



Certificate of Analysis: Lyophilized Microorganism Specification and Performance Upon Release

Specifications Microorganism Name: Brevundimonas diminuta Catalog Number: 0805 Lot Number: 805-128 Reference Number: ATCC® 19146™* Purity: Pure Passage from Reference: 3 Mean Assay Value (MAV): 8.4E+02 CFU per pellet		Expiration Date: 2019/5/31 Release Information: Quality Control Technologist: Megan C McClure Release Date: 2017/5/25
Performance		
Macroscopic Features: Both small to medium and large colonies, circular, convex, entire edge, gray, smooth and glistening with greening of the agar. Microscopic Features: Small gram negative rods.		Medium: SBAP Method: Gram Stain (1)
ID System: MALDI-TOF See attached ID System results document.		Other Features/ Challenges: Results (1) Oxidase (Kovacs): positive (1) Nitrate (Broth): negative (1) Motility B Medium: positive Esculin Hydrolysis (Agar): negative  Amanda Kuperus Quality Control Manager 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. Note for Vitek®: Although the Vitek® panel uses many conventional tests, the unique environment of the card, combined with the short incubation period, may produce results that differ from published results obtained by other methods. ⚠ Refer to the enclosed product insert for instructions, intended use and hazard/safety information. Individual products are traceable to a recognized culture collection.  (*) The ATCC Licensed Derivative Emblem, the ATCC Licensed Derivative word mark and the ATCC catalog marks are trademarks of ATCC. Microbiologics, Inc. is licensed to use these trademarks and to sell products derived from ATCC® cultures.  (1) These tests are accredited to ISO/IEC 17025:2005. TESTING CERT #2655.01		

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 high-confidence 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 the 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.

Sample Name: Brevundimonas diminuta
 Sample Description: 0805
 Sample ID: 805-128
 Sample Creation Date/Time: 2017-05-24T15:17:37.807 MCM
 Applied MSP Library(ies): BDAL, Mycobacteria Library (bead method), Filamentous Fungi Library 1.0, Listeria

Sample Name	Sample ID	Organism (best match)	Score Value
D2 (+++)(A)	805-128	Brevundimonas diminuta	2.51

Comments:

N/A



Statistical Analysis Certificate

Microorganism Name: *Brevundimonas diminuta*

Reference #: ATCC® 19146™*

Catalog #: 0805

Lot #: 805-128

Expiration Date: 2019/5/31

Mean Assay Value (MAV): 8.4E+02 CFU per pellet

Standard Deviation: 6.9E+01

Coefficient of Variation: 8%

99% Confidence Interval of 7.8E+02 to 8.9E+02 CFU

95% Confidence Interval of 8.0E+02 to 8.7E+02 CFU

Method used to determine Mean Assay Value: Spiral Biotech Test Method

Medium Employed: TSA

Incubation Time and Temp: 48 hrs at 34-38 degrees C

A handwritten signature in black ink that reads "Amanda Kuperus".

Amanda Kuperus

Quality Control Manager

AUTHORIZED SIGNATURE