

***Aspergillus fumigatus*, Strain B5863**

Catalog No. NR-35305

Product Description: *Aspergillus fumigatus* (*A. fumigatus*), strain B5863, was isolated in 1998 from a hospital environment in California, USA.

Lot¹: 63007453

Manufacturing Date: 10NOV2014

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Colony morphology ² Surface, reverse, hyphae Conidial morphology ² Conidia, conidiophore	Report results Report results	White to dark green, hirsute, filiform; tan; hyaline, guttulate (Figure 1A) Green, globose and smooth (Figure 1B)
Genotypic Analysis Sequencing of internal transcribed spacer (ITS) 1, 5.8S ribosomal RNA (rRNA) gene, and ITS 2 (~ 560 base pairs) Sequencing of 28S rRNA gene (partial) (~ 540 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
Purity⁵ Modified Sabouraud Dextrose 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
Viability (post-freeze)²	Growth	Growth

¹NR-35305 was produced by growth of the deposited material on Modified Sabouraud Dextrose agar in an aerobic atmosphere at 25°C for 7 days.

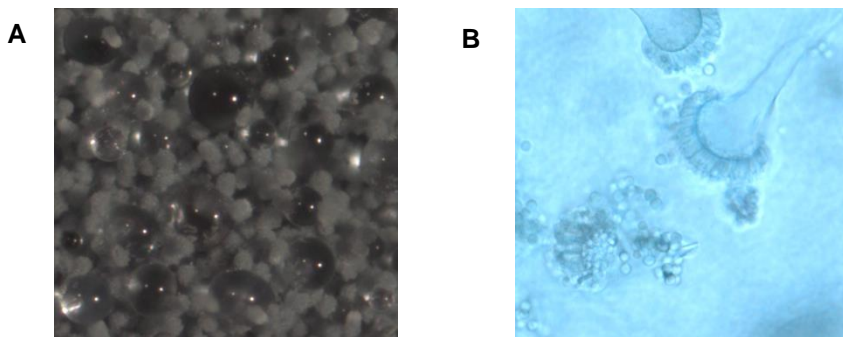
²7 days at 25°C in an aerobic atmosphere on Modified Sabouraud Dextrose agar

³99.1% sequence identity to *A. fumigatus*, type strain ATCC[®] 1022[™] (GenBank: HQ026746.1)

⁴99.6% sequence identity to *A. fumigatus*, type strain ATCC[®] 1022[™] (GenBank: AY660917.1)

⁵Clarity of broth was determined by visual inspection after 26 days at 25°C and 37°C in an aerobic atmosphere.

Figure 1: Colony and Conidial Morphology



Date: 06 NOV 2015

Signature:



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