



Certificate of Analysis: Lyophilized Microorganism Specification and Performance Upon Release

SPECIFICATIONS: Product Name: Bacillus spizizenii Catalog Number: 0486 Lot Number: 486-1552** Reference Number: ATCC® 6633™* Passage from Reference: 2 Expiration Date: 2025/08/31	RELEASE INFORMATION: Quality Control Technologist: Kavitha Gobalan Release Date: 2023/10/02
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Performance	
Macroscopic Features: Large, irregular, flat, undulate edge, gray and wrinkled with ground glass appearance; beta hemolysis and slight yellow coloring may appear in wrinkles by 48 hours.	Medium: SBAP
Microscopic Features: Straight, gram positive rod, with an ellipsoidal, central or terminal endospore.	Method: Gram Stain (1)
ID System: MALDI-TOF (1)	
See attached ID System results document.	


 Amanda Kuperus
 Director of Quality Control
 AUTHORIZED SIGNATURE

**Disclaimer: The last digit(s) of the lot number appearing on the product label and packing slip are merely a packaging event number. The lot number displayed on this certificate is the actual base lot number.

Refer to the enclosed product insert for instructions, intended use and hazard/safety information.

Individual products are traceable to a recognized culture collection.

(1) These tests are accredited to ISO/IEC 17025.



TESTING CERT #2655.01



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REFERENCE MATERIAL PRODUCER
CERT #2655.02

Bruker Daltonik MALDI Biotyper Classification Results



Meaning of Score Values

Range	Interpretation	Symbols	Color
2.00 – 3.00	High-confidence identification	(+++)	Green
1.70 – 1.99	Low-confidence identification	(+)	Yellow
0.00 – 1.69	No Organism Identification Possible	(-)	Red

Meaning of Consistency Categories (A - C)

Category	Interpretation
(A)	High consistency: The best match is a high-confidence identification. The second-best match is (1) a highconfidence identification in which the species is identical to the best match, (2) a low-confidence identification in which the species or genus is identical to the best match, or (3) a non-identification.
(B)	Low consistency: The requirements for high consistency are not met. The best match is a high- or low-confidence identification. The second-best match is (1) a high- or low-confidence identification in which genus is identical to the best match or (2) a non-identification.
(C)	No consistency: The requirements for high or low consistency are not met.

Run Creation Date/Time: 2023-09-22T10:47:47.879 KG

Applied MSP Library(ies): BDAL, Mycobacteria Library (bead method), Filamentous Fungi Library

Sample Name	Sample ID	Organism (best match)	Score Value
B9 (+++) (A)	486-1552	Bacillus subtilis	2.11

Comments:

is a member of Bacillus subtilis group. The quality of spectra (score) depends on the degree of sporulation: Use fresh material.