

Certificate of Analysis: Lyophilized Microorganism Specification and Performance Upon Release

Specifications

Microorganism Name: Neisseria meningitidis (serogroup B)

Catalog Number: 0454 Lot Number: 454-111**

Reference Number: ATCC® 13090™*

Purity: Pure

Passage from Reference: 3

Expiration Date: 2020/1/31

Release Information:

Quality Control Technologist: Kieshia L Negen

Release Date: 2018/3/1

Performance

Macroscopic Features:

Medium:

Small to medium, circular, tan, smooth, glistening.

Chocolate

Microscopic Features:

Method:

Gram negative cocci occurring singly, but more often in pairs wtih adjacent Gram Stain (1) sides flattened.

ID System: MALDI-TOF (1)

See attached ID System results document.

Other Features/ Challenges: Results

(1) Oxidase (Kovacs): positive

Modified Thayer Martin Agar: good growth N. meningitidis antiserum (Group B): positive

> 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.

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

Individual products are traceable to a recognized culture collection.



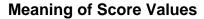


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TESTING CERT #2655.01

Bruker Daltonik MALDI Biotyper Classification Results





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: Neisseria meningitidis (serogroup B)

Sample Description: 0454 Sample ID: 454-111

Sample Creation Date/Time: 2018-02-27T12:40:43.261 cs

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)	454-111	Neisseria meningitidis	2.47

Comments:

Non-pathogenic Neisseria species could be misidentified as Neisseria meningitidis. For differentiation an adequate identification method has to be selected by an experienced professional.