

## Product Specification

**Product Name :** Fungal DNA standard from *Rhizoctonia solani* Suitable for PCR, sequencing and NGS, 10 ng/μL  
**Product Number:** MBD0046  
**Storage Temperature :** Freezer -20°C

Test	Specification
Appearance (Form)	Liquid
Appearance (Color)	Colorless
Appearance (Turbidity)	Clear to Hazy
DNA Concentration	≥ 10ng/μl
Ratio 260/280nm	≥ 1.80
Fungi Identity (Purity) Reads classified to genus belong to <i>Rhizoctonia</i> (Impurity: <5% reads classified to another taxon) by 18S NGS	≥ 95.0%
DNA Quality High molecular weight chromosomal DNA band observed	Conforms
Functional Activity by PCR amplification of 18S ribosomal RNA gene(~500 bp)	Conforms
Recommended Retest Period 2 Years	-----

Sigma-Aldrich warrants that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at [Sigma-Aldrich.com](http://Sigma-Aldrich.com). For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.

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