacopoeia (EP) official microbial assays
- Pages 5 -7 list strains alphabetically by genus and species

Official Microbial Assays: United States Pharmacopeia (USP)

Application	ATCC® No.
USP CHAPTER: <1211> STERILIZATION AND STERILITY ASSURANCE OF COMPENDIAL ARTICLES, USP 34-NF29, 2011	
Geobacillus stearothermophilus	7953™
Bacillus atrophaeus NRS 1221A	9372™
USP CHAPTER:<1072> DISINFECTANTS AND ANTISEPTICS, USP 34-NF29, 2011	
Bacillus subtilis PRD 66	19659™
Candida albicans 132	2091™
Candida albicans 3147	10231™
Escherichia coli AMC 198	11229™
Penicillium chrysogenum Wis. 49-133	11709™
Pseudomonas aeruginosa PRD-10	15442™
Aspergillus brasiliensis WLRI 034(120)	16404™
Staphylococcus aureus subsp. *aureus* FDA 209	6538™
USP DIETARY SUPPLEMENT CHAPTER: <2021>MICROBIAL ENUMERATION TESTS - NUTRITIONAL AND DIETARY SUPPLEMENTS, USP 34-NF29, 2011	
Candida albicans 3147	10231™
Salmonella enterica subsp. *enterica*	13311™
Aspergillus brasiliensis WLRI 034(120)	16404™
Staphylococcus aureus subsp. *aureus* FDA 209	6538™
Bacillus subtilis subsp. *spizizenii* NRS 231	6633™
Escherichia coli Crooks	8739™
Pseudomonas aeruginosa R. Hugh 813	9027™
USP CHAPTER: <1211> STERILIZATION AND STERILITY ASSURANCE OF COMPENDIAL ARTICLES, USP 34- NF29, 2011	
Serratia marcescens PCI 1107	14756™
Brevundimonas diminuta FDA strain PCI 818	19146™
USP CHAPTER: <81> ANTIBIOTICS – MICROBIAL ASSAYS, USP 34-NF29, 2011	
Klebsiella pneumoniae subsp. *pneumoniae*	10031™
Micrococcus luteus 130.21	10240™
Escherichia coli MacLeod	10536™
Enterococcus hirae FDA M19	10541™
Staphylococcus epidermidis FDA strain PCI 1200	12228™
Pseudomonas aeruginosa	25619™
Saccharomyces cerevisiae	2601™
Staphylococcus aureus subsp. *aureus* FDA	29737™
Bordetella bronchiseptica NRRL B-140	4617™
Mycobacterium smegmatis	607™
Bacillus subtilis subsp. *spizizenii* NRS 231	6633™
Staphylococcus aureus subsp. *aureus* 3R7089 strain Oxford	9144™
Kocuria rhizophila FDA strain PCI 1001	9341™
Saccharomyces cerevisiae	9763™
USP CHAPTER: <51> ANTIMICROBIAL EFFECTIVENESS TESTING, USP 34-NF29, 2011	
Candida albicans 3147	10231™
Aspergillus brasiliensis WLRI 034(120)	16404™
Staphylococcus aureus subsp. *aureus* FDA 209	6538™
Escherichia coli Crooks	8739™
Pseudomonas aeruginosa R. Hugh 813	9027™
USP CHAPTER: <1035> BIOLOGICAL INDICATORS, USP 34- NF29, 2011	
Bacillus stearothermophilus NCA 26	12980™
Geobacillus stearothermophilus	7953™
USP MONOGRAPHS: BIOLOGICAL INDICATORS FOR DRY HEAT STERILIZATION, PAPER CARRIER, USP 34-NF29, 2011	
Bacillus atrophaeus NRS 1221A	9372™

Official Microbial Assays: United States Pharmacopeia (USP)

Application	ATCC® No.
USP DIETARY SUPPLEMENTS: CHONDROITIN SULFATE SODIUM, USP 34-NF29, 2011	
Clostridium sporogenes L.S. McClung 2006	11437™
USP CHAPTER: <61> MICROBIOLOGICAL EXAMINATION OF NONSTERILE PRODUCTS: MICROBIAL ENUMERATION TESTS, USP 34- NF29, 2011	
Candida albicans 3147	10231™
Aspergillus brasiliensis WLRI 034(120)	16404™
Staphylococcus aureus subsp. *aureus* FDA 209	6538™
Bacillus subtilis subsp. *spizizenii* NRS 231	6633™
Pseudomonas aeruginosa R. Hugh 813	9027™
USP CHAPTER: <62> MICROBIOLOGICAL EXAMINATION OF NONSTERILE PRODUCTS: TESTS FOR SPECIFIED MICROORGANISMS, USP 34- NF29, 2011	
Candida albicans 3147	10231™
Clostridium sporogenes L.S. McClung 2006	11437™
Salmonella enterica subsp. *enterica* CDC 6516-60	14028™
Clostridium sporogenes	19404™
Staphylococcus aureus subsp. *aureus* FDA 209	6538™
Escherichia coli Crooks	8739™
Pseudomonas aeruginosa R. Hugh 813	9027™
USP CHAPTER: <63> MYCOPLASMA TESTS, USP 34-NF29, 2011	
Mycoplasma laidlawii PG8	23206™
Mycoplasma gallisepticum PG 31	19610™
Mycoplasma fermentans PG 18	19989™
Mycoplasma hyorhinis BTS-7	17981™
Mycoplasma orale CH 19299	23714™
Mycoplasma pneumoniae FH strain of Eaton Agent	15531™
Mycoplasma synoviae WVU 1853	25204™
USP DIETARY SUPPLEMENTS: OIL AND WATER-SOLUBLE VITAMINS WITH MINERAL TABLETS, USP 34-NF29, 2011	
Lactobacillus delbrueckii subsp. *lactis* 313	7830™
Lactobacillus plantarum 17-5	8014™
USP MONOGRAPHS: PENICILLAMINE, USP 34-NF29, 2011	
Kocuria rhizophila FDA strain PCI 1001	9341™
USP MONOGRAPHS: PENICILLIN G PROCAINE AND NOVOBIOCIN SODIUM INTRAMAMMARY INFUSION, USP 34-NF29, 2011	
Staphylococcus aureus subsp. *aureus* PCI 1209/N	12692™
USP CHAPTER: <71> STERILITY TESTS, USP 34-NF29, 2011	
Candida albicans 3147	10231™
Clostridium sporogenes L.S. McClung 2006	11437™
Aspergillus brasiliensis WLRI 034(120)	16404™
Clostridium sporogenes	19404™
Staphylococcus aureus subsp. aureus FDA 209	6538™
Bacillus subtilis subsp. *spizizenii* NRS 231	6633™
Bacteroides vulgatus	8482™
Pseudomonas aeruginosa R. Hugh 813	9027™
Kocuria rhizophila FDA strain PCI 1001	9341™
USP CHAPTER: <1211> STERILIZATION AND STERILITY ASSURANCE OF COMPENDIAL ARTICLES, USP 34-NF29, 2011	
Bacillus pumilus E601	27142™
USP MONOGRAPHS: TETRACYCLINE HYDROCHLORIDE AND NOVOBIOCIN SODIUM TABLETS, USP 34-NF29, 2011	
Escherichia coli MacLeod	10536™
USP 34-NF29, TETRACYCLINE HYDROCHLORIDE AND NOVOBIOCIN SODIUM TABLETS	
Staphylococcus aureus subsp. *aureus* FDA	29737™
USP DIETARY SUPPLEMENTS: WATER-SOLUBLE VITAMINS CAPSULES, USP 34-NF29, 2011	
Pediococcus acidilactici	8042™

Official Microbial Assays: United States Pharmacopeia (USP) (cont.)

Application	ATCC® No.
USP CHAPTER: <91> CALCIUM PANTOTHENATE ASSAY, USP 34-NF29, 2011	
Lactobacillus plantarum 17-5	8014™
USP CHAPTER: <1046> CELL AND GENE THERAPY PRODUCTS - ANALYTICAL METHODOLOGIES, USP 34-NF29, 2011	
Hybrid Moloney/Amphotropic Murine leukemia virus (Mo/A-MuLv) 4070A envelope strain	VR-1448™
Hybrid Moloney/Amphotropic Murine leukemia virus (Mo/A-MuLv) 4070A envelope strain	VR-1450™
USP CHAPTER: <115> DEXPANTHENOL ASSAY, USP 34-NF29, 2011	
Pediococcus acidilactici	8042™
USP CHAPTER: <171> VITAMIN B12 ACTIVITY ASSAY, USP 34-NF29, 2011	
Lactobacillus delbrueckii subsp. *lactis* 313	7830™
USP CHAPTER: <441> NIACIN OR NIACINAMIDE ASSAY, USP 34-NF29, 2011	
Lactobacillus plantarum 17-5	8014™
USP MONOGRAPHS: BIOLOGICAL INDICATOR FOR STEAM STERILIZATION, PAPER CARRIER, USP 34-NF29, 2011	
Bacillus stearothermophilus NCA 26	12980™
Geobacillus stearothermophilus	7953™

Official Microbial Assays: European Pharmacopoeia (EP)

Application	ATCC® No.
EP 5.1.3 EFFICACY OF ANTIMICROBIAL PRESERVATION	
Candida albicans 3147	10231™
Aspergillus brasiliensis WLRI 034(120)	16404™
Escherichia coli Crooks	8739™
Pseudomonas aeruginosa R. Hugh 813	9027™
Candida albicans 3147	10231™
EP 5.6 2.6.1 STERILITY	
Aspergillus brasiliensis WLRI 034(120)	16404™
Clostridium sporogenes	19404™
Candida albicans 132	2091™
Staphylococcus aureus subsp. *aureus* Rosenbach FDA 209	6538™
Bacillus subtilis subsp. *spizizenii* NRS 231	6633™
Pseudomonas aeruginosa R. Hugh 813	9027™
Salmonella enterica subsp. *enterica* serovar Abony	BAA-2162™
EP 5.6 2.6.27 MICROBIOLOGICAL CONTROL OF CELLULAR PRODUCTS	
Candida albicans 3147	10231™
Clostridium sporogenes L.S. McClung 2006	11437™
Propionibacterium acnes Gerath	11827™
Aspergillus brasiliensis WLRI 034(120)	16404™
Clostridium sporogenes	19404™
Streptococcus pyogenes Bruno	19615™
Bacteroides fragilis VPI 2553	25285™
Staphylococcus aureus subsp. *aureus* Rosenbach FDA 209	6538™
Bacillus subtilis subsp. *spizizenii* NRS 231	6633™
Pseudomonas aeruginosa R. Hugh 813	9027™
Yersinia enterocolitica subsp. *enterocolitica* 33114	9610™
EP 5.6 2.6.7 MYCOPLASMAS	
Mycoplasma hyorhinis BTS-7	17981™
Mycoplasma gallisepticum PG31	19610™
Mycoplasma orale CH 19299	23714™
Mycoplasma synoviae WVU 1853	25204™
Acholeplasma laidlawii PG8	23206™

Official Microbial Assays: European Pharmacopoeia (EP) (cont.)

Application	ATCC® No.
EP 5.6 2.7.2 MICROBIOLOGICAL ASSAYS OF ANTIBIOTICS	
Klebsiella pneumoniae subsp. *pneumoniae*	10031™
Micrococcus luteus 130.21	10240™
Escherichia coli MacLeod	10536™
Enterococcus hirae FDA M19	10541™
Bacillus subtilis	11774™
Staphylococcus epidermidis FDA strain PCI 1200	12228™
Bacillus pumilus	14884™
Bordetella bronchiseptica	4617™
Mycobacterium smegmatis	607™
Staphylococcus aureus subsp. *aureus* FDA 209	6538™
Bacillus subtilis subsp. *spizizenii* NRS 231	6633™
Staphylococcus aureus subsp. *aureus* 3R7089 strain Oxford	9144™
Kocuria rhizophila FDA strain PCI 1001	9341™
Escherichia coli 397E	9637™
Saccharomyces cerevisiae	9763™
EP 5.6 5.1.2 BIOLOGICAL INDICATORS OF STERILIZATION	
Bacillus pumilus E601	27142™
Geobacillus stearothermophilus	7953™
Bacillus atrophaeus NRS 1221A	9372™
Candida albicans 3147	10231™
EP 6.5 2.6.12 MICROBIAL EXAMINATION OF NON-STERILE PRODUCTS: MICROBIAL ENUMERATION TESTS	
Staphylococcus aureus subsp. *aureus* FDA 209	6538™
Bacillus subtilis subsp. *spizizenii* NRS 231	6633™
Pseudomonas aeruginosa R. Hugh 813	9027™
Salmonella enterica subsp. *enterica* serovar Abony	BAA-2162™
Aspergillus brasiliensis WLRI 034(120)	16404™
Candida albicans 3147	10231™
EP 6.5 2.6.13 MICROBIAL EXAMINATION OF NON-STERILE PRODUCTS: TEST FOR SPECIFIED MICRO-ORGANISMS	
Clostridium sporogenes L.S. McClung 2006	11437™
Salmonella enterica subsp. *enterica* CDC 6516-60	14028™
Clostridium sporogenes	19404™
Salmonella enterica subsp. *enterica* serovar Abony	BAA-2162™
Staphylococcus aureus subsp. *aureus* FDA 209	6538™
Escherichia coli Crooks	8739™
Pseudomonas aeruginosa R. Hugh 813	9027™

Strains for Pharmaceutical Microbiology

Strain	ATCC® No.	Application
Acholeplasma laidlawii PG8	23206™	EP 5.6 2.6.7 Mycoplasmas, USP Chapter <63>, Mycoplasma test
Aspergillus brasiliensis WLRI 034(120)	16404™	EP 5.1.3 Efficacy of antimicrobial preservation; EP 5.6 2.6.1 Sterility; EP 5.6 2.6.27 Microbiological Control of Cellular Products; EP 6.5 2.6.12 Microbial examination of non-sterile products: Microbial Enumeration Tests; USP 34 Disinfectants and Antiseptics <1072> ; USP 34 Microbial limit tests – Dietary supplements - Preparatory testing, Growth Promotion Testing <2021>; <51> Antimicrobial Effectiveness Testing, USP 34-NF29, 2011.; USP 34, Microbiological Examination of Nonsterile Products: Microbial Enumeration Tests <61>; Sterility Tests <71> USP 34-NF29, 2011
Bacillus atrophaeus NRS 1221A	9372™	EP 5.6 5.1.2 Biological indicators of sterilization; Sterilization and sterility assurance of compendial articles <1211>; USP Biological Indicators, <1035>; Biological Indicator for Dry-Heat Sterilization, Paper Carrier, USP 34-NF29, 2011
Bacillus pumilus E601	27142™	EP 5.6 5.1.2 Biological indicators of sterilization; USP Chapter<1211>, Sterilization and sterility assurance of compendial articles

Strains for Pharmaceutical Microbiology (cont.)

Strain	ATCC® No.	Application
Bacillus pumilus	14884™	EP 5.6 2.7.2 Microbiological assays of antibiotics
Bacillus stearothermophilus NCA 26	12980™	USP Biological Indicators for Steam Sterilization, Paper Carrier. USP 34-NF29, 2011
Bacillus subtilis	11774™	EP 5.6 2.7.2 Microbiological assays of antibiotics
Bacillus subtilis PRD 66	19659™	USP Chapter <1072> Disinfectants and Antiseptics
Bacillus subtilis subsp. *spizizenii* NRS 231	6633™	EP 5.6 2.6.1 Sterility; EP 5.6 2.6.27 Microbiological Control of Cellular Products; EP 5.6 2.7.2 Microbiological assays of antibiotics; EP 6.5 2.6.12 Microbial examination of non-sterile products: Microbial Enumeration Tests; EP 6.5 2.6.13 Microbial examination; USP 34 Microbial limit tests – Dietary supplements - Preparatory testing, Growth Promotion Testing <2021>; <81> Antibiotics – Microbial Assays, USP 34-NF29, 2011; USP 34, Microbiological Examination of Nonsterile Products: Microbial Enumeration Tests <61>; <71> Sterility Tests USP 34-NF29, 2011.
Bacteroides fragilis VPI 2553	25285™	EP 5.6 2.6.27 Microbiological Control of Cellular Products
Bacteroides vulgatus	8482™	USP Chapter <71> Sterility Tests USP 34-NF29, 2011
Bordetella bronchiseptica NRRL B-140	4617™	EP 5.6 2.7.2 Microbiological assays of antibiotics; USP Chapter <81> Antibiotics – Microbial Assays, USP 34-NF29, 2011
Brevundimonas diminuta FDA strain PCI 818	19146™	USP Chapter <1211> Sterilization and sterility assurance of compendial articles. USP 34-NF29, 2011
Candida albicans 3147	10231™	EP 5.1.3 Efficacy of antimicrobial preservation; EP 5.6 2.6.1 Sterility; EP 5.6 2.6.27 Microbiological Control of Cellular Products; EP 6.5 2.6.12 Microbial examination of non-sterile products: Microbial Enumeration Tests; EP 6.5 2.6.13 Microbial examination of non-sterile products: Test for Specified Micro-organisms; USP Chapter <1072> Disinfectants and Antiseptics ; USP 34 Microbial limit tests – Dietary supplements - Preparatory testing, Growth Promotion Testing <2021>; <51> Antimicrobial Effectiveness Testing, USP 34-NF29, 2011. ; USP 34, Microbiological Examination of Nonsterile Products: Microbial Enumeration Tests <61>; USP 34, Microbiological Examination of Nonsterile Products: Tests for Specified Microorganisms <62>; Sterility Tests <71> USP 34-NF29, 2011
Candida albicans 132	2091™	EP 5.6 2.6.1 Sterility; USP Chapter <1072> Disinfectants and Antiseptics
Clostridium sporogenes L.S. McClung 2006	11437™	EP 5.6 2.6.27 Microbiological Control of Cellular Products; EP 6.5 2.6.13 Microbial examination of non-sterile products: Test for Specified Micro-organisms; USP 34, Chondroitin Sulfate Sodium; USP 34, Microbiological Examination of Nonsterile Products: Tests for Specified Microorganisms <62>; Sterility Tests <71> USP 34-NF29, 2011; Dietary Supplements: Chondroitin Sulfate Sodium, USP 34-NF29, 2011
Clostridium sporogenes	19404™	EP 5.6 2.6.1 Sterility; EP 5.6 2.6.27 Microbiological Control of Cellular Products; EP 6.5 2.6.13 Microbial examination of non-sterile products: Test for Specified Micro-organisms; USP 34, Chondroitin Sulfate Sodium; USP 34, Microbiological Examination of Nonsterile Products: Test; USP 34, Microbiological Examination of Nonsterile Products: Tests for Specified Microorganisms <62>; <71> Sterility Tests USP 34-NF29, 2011
Enterococcus hirae FDA M19	10541™	EP 5.6 2.7.2 Microbiological assays of antibiotics; USP Chapter <81> Antibiotics – Microbial Assays, USP 34-NF29, 2011
Escherichia coli MacLeod	10536™	EP 5.6 2.7.2 Microbiological assays of antibiotics; USP Chapter <81> Antibiotics – Microbial Assays, USP 34-NF29, 2011; Tetracycline Hydrochloride and Novobiocin Sodium Tablets. USP 34-NF29, 2011
Escherichia coli AMC 198	11229™	USP Chapter <1072> Disinfectants and Antiseptics USP 34- NF29,2011
Escherichia coli Crooks	8739™	EP 5.1.3 Efficacy of antimicrobial preservation; EP 6.5 2.6.13 Microbial examination of non-sterile products: Test for Specified Micro-organisms; USP 34, Microbiological Examination of Nonsterile Products: Tests for Specified Microorganisms <62>; USP 34 Microbial limit tests – Dietary supplements - Preparatory testing, Growth Promotion Testing <2021>; <51> Antimicrobial Effectiveness Testing, USP 34-NF29, 2011; USP 34, Microbiological Examination of Nonsterile Products: Tests for Specified Microorganisms <62>
Escherichia coli 397E	9637™	EP 5.6 2.7.2 Microbiological assays of antibiotics
Geobacillus stearothermophilus	7953™	EP 5.6 5.1.2 Biological indicators of sterilization; Sterilization and sterility assurance of compendial articles USP Chapter <1211>; Biological Indicators for Steam Sterilization, Paper Carrier. USP 34-NF29, 2011
Hybrid Moloney/Amphotropic murine leukemia virus (Mo/A-MuLv) 4070A envelope strain	VR-1448™	USP Chapter:<1046> Cell and Gene Therapy Products - Analytical Methodologies, USP 34-NF29, 2011
Hybrid Moloney/Amphotropic murine leukemia virus (Mo/A-MuLv) 4070A envelope strain	VR-1450™	USP Chapter:<1046> Cell and Gene Therapy Products - Analytical Methodologies, USP 34-NF29, 2011
Klebsiella pneumoniae subsp. *pneumoniae*	10031™	EP 5.6 2.7.2 Microbiological assays of antibiotics; USP Chapter <81> Antibiotics – Microbial Assays, USP 34-NF29, 2011
Kocuria rhizophila FDA strain PCI 1001	9341™	EP 5.6 2.7.2 Microbiological assays of antibiotics; USP Chapter <81> Antibiotics – Microbial Assays, USP 34-NF29, 2011; Penicillamine USP 34-NF29, 2011; <71> Sterility Tests USP 34-NF29, 2011
Lactobacillus delbrueckii subsp. *lactis* 313	7830™	USP Dietary Supplements: Oil-and Water-Soluble Vitamins with Minerals Tablets, <171> Vitamin B12 Activity Assay. USP 34-NF29, 2011

Strains for Pharmaceutical Microbiology (cont.)

Strain	ATCC® No.	Application
Lactobacillus plantarum 17-5	8014™	USP Chapter <91> Calcium Pantothenate Assay, USP 34-NF29, 2011; Dietary Supplements: Oil-and Water-Soluble Vitamins with Minerals Tablets, USP 34-NF29, 2011.; <441> Niacin or Niacinamide Assay. USP 34-NF29, 2011
Micrococcus luteus 130.21	10240™	EP 5.6 2.7.2 Microbiological assays of antibiotics; USP Chapter <81> Antibiotics – Microbial Assays, USP 34-NF29, 2011
Mycobacterium smegmatis	607™	EP 5.6 2.7.2 Microbiological assays of antibiotics; USP Chapter <81> Antibiotics – Microbial Assays, USP 34-NF29, 2011
Mycoplasma fermentant PG 18	19989™	USP Chapter <63> Mycoplasma test
Mycoplasma gallisepticum PG31	19610™	EP 5.6 2.6.7 Mycoplasmas; USP Chapter <63> Mycoplasma test
Mycoplasma hyorhinis BTS-7	17981™	EP 5.6 2.6.7 Mycoplasmas; USP Chapter <63> Mycoplasma test
Mycoplasma orale CH 19299	23714™	EP 5.6 2.6.7 Mycoplasmas; USP Chapter <63> Mycoplasma test
Mycoplasma pneumoniae FH strain of Eaton Agent	15531™	EP 5.6 2.6.7 Mycoplasmas; USP Chapter <63> Mycoplasma test
Mycoplasma synoviae WVU 1853	25204™	EP 5.6 2.6.7 Mycoplasmas; USP Chapter <63> Mycoplasma test
Pediococcus acidilactici	8042™	Dietary Supplements: Water-soluble Vitamins Capsules USP 34-NF29, 2011. USP Chapter <115> Dexpanthenol Assay.
Penicillium chrysogenum Wis. 49-133	11709™	USP Chapter <1072> Disinfectants and Antiseptics
Propionibacterium acnes Gerath	11827™	EP 5.6 2.6.27 Microbiological Control of Cellular Products
Pseudomonas aeruginosa PRD-10	15442™	USP Chapter <1072> Disinfectants and Antiseptics
Pseudomonas aeruginosa	25619™	USP Chapter <81> Antibiotics – Microbial Assays, USP 34-NF29, 2011
Pseudomonas aeruginosa R. Hugh 813	9027™	EP 5.1.3 Efficacy of antimicrobial preservation; EP 5.6 2.6.1 Sterility; EP 5.6 2.6.27 Microbiological Control of Cellular Products; EP 6.5 2.6.13 Microbial examination of non-sterile products: Test for Specified Micro-organisms; USP 34, Chondroitin Sulfate Sodium; USP, Microbiological Examination of Nonsterile Products: Test; EP 6.5 2.6.12 Microbial examination of non-sterile products: Microbial Enumeration Tests; EP 6.5 2.6.13 Microbial examination of non-sterile products: Test for Specified Micro-organisms; USP, Microbiological Examination of Nonsterile Products: Tests for Specified Microorganisms <62>; USP 34 Microbial limit tests – Dietary supplements - Preparatory testing, Growth Promotion Testing <2021>; <51> Antimicrobial Effectiveness Testing, USP 34-NF29, 2011; USP 34, Microbiological Examination of Nonsterile Products: Microbial Enumeration Tests <61>; USP 34, Microbiological Examination of Nonsterile Products: Tests for Specified Microorganisms <62>; <71> Sterility Tests USP 34-NF29, 2011
Saccharomyces cerevisiae	2601™	USP Chapter <81> Antibiotics – Microbial Assays, USP 34-NF29, 2011
Saccharomyces cerevisiae	9763™	EP 5.6 2.7.2 Microbiological assays of antibiotics; USP Chapter <81> Antibiotics – Microbial Assays, USP 34-NF29, 2011
Salmonella enterica subsp. *enterica*	13311™	USP Microbial limit tests – Dietary supplements - Preparatory testing, Growth Promotion Testing <2021>
Salmonella enterica subsp. *enterica* CDC 6516-60	14028™	EP 6.5 2.6.13 Microbial examination of non-sterile products: Test for Specified Micro-organisms; USP Chapter <62>, Microbiological Examination of Nonsterile Products: Tests for Specified Micro-organisms
Salmonella enterica subsp. *enterica* serovar Abony	BAA-2162™	USP Chapter <62> Microbiological examination of non-sterile products: tests for specified microorganisms, EP 2.6.1 Sterility testing, 2.6.12 and 2.6.13 Microbiological testing of non-sterile products
Serratia marcescens PCI 1107	14756™	USP Chapter <1211> Sterilization and sterility assurance of compendial articles. USP 28-NF23, 2005
Staphylococcus aureus subsp. *aureus* PCI 1209/N	12692™	Penicillin G Procaine and Novobiocin Sodium Intramammary Infusion. USP 34-NF29, 2011
Staphylococcus aureus subsp. *aureus* FDA	29737™	USP Chapter <81> Antibiotics – Microbial Assays, USP 34-NF29, 2011; USP 34, Tetracycline Hydrochloride and Novobiocin Sodium Tablets
Staphylococcus aureus subsp. *aureus* 3R7089 strain Oxford	9144™	EP 5.6 2.7.2 Microbiological assays of antibiotics; USP Chapter <81> Antibiotics – Microbial Assays, USP 34-NF29, 2011
Staphylococcus aureus subsp. *aureus* FDA 209	6538™	EP 5.6 2.6.1 Sterility testing; EP 5.6 2.6.27 Microbiological Control of Cellular Products; EP 5.6 2.7.2 Microbiological assays of antibiotics; EP 6.5 2.6.12 Microbial examination of non-sterile products: Microbial Enumeration Tests; EP 6.5 2.6.13 Microbial examination of non-sterile products: Test for Specified Micro-organisms; USP 34 Disinfectants and Antiseptics <1072> ; USP 34 Microbial limit tests – Dietary supplements - Preparatory testing, Growth Promotion Testing <2021>; <51> Antimicrobial Effectiveness Testing, USP 34-NF29, 2011.; USP 34, Microbiological Examination of Nonsterile Products: Microbial Enumeration Tests <61>; USP 34, Microbiological Examination of Nonsterile Products: Tests for Specified Microorganisms <62>; <71> Sterility Tests USP 34-NF29, 2011
Staphylococcus epidermidis FDA strain PCI 1200	12228™	EP 5.6 2.7.2 Microbiological assays of antibiotics; USP Chapter <81> Antibiotics – Microbial Assays, USP 34-NF29, 2011
Streptococcus pyogenes Bruno	19615™	EP 5.6 2.6.27 Microbiological Control of Cellular Products
Yersinia enterocolitica subsp. *enterocolitica* 33114	9610™	EP 5.6 2.6.27 Microbiological Control of Cellular Products

Please visit our website **www.atcc.org** for more resources to help you in your pharmaceutical-related research applications.

ATCC STANDARDS RESOURCE

The ATCC Standards Resource is a web-based search tool by which procedural standards and commercial identification systems are cross-referenced with recommended ATCC cultures. Search for:

- Standards from organizations and agencies such as CLSI, ASTM International, USP, USDA, FDA, AOAC, and BSI-Global
- Commercial identification systems from companies including bioMérieux, Biolog, Dade, Behring, DuPont, Qualicon and others

ATCC RELATED PRODUCTS

Value-added microbial reagents such as our microbial freeze media and dupplements as well as nucleic acids offer convenience while saving time and money.

- Mycoplasma Growth Supplement (ATCC® No. 20-2206 and 20-2207) and TSB with 10% glycerol (ATCC® No. 20-2200)
- Genomic DNA and RNA from well-characterized and authenticated microbial strains

ATCC BIOSERVICES

ATCC can provide effective custom solutions for industry, government, and academic projects. We offer:

- Viral production and titration services for over 2700 virus strains
- Bacterial production and titration services
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