

**Cutibacterium acnes, Strain HL043PA2**

**Catalog No. HM-514**

**Product Description:**

*Cutibacterium acnes* (*C. acnes*), strain HL043PA2 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-514 lot 70048205 was produced by the inoculation of BEI Resources seed lot 60687452 onto Tryptic Soy agar with 5% defibrinated sheep blood and incubated for 3 days at 37°C in an anaerobic atmosphere (< 5% O<sub>2</sub>; Remel™ Pack-Anaero™). Colonies from the agar growth were suspended in Modified Reinforced Clostridial broth and grown for 2 days at 37C in an anaerobic atmosphere to produce this lot.

Note: 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: 70048205**

**Manufacturing Date: 03NOV2021**

TEST	SPECIFICATIONS	RESULTS
<b>Phenotypic Analysis</b> Cellular morphology 2 days at 37°C in an anaerobic atmosphere on Tryptic Soy agar with 5% defibrinated sheep blood Colony morphology 2 days at 37°C in an anaerobic atmosphere on Tryptic Soy agar with 5% defibrinated sheep blood Motility (wet mount)	Gram-positive rods  Report results  Report results	Gram-positive rods  Circular, convex, entire, smooth and white  Non-motile
<b>Genotypic Analysis</b> Sequencing of 16S ribosomal RNA gene (~ 1420 base pairs)	≥ 99% sequence identity to <i>C. acnes</i> , strain HL043PA2 (GenBank: ADYM01000014.1)	100% sequence identity to <i>C. acnes</i> , strain HL043PA2 (GenBank: ADYM01000014.1)
<b>Purity (post-freeze)</b> Anaerobic 7 days at 37°C on Tryptic Soy agar with 5% defibrinated sheep blood 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  No growth	Growth consistent with expected colony morphology  No growth
<b>Viability (post-freeze)</b> 2 days at 37°C in an anaerobic atmosphere on Tryptic Soy agar with 5% defibrinated sheep blood	Growth	Growth

/Heather Couch/  
Heather Couch

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Program Manager or designee, ATCC Federal Solutions

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