Rapid Micro Biosystems

Certificate of Analysis

Product Name:	Bioburden Cassette: Tryptic Soy Agar		
Catalogue number:	BTSA-048	**Manufacture Date:**	10May2021
Lot Number:	13021L2	**Expiration Date:**	08Nov2021

The above lot has been produced in a microbiologically controlled environment and irradiated in accordance with Rapid Micro Biosystems' Quality Systems. Representative samples were tested per Rapid Micro Biosystems' protocols and were found to meet the performance and physical characteristics release criteria for this product.

Physical Characteristics:

Test	Specification	Result
Media appearance	Light amber brown color, no surface blemishes	Satisfactory
pH#	7.3 +/- 0.2 at 25°C	Satisfactory

#Media pH will vary within the stated range depending on the age of the product and the type of pH meter and probe used.

Growth Promotion*:

Microorganism	ATCC®**	Result
Aspergillus brasiliensis	16404®	Satisfactory
Bacillus subtilis	6633®	Satisfactory
Candida albicans	10231®	Satisfactory
Pseudomonas aeruginosa	9027®	Satisfactory
Staphylococcus aureus	6538®	Satisfactory

*A standardized inoculum of the test organisms listed above was inoculated on selected cassettes. Growth was measured after 24-72 hours' incubation on the Growth Direct system at 30-35°C. Satisfactory results indicate recovery within 50-200% compared to the control media and comparable to a previously released batch.

** Test organisms from alternative equivalent reference organisations may be substituted as required.

Irradiation:

Irradiation Dose	Certified to be between 8-12.5 kGy
Sterility Evaluation	No growth detected at 5-7 days' incubation 32.5°C +/- 2.5°C

Country of origin is USA. Media components of animal origin used in the manufacture of this product are certified, by Rapid MicroBiosystems' suppliers, as sourced from BSE-TSE free countries, as identified by the United States Department of Agriculture (USDA). Certificates are held on file at Rapid MicroBiosystems.

The results reported in this Certificate of Analysis were obtained at time of lot release. Product is for exclusive use with Rapid MicroBiosystems' Growth Direct system. Not for In Vitro Diagnostic use.

** ATCC retains all right, title and interest in the ATCC trademark and trade-name, ATCC®, and any and all ATCC Catalog Marks (example ATCC® CRL-1740™) or ATCC specific designations of ATCC Materials sold by ATCC, or other trademarks registered or owned by the ATCC. **The ATCC trademark, the ATCC trade-name, or the ATCC Catalog numbers cannot be used in any way in connection with any offering, marketing, promotion, or sale without ATCC's prior written agreement.**

Released by:

Release Date 21 MAY 2021

Jim Lafferty
QA Vice President

Rapid Micro Biosystems, Inc.
1001 Pawtucket Blvd West, Suite 280, Lowell, MA 01854
Phone: +1 978-349-3200 Fax: +1 978-349-2065
www.rapidmicrobio.com
Email: technical@rapidmicrobio.com