

Aspergillus fumigatus, Strain B6079

Catalog No. NR-35311

Product Description: *Aspergillus fumigatus* (*A. fumigatus*), strain B6079 was isolated in 2002 from the environment in Montréal, Québec, Canada.

Lot¹: 63007461

Manufacturing Date: 10NOV2014

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Colony morphology ² Surface, reverse, hyphae Conidial morphology ² Conidia, conidiophore	Report results	White to dark green, hirsute, filamentous; tan; hyaline, guttulate (Figure 1A)
	Report results	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> 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-35311 was produced by growth of the deposited material on Modified Sabouraud Dextrose agar in an aerobic atmosphere at 25°C for 7 days.

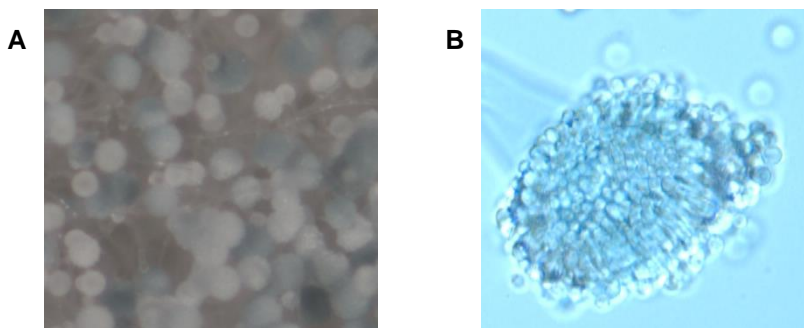
²7 days at 25°C in an aerobic atmosphere on Modified Sabouraud Dextrose agar

³98.9% sequence identity to *A. fumigatus*, type strain ATCC® 1022™ (GenBank: HQ026746.1)

⁴99.8% 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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