



SCOPE OF ACCREDITATION TO ISO 17034:2016

MICROBIOLOGICS, INC.
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REFERENCE MATERIAL PRODUCER

Valid To: February 28, 2022

Certificate Number: 2655.02

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this Reference Material Producer for the production of Certified Reference Materials in the following categories:

Category and Sub-category of Certified Reference Material	Concentration Ranges and Associated Uncertainty	Test Analysis Measurement	Method/ Characterization Technique
Category B: Microbial Reference Cultures			
Epower™ CRM Quantitative Certified Reference Materials for the Identity and Quantitation of Bacteria, Fungi and Yeast. (Lyophilized Format)	Range: (10 ² to 10 ⁸) Uncertainty: within ± 0.6 of a log of the assigned value N/A	Viability Identity	CFU enumeration using automated plating and counting Phenotyping: Manual and automated biochemical, serological; staining, microscopy, selective media
Lab-Elite™ CRM Qualitative Certified Reference Materials for Bacteria, Fungi and Yeast. (Lyophilized Format)	N/A	Identity	Phenotyping: Manual and automated biochemical, serological; staining, microscopy, selective media.

Category and Sub-category of Reference Material	Concentration Ranges and Associated Uncertainty	Test Analysis Measurement	Method/ Characterization Technique
Category B: Microbial Reference Cultures			
Epower™, EZ-Accu Shot™, EZ-Accu Shot Select, EZ-CFU™, EZ-CFU™ One Step.	(10 to 100) CFU per 0.1 ml on non-selective media	Viability	CFU enumeration using automated plating and counting
Quantitative Reference Materials for the Identity and Quantitation of Bacteria, Fungi and Yeast. (Lyophilized Format)	N/A	Identity	Phenotyping: Manual and automated biochemical, serological; staining, microscopy, selective media
KWIK-STIK™, KWIK-STIK™ Plus, LYFO DISK™, UVBioTAG™	N/A	Identity	Phenotyping: Manual and automated biochemical, serological; staining, microscopy, selective media
Qualitative Reference Materials for Bacteria, Fungi and Yeast. (Lyophilized Format)			
EZ-Accu Shot™ Starved Cells	(500 to 2000) CFU per pellet	Viability	CFU enumeration using automated plating and counting
Quantitative Reference Materials for the Identity and Quantitation of Bacteria, Fungi and Yeast. (Lyophilized Format)	N/A	Identity	Phenotyping: Manual and automated biochemical, serological; staining, microscopy, selective media
EZ-PEC™	2.0 x 10 ⁷ to 9.9 x 10 ⁷ CFU per pellet	Viability	CFU enumeration using automated plating and counting
Quantitative Reference Materials for the Identity and Quantitation of Bacteria, Fungi and Yeast. (Lyophilized Format)	N/A	Identity	Phenotyping: Manual and automated biochemical, serological; staining, microscopy, selective media

Category and Sub-category of Reference Material	Concentration Ranges and Associated Uncertainty	Test Analysis Measurement	Method/ Characterization Technique
Category B: Microbial Reference Cultures			
EZ-Spore™ Quantitative Reference Materials for the Identity and Quantitation of Bacteria, Fungi and Yeast. (lyophilized format)	10 ⁴ CFU per pellet N/A	Viability Identity	CFU enumeration using automated plating and counting Phenotyping: Manual and automated biochemical, serological; staining, microscopy, selective media
Enumerated Mycoplasma Quantitative Reference Materials for the Identity and Quantitation of Bacteria. (liquid format)	10 ⁴ CFU/ml N/A	Viability Identity	Plating, visual assessment Phenotyping: Manual and automated biochemical, serological; staining, microscopy, selective media



Accredited Reference Material Producer

A2LA has accredited

MICROBIOLOGICS, INC.

St. Cloud, MN

This accreditation covers the specific materials listed on the agreed upon Scope of Accreditation. This producer meets the requirements of ISO 17034:2016 *General Requirements for the Competence of Reference Material Producers*. This accreditation demonstrates technical competence for a defined scope and the operation of a quality management system.

Presented this 7th day of May 2020.

Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 2655.02
Valid to February 28, 2022



For reference materials to which this accreditation applies, please refer to the reference material producer's Scope of Accreditation.