

## Test Results Based on Sanger Sequencing

### Identification of microorganisms -MicroID

Sample: **M13.**

Client: **Fundação Coppetec.**

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#### **Result**

The sequenced microorganism shows 100% identity with the fungus *Aspergillus terreus*.

#### **Interpretation**

The microorganism sequence obtained was compared to a DNA database. The result of this comparison demonstrated greater identity of the sample with the fungus *Aspergillus terreus*.

#### **Methodology**

Automatic capillary electrophoresis sequencing in the equipment ABI 3500 *Genetic Analyzer* (Applied Biosystems) and alignment of the nucleotide sequences produced with the reference sequences deposited in the *GenBank*.

#### **Considerations**

Although the genomic region used for identification among the species is an international standard for this analysis<sup>1</sup>, one should not rule out the identification of more than one species per sample due to the similarity between the DNAs of the species found.

#### **References**

1) *Fungal Barcoding Consortium* et al, 2011.