

Aspergillus fumigatus, Isolate 2

Catalog No. NR-41312

Product Description: *Aspergillus fumigatus* (*A. fumigatus*), isolate 2, was obtained from human sputum.

Lot¹: 61697597

Manufacturing Date: 30MAY2013

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Colony morphology ² Conidial morphology ² Conidia Conidial heads	Report results Report results Report results	Gray to green with white margins (Figure 1A) Globose to ovoid and smooth Columnar strips, smooth-walled, expanding gradually into pyriform (Figure 1B)
Genotypic Analysis Sequencing of internal transcribed spacer (ITS) 1 (~ 580 base pairs) Sequencing of beta-tubulin gene (~ 450 base pairs)	Consistent with <i>A. fumigatus</i> Consistent with <i>A. fumigatus</i>	Consistent with <i>A. fumigatus</i> ³ Consistent with <i>A. fumigatus</i> ⁴
Purity ⁵ 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-41312 was produced by growth of the deposited material on Yeast Mold agar in an aerobic atmosphere at 25°C for 7 days.

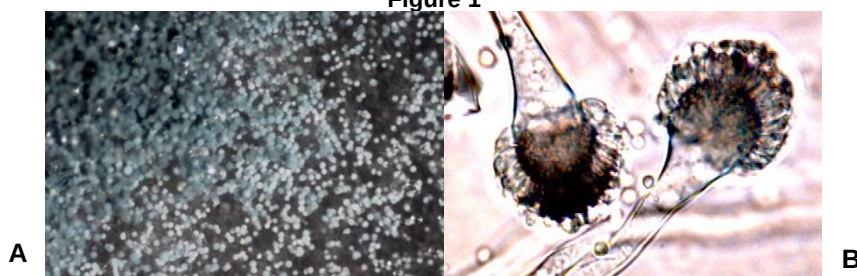
²4 days at 25°C in an aerobic atmosphere on Yeast Mold agar

³Sequence aligns with 100% similarity to *A. fumigatus* type strain 118 (ATCC® 1022™)

⁴Sequence aligns with >99.7% similarity to *A. fumigatus* type strain 118 (ATCC® 1022™)

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

Figure 1



Date: 28 AUG 2014

Signature:

Title:

Technical Manager, BEI Authentication or designee

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