

Aspergillus fumigatus, Strain B5859

Catalog No. NR-35304

Product Description: *Aspergillus fumigatus* (*A. fumigatus*), strain B5859, was obtained in 1998 from human sputum-tracheal suction in California, USA.

Lot¹: 63007452

Manufacturing Date: 10NOV2014

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Colony morphology ² Surface, reverse Conidial morphology ² Conidia, conidiophore	Report results	White to blue to green, hirsute, filiform; tan; (Figure 1A)
	Report results	Green, globose and smooth; hyaline (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> ³
	Consistent with <i>A. fumigatus</i>	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-35304 was produced by growth of the deposited material on Modified Sabouraud Dextrose agar in an aerobic atmosphere at 25°C for 7 days.

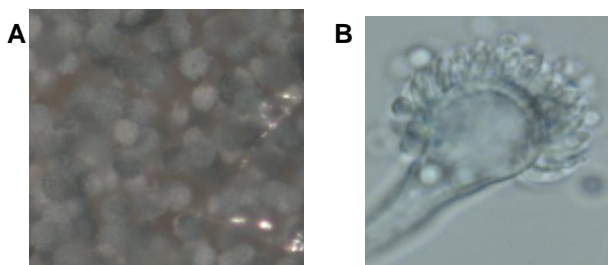
²7 days at 25°C in an aerobic atmosphere on Modified Sabouraud Dextrose agar

³100% identical to *A. fumigatus*, type strain ATCC[®] 1022[™] (GenBank: HQ026746.1)

⁴100% identical 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: 17 APR 2015

Signature: 
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