



CERTIFICATE OF ACCREDITATION

The ANSI National Accreditation Board

Hereby attests that

American Type Culture Collection (ATCC)
10801 University Blvd.
Manassas, VA 20110
(and the satellite location listed on the scope)

Fulfills the requirements of

ISO 17034:2016

In the field of

REFERENCE MATERIAL PRODUCER

This certificate is valid only when accompanied by a current scope of accreditation document.
The current scope of accreditation can be verified at www.anab.org.

Jason Stine, Vice President

Expiry Date: 17 March 2027

Certificate Number: AR-1384



This reference material producer is accredited in accordance with the recognized International Standard ISO 17034:2016.
This accreditation demonstrates technical competence for a defined scope and the operation of a reference material producer
quality management system.



SCOPE OF ACCREDITATION TO ISO 17034:2016

American Type Culture Collection (ATCC)

10801 University Blvd., Manassas, VA 20110

Michelle Sherman 703-365-2700

msherman@atcc.org www.atcc.org

REFERENCE MATERIAL PRODUCER

Valid to: **March 17, 2027**

Certificate Number: **AR-1384**

Biological Properties

Type of Reference Material	Description of the Reference Material Matrix or Artifact including the Property-Properties Characterized	Method or Techniques Used by the RMP Laboratory to Determine the Assigned Value (if Appropriate)
Reference Materials and Certified Reference Materials	Bacterial Cultures	<ul style="list-style-type: none"> • Gram staining and cell morphology • Colony description • Viability (culture, stain, and titer) • Purity testing • PCR and sequencing of selected gene(s) • bioMérieux api® assays • bioMérieux VITEK® 2 assays • MALDI-TOF MS • Remel RapID™ assays • Biochemical assays • Antibiotic susceptibility testing • O antigen serotyping
Reference Materials and Certified Reference Materials	Fungal and Yeast Cultures	<ul style="list-style-type: none"> • Viability (culture and titer) • Cell and/or colony morphology • Purity • PCR and sequencing of selected gene(s) • bioMérieux VITEK® 2 assays • MALDI-TOF MS • bioMérieux api® assays • Genetic marker testing • Sporulation efficiency testing

Biological Properties

Type of Reference Material	Description of the Reference Material Matrix or Artifact including the Property-Properties Characterized	Method or Techniques Used by the RMP Laboratory to Determine the Assigned Value (if Appropriate)
Reference Materials and Certified Reference Materials	Viruses and Chlamydia	<ul style="list-style-type: none"> • PCR and sequencing • IFA • CEID₅₀ by hemagglutination • TCID₅₀ by CPE or IFA • Bacterial and fungal contaminant testing • Mycoplasma contamination testing
Reference Materials and Certified Reference Materials	Cell Cultures	<ul style="list-style-type: none"> • Viability (cell count and growth) • Growth properties • Morphology • Mycoplasma contamination testing • Bacterial and fungal contamination testing • PCR and sequencing of selected gene(s) • Human virus testing • COI assay (interspecies) • STR analysis (Intraspecies)
Reference Materials and Certified Reference Materials	Nucleic Acids	<ul style="list-style-type: none"> • PicoGreen® or RiboGreen® analysis • Agarose gel electrophoresis • OD₂₆₀/OD₂₈₀ ratio • PCR and sequencing of selected gene(s) • Inactivation of source organism (BSL 2 or higher) • Digital PCR (ddPCR) for quantitative testing • qPCR for quantitative testing
Reference Materials and Certified Reference Materials	Protist Cultures	<ul style="list-style-type: none"> • Viability (cell count) • Cell morphology • Purity • PCR and sequencing of selected gene(s)

**American Type Culture Collection (ATCC)
Satellite Site**

20440 Century Boulevard, Germantown, MD 20874

Julie Harding 703-365-2700

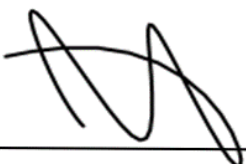
jharding@atcc.org www.atcc.org

Biological Properties

Type of Reference Material	Description of the Reference Material Matrix or Artifact including the Property-Properties Characterized	Method or Techniques Used by the RMP Laboratory to Determine the Assigned Value (if Appropriate)
Reference Materials	Bacterial Cultures	Reference Material Production
Reference Materials	Fungal Cultures	Reference Material Production

Notes:

1. Please contact the RMP organization for more information on CRM uncertainty values, Ucrm values, and other specific lot values. Some of this information may also be available on the RMP's website.
2. This scope is formatted as part of a single document including Certificate of Accreditation No. AR-1384.



Jason Stine, Vice President