CERTIFICATE OF ACCREDITATION

The ANSI National Accreditation Board

Hereby attests that

American Type Culture Collection (ATCC)

10801 University Blvd.
Manassas, VA 20110

Fulfills the requirements of

ISO/IEC 17025:2017

In the field of

TESTING

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 2025

Certificate Number: AT-1383

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communiqué dated April 2017).

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

American Type Culture Collection (ATCC)

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TESTING

Valid to: **March 17, 2025** Certificate Number: **AT-1383**

Biological / Microbiological

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
• 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	Internal and OEM Methods	Bacterial Cultures	• Inverted, dissecting, and fluorescence microscopes • Thermocyclers and sequencers • Gel documentation system • bioMérieux VITEK® 2 Analyzer • MALDI-TOF MS

Biological / Microbiological

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
• 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	Internal and OEM Methods	Fungal and Yeast Cultures	• Inverted and dissecting microscopes • Thermocyclers and sequencers • Gel documentation system • bioMérieux VITEK® 2 Analyzer • MALDI-TOF MS
• PCR and sequencing • IFA • $CEID_{50}$ by hemagglutination • $TCID_{50}$ by CPE or IFA • Bacterial and fungal contaminant testing • Mycoplasma contamination testing	Internal and OEM Methods	Viruses and Chlamydia	• Thermocyclers and sequencers • Gel documentation system • Microscopes • Inverted and fluorescence microscopes • bioMérieux BacT/ALERT® 3D
• 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)	Internal and OEM Methods	Cell Cultures	• Inverted microscopes • Automated cell counters • Inverted and fluorescence microscopes • bioMérieux BacT/ALERT® 3D • Thermocyclers and sequencers • Gel documentation system

Biological / Microbiological

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
• PicoGreen® or RiboGreen® analysis • Agarose gel electrophoresis • OD_{260}/OD_{280} 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	Internal and OEM Methods	Nucleic Acids	• Plate Readers • Gel documentation system • Spectrophotometers • Thermocyclers and sequencers
• Viability (cell count) • Cell morphology • Purity • PCR and sequencing of selected genes	Internal and OEM Methods	Protists	• Inverted microscopes • Thermocyclers and sequencers • Gel documentation system

Note:

1. This scope is formatted as part of a single document including Certificate of Accreditation No. AT-1383.

Jason Stine, Vice President