



Certificate of Analysis

107 Technology Drive • Lincolnton, NC 28092
 (704) 276-7100 • Fax (704) 276-7101

Patent Pending: Application Number 62/139,908

Product Name: AMTicide® Coconut
 Code Number: M14003
 Lot Number: 7176P
 Manufacture Date: March 20, 2020
 Re-Test Date: March 20, 2021
 CAS #'s: 68333-16-4 & 8001-31-8
 EINECS #'s: N/A & 232-282-8
 INCI Name: Lactobacillus & Cocos Nucifera (Coconut) Fruit Extract

Specification	Parameter	Result
Appearance	Clear to Slightly Hazy Liquid	Pass
Color	5 Gardner Maximum	1
Odor	Characteristic	Pass
pH	7.0 – 9.0	8.7
Solids (1g-105°C-1hr)	20.0 – 25.0%	23.5
Heavy Metals	< 20 ppm	< 20 ppm
Lead	< 10 ppm	< 10 ppm
Arsenic	< 2 ppm	< 2 ppm
Cadmium	< 1 ppm	< 1 ppm
Lipopeptide Content	0.5% Minimum	0.5
Minimum Inhibitory Concentration ¹ Organism (ATCC#)		
C. albicans (#10231)	0.25 – 2.00%	Pass
A. brasiliensis (#16404)	0.25 – 2.00%	Pass

DO NOT FREEZE; Store at or near room temperature
 Mix well prior to use; May sediment on standing

Product may change appearance if exposed to cold temperatures during shipment or storage.
 If this happens, please gently warm to 45-50°C and mix until normal appearance is restored.

Note: 1) Refer to Inhibition Activity Data.

QA Signature _____ Emily Fitzpatrick
 Date _____ March 26, 2020 _____

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Inhibition Activity Data

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INCI Name: *Lactobacillus* & *Cocos Nucifera* (Coconut) Fruit Extract

Organism (ATCC #)	Minimum Inhibitory Concentration (%)
<i>C. albicans</i> #10231	0.5
<i>A. brasiliensis</i> #16404	0.5

QA Signature _____ Monica Beltran

Date _____ March 26, 2020

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