charles river

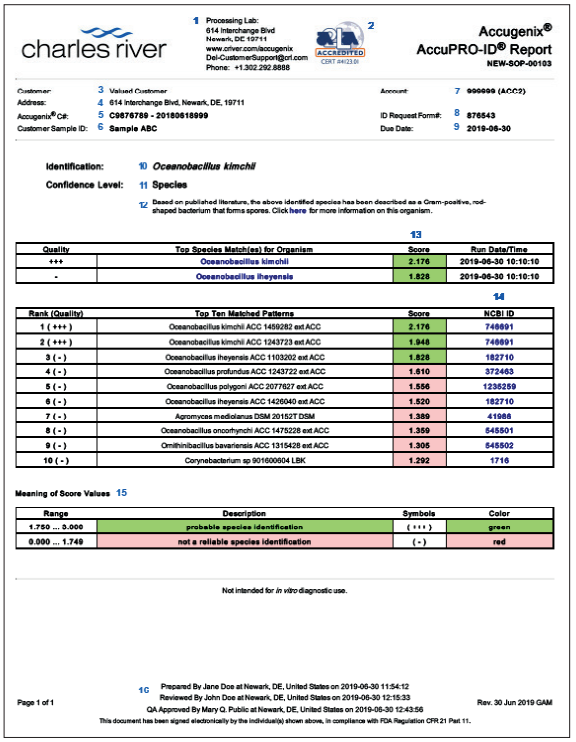
MICROBIAL SOLUTIONS

AccuPRO-ID® Identification Report Guide

Interpretation

Sample C9876789 - 20180618999 has a closest match of *Oceanobacillus kimchii*. The Score Value is 2.178, which indicates a probable match at the Species level. Because the second-closest species match is *Oceanobacillus iheyensis*, with a Score Value of 1.828 (greater than 0.100 difference in top Score Values), we can be confident that this organism is *Oceanobacillus kimchii*.

Section Descriptions



charles river

1 Processing Lab:
614 Interchange Blvd
Newark, DE 19711
www.criver.com/accugenix
Del-CustomerSupport@crl.com
Phone: +1.302.292.8888

2 ACCREDITED CERT #4123.01

Accugenix®
AccuPRO-ID® Report
NEW-SOP-00103

Customer: 3 Valued Customer
Address: 4 614 Interchange Blvd, Newark, DE, 19711
Accugenix® C#: 5 C9876789 - 20180618999
Customer Sample ID: 6 Sample ABC
Account: 7 999999 (ACC2)
ID Request Form#: 8 876543
Due Date: 9 2019-06-30

Identification: 10 *Oceanobacillus kimchii*
Confidence Level: 11 Species
12 Based on published literature, the above identified species has been described as a Gram-positive, rod-shaped bacterium that forms spores. Click here for more information on this organism.

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Quality	Top Species Match(es) for Organism	Score	Run Date/Time
+++	Oceanobacillus kimchii	2.176	2019-06-30 10:10:10
-	Oceanobacillus iheyensis	1.828	2019-06-30 10:10:10

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Rank (Quality)	Top Ten Matched Patterns	Score	NCBI ID
1 (+++)	Oceanobacillus kimchii ACC 1459282 ext ACC	2.176	746691
2 (+++)	Oceanobacillus kimchii ACC 1243723 ext ACC	1.948	746691
3 (-)	Oceanobacillus iheyensis ACC 1103202 ext ACC	1.828	182710
4 (-)	Oceanobacillus profundus ACC 1243722 ext ACC	1.610	372463
5 (-)	Oceanobacillus polygoni ACC 2077627 ext ACC	1.556	1236259
6 (-)	Oceanobacillus iheyensis ACC 1426040 ext ACC	1.520	182710
7 (-)	Agromyces mediolanus DSM 20152T DSM	1.389	41988
8 (-)	Oceanobacillus oncorhynchi ACC 1475228 ext ACC	1.359	545501
9 (-)	Omithinibacillus bavariensis ACC 1315426 ext ACC	1.305	545502
10 (-)	Corynebacterium sp 901600604 LBK	1.292	1716

Meaning of Score Values 15

Range	Description	Symbols	Color
1.750 ... 3.000	probable species identification	(+++)	green
0.000 ... 1.749	not a reliable species identification	(-)	red

Not intended for *in vitro* diagnostic use.

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16 Prepared By Jane Doe at Newark, DE, United States on 2019-06-30 11:54:12
Reviewed By John Doe at Newark, DE, United States on 2019-06-30 12:15:33
QA Approved By Mary Q. Public at Newark, DE, United States on 2019-06-30 12:43:56
This document has been signed electronically by the individual(s) shown above, in compliance with FDA Regulation CFR 21 Part 11.

Rev. 30 Jun 2019 GAM

1. Lab where your sample was processed.
2. A2LA logo with Processing Lab ISO 17025 accreditation certificate number.
3. Your company name.
4. “Ship To” address from your Identification Request Form.
5. Unique sample code (C#) assigned by Charles River, followed by the date and time the data was generated.
6. Your sample ID, as provided on the Identification Request Form.
7. Your six-digit Account #, followed by a four-digit alpha-numeric code in parenthesis.
8. Each Identification Request Form received with samples has a unique number.
9. The due date of your Identification Report.
10. Final identification result.
11. Confidence level of the identification.
12. Descriptive information about the identified species.
13. Score: The Score Value is achieved through the use of a proprietary algorithm; the first species match Score Value must be between 1.750 and 3.000 and have a minimum difference of 0.100 from the second species match Score Value to be considered an identification at the Species level. Probable species matches with a score over 1.750 are shown in green, and nonreliable species match scores less than 1.750 are shown in red.
14. The NCBI taxonomy database may be accessed at http://www.ncbi.nlm.nih.gov/taxonomy.

15. Meaning of Score Values: A key to the range of score values.
16. Electronic signatures in compliance with FDA regulation 21 CFR Part 11.

Methods

Charles River AccuPRO-ID® utilizes matrix-assisted laser desorption/ionization-time of flight (MALDI-TOF) mass spectrometry to identify microorganisms. The MALDI-TOF testing process yields a unique protein spectral fingerprint that is then compared to the Accugenix® validated database for bacterial and yeast identification. If a species-level ID is not obtained, the sample is automatically transferred to AccuGENX-ID® at no additional cost (Species* ID does not qualify for automatic transfer).

If your AccuPRO-ID® report contains a Species* confidence level, the technology was unable to reliably differentiate the species.

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