

***Aspergillus fumigatus*, Strain B6074**

Catalog No. NR-35309

Product Description: *Aspergillus fumigatus* (*A. fumigatus*), strain B6074 was isolated in 2002 from a human sternal wound in Montréal, Québec, Canada.

Lot¹: 62200734

Manufacturing Date: 03DEC2013

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Colony morphology ² Surface, reverse, hyphae Conidial morphology ² Conidia, conidiophore	Report results Report results	White to green, hirsute, filamentous; tan Columnar, ellipsoid and finely rough (Figure 1)
Genotypic Analysis Sequencing of internal transcribed spacer (ITS) 1, 5.8S ribosomal RNA (rRNA) gene, and ITS 2 (~ 590 base pairs) Sequencing of 28S rRNA gene (partial) (~ 560 base pairs)	>99% sequence identity to <i>A. fumigatus</i> , type strain ATCC® 1022™ (GenBank: NR_121481) Consistent with <i>A. fumigatus</i>	99.5% sequence identity to <i>A. fumigatus</i> , type strain ATCC® 1022™ (GenBank: NR_121481) Consistent with <i>A. fumigatus</i>
Purity³ Nutrient broth with 0.1% Yeast Extract at 25°C Nutrient broth with 0.1% Yeast Extract at 37°C	No bacterial growth No bacterial growth	No bacterial growth No bacterial growth
Viability (post-freeze)²	Growth	Growth

¹NR-35309 was produced by growth of the deposited material on Yeast Mold agar in an aerobic atmosphere at 25°C for 20 days.

²5 days at 25°C in an aerobic atmosphere on Potato Dextrose agar

³Clarity of broth was determined by visual inspection after 5 days at 25°C and 37°C in an aerobic atmosphere.

Figure 1: Conidial Morphology



Date: 26 JUL 2016

Signature: 

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