

**Aspergillus fumigatus, Strain B5868**

**Catalog No. NR-35307**

**Product Description:** *Aspergillus fumigatus* (*A. fumigatus*), strain B5868, was obtained in 1998 from a hospital in California, USA.

**Lot<sup>1</sup>: 62486471**

**Manufacturing Date: 14APR2014**

TEST	SPECIFICATIONS	RESULTS
<b>Phenotypic Analysis</b> Colony morphology <sup>2</sup> Surface, reverse  Conidial morphology <sup>2</sup> Conidia, conidiophore	Report results  Report results	White to blue to green, hirsute, filiform; tan; (Figure 1A)  Green, globose and smooth; hyaline (Figure 1B)
<b>Genotypic Analysis</b> Sequencing of internal transcribed spacer (ITS) 1, 5.8S ribosomal RNA (rRNA) gene, and ITS 2 (~ 720 base pairs) Sequencing of 28S rRNA gene (partial) (~ 540 base pairs) Sequencing of beta-tubulin gene (~ 760 base pairs)	Consistent with <i>A. fumigatus</i>  Consistent with <i>A. fumigatus</i>  Consistent with <i>A. fumigatus</i>	Consistent with <i>A. fumigatus</i> <sup>3</sup>  Consistent with <i>A. fumigatus</i> <sup>4</sup>  Consistent with <i>A. fumigatus</i> <sup>5</sup>
<b>Purity<sup>6</sup></b> Yeast Mold agar at 25°C 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 No bacterial growth No bacterial growth
<b>Viability (post-freeze)<sup>2</sup></b>	Growth	Growth

<sup>1</sup>NR-35307 was produced by growth of the deposited material on Modified Sabouraud Dextrose agar in an aerobic atmosphere at 25°C for 4 days.

<sup>2</sup>4 days at 25°C in an aerobic atmosphere on Yeast Mold agar

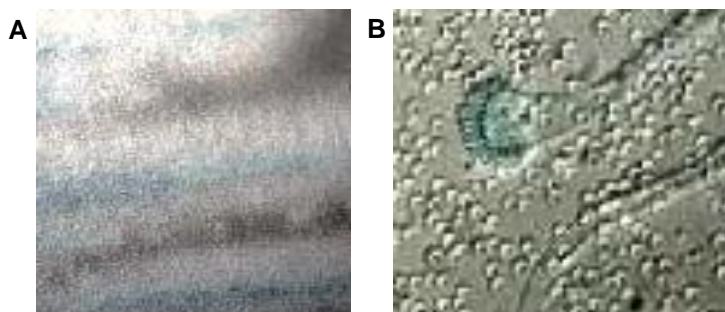
<sup>3</sup>99.8% identical to *A. fumigatus*, type strain ATCC<sup>®</sup> 1022<sup>™</sup> (GenBank: HQ026746.1)

<sup>4</sup>100% identical to *A. fumigatus*, type strain ATCC<sup>®</sup> 1022<sup>™</sup> (GenBank: AY660917.1)

<sup>5</sup>99.1% identical to *A. fumigatus*, strain ATCC<sup>®</sup> 36607<sup>™</sup> (GenBank: AY048754.1), type strain sequence unavailable

<sup>6</sup>Clarity of broth was determined by visual inspection after 3 days at 25°C and 37°C in an aerobic atmosphere.

**Figure 1 – Colony and Conidial Morphology**



Date: 17 APR 2015

Signature:



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