

## Certificate of Analysis

**Product Name:** A. brasiliensis ATCC 16404 Q KT/10 TST  
**Lot Number:** 227265

**Product Number:** R4731100  
**Expiration Date:** 2022-07-19  
(YYYY-MM-DD)

This product has been manufactured, processed and packaged in accordance with Quality Systems Regulation, 21 CFR Part 820. Representative samples were tested per Remel Inc., a part of Thermo Fisher Scientific Quality Control specifications and were found to meet performance criteria for this product.

### Purity:

Standardized aliquots of the rehydrated product are inoculated onto nonselective media and examined for pure growth following the appropriate incubation. Selective and Differential media are also tested where applicable.

### Viability And Quantification:

Each organism is recovered from the preserved state within the required time frame and at an acceptable level. Passage number is stated as the current preserved state.

### Macroscopic And Microscopic Morphology:

Colony morphology is consistent with documented referenced description. Traditional staining is performed.

### Characterization:

Organism exhibits characteristic biochemical, enzymatic, genotypical and/or biochemical reactions. Automated and/or conventional testing was performed and results were within established limits. Antimicrobial testing performed where applicable. Results within expected ranges.

CFU/ 0.3: <100

Passage: 2

Macroscopic Morphology: Woolly, at first white to yellow than turning black. Reverse is white to yellow.

Microscopic Morphology: Long, smooth conidiophores. Phialides are biserial, cover entire vesicle to form a radiate head.

Appearance: Preserved Gel Matrix suspended in vial cap

pH: N/A

Colony Count: Not less than 5 samples each were plated to the following:  
Potato Dextrose Agar, spread plates, incubated at 30°C for 48 hours.

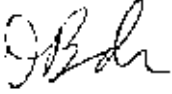
Colony forming units as noted above are specified under defined growing conditions. Results may vary with more inhibitory or selective media or with the same medium of inferior quality.

Note: A. brasiliensis was formally named A. niger.

CFU Mean 60

## Certificate of Analysis

Signed



Quality Assurance Manager

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