

**Cutibacterium acnes, Strain SK137**

**Catalog No. HM-122**

**Product Description:**

*Cutibacterium acnes* (*C. acnes*), strain SK137 was isolated from normal skin of the right arm of a 57-year-old man. (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-122 lot 70050459 was produced by inoculation of BEI Resources seed lot 60303958 into Modified Reinforced Clostridial broth and incubated for 2 days at 37°C in an anaerobic atmosphere (< 5% O<sub>2</sub>; Remel™ Pack-Anaero™). The material from the initial growth was passaged once in Modified Reinforced Clostridial broth for 2 days at 37°C in an anaerobic atmosphere to produce this lot. Quality control testing was completed in Tryptic Soy agar with 5% defibrinated sheep blood under propagation conditions unless otherwise noted.

**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.

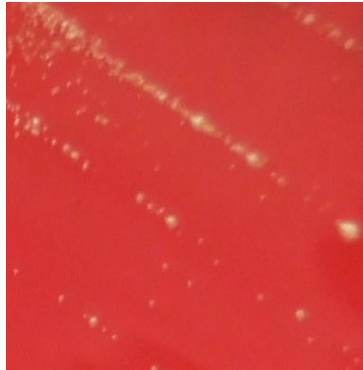
**Lot: 70050459**

**Manufacturing Date: 18MAR2022**

TEST	SPECIFICATIONS	RESULTS
<b>Phenotypic Analysis</b> Cellular morphology Colony morphology  Motility (wet mount)	Gram-positive rods Report results  Report results	Gram-positive rods Circular, convex, entire and white (Figure 1) Non-motile
<b>Genotypic Analysis</b> Sequencing of 16S ribosomal RNA gene (~ 1410 base pairs)	≥ 99% sequence identity to <i>C. acnes</i> , strain SK137 (GenBank: CP001977.1)	99.9% sequence identity to <i>C. acnes</i> , strain SK137 (GenBank: CP001977.1)
<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  Report results	Growth consistent with expected colony morphology  Growth <sup>1</sup>
<b>Viability (post-freeze)</b>	Growth	Growth

<sup>1</sup>This organism is known to be aerotolerant. Sequencing of the 16S rRNA gene identified cells from aerobic growth as *C. acnes*.

Figure 1: Colony Morphology



/Sonia Bjorum Brower/

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12 DEC 2022

Technical Manager or designee, ATCC Federal Solutions

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