

## **Certificate of Analysis for HM-523**

### Cutibacterium acnes, Strain HL038PA2

## Catalog No. HM-523

#### **Product Description:**

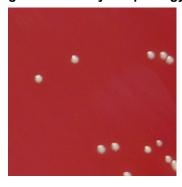
Cutibacterium acnes (C. acnes), strain HL038PA2 was isolated from human skin. Previously referred to as *Propionibacterium acnes*, this genus has been reclassified and the genus designation on the vial label refers to the old nomenclature. HM-523 was produced by the inoculation of BEI Resources seed lot 6058729 into Modified Reinforced Clostridial broth and incubated for 3 days at 37°C in an anaerobic atmosphere (< 5% O₂; Remel™ Pack-Anaero™). Broth inoculum was added to Tryptic Soy agar with 5% defibrinated sheep blood kolles, which were grown for 3 days at 37°C in an anaerobic atmosphere to produce this lot. Quality control testing was completed under propagation conditions unless otherwise noted.

<u>Note</u>: Quality control of HMP material is only performed to demonstrate that the material distributed by BEI Resources is identical to the deposited material. It should not be considered a complete characterization of the deposited organism.

Lot: 70060457 Manufacturing Date: 11MAY2023

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TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis		
Cellular morphology	Gram-positive rods	Gram-positive rods
Colony morphology	Report results	Circular, convex, entire, smooth and cream
Motility (wet mount)	Report results	Non-motile
Genotypic Analysis		
Sequencing of 16S ribosomal RNA gene	≥ 99% sequence identity to	99.9% sequence identity to
(~ 1410 base pairs)	C. acnes, type strain (GenBank: CP044255)	C. acnes, type strain (GenBank: CP044255)
Purity (post-freeze)		
Anaerobic 7 days at 37°C on Tryptic Soy agar with 5% defibrinated sheep blood	Growth consistent with expected colony morphology	Growth consistent with expected colony morphology
Aerobic with 5% CO <sub>2</sub> 7 days at 37°C on Tryptic Soy agar with 5% defibrinated sheep blood	Growth consistent with expected colony morphology	Growth consistent with expected colony morphology
Viability (post-freeze)	Growth	Growth

Figure 1: Colony Morphology



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/Sonia Bjorum Brower/ Sonia Bjorum Brower

10 JUL 2023

Technical Manager or designee, ATCC Federal Solutions

ATCC®, on behalf of BEI Resources, hereby represents and warrants that the material provided under this certificate has been subjected to the tests and procedures specified and that the results described, along with any other data provided in this certificate, are true and accurate to the best of ATCC®'s knowledge.

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