



CERTIFICATE OF ANALYSIS

ACTIVE MICRO TECHNOLOGIES

107 Technology Drive, Lincolnton | NC 28092 USA

info@activemicrotechnologies.com • Phone: +1-704-276-7100 • Fax: +1-704-276-7101

Product Name: Leucidal Liquid® Complete
Code Number: M15024
Lot Number: 9416244
Manufacture Date: September 11, 2025
Re-Test Date: September 11, 2026
CAS #'s: 1686112-10-6 & 68333-16-4 & 8001-31-8
EINECS #'s: N/A & N/A & 232-282-8
INCI Name: Leuconostoc/Radish Root Ferment Filtrate & Lactobacillus & Cocos Nucifera (Coconut) Fruit Extract

Specification	Parameter	Result
Appearance	Clear to Hazy Liquid	Pass
Color (Gardner)	6 Maximum	1
Odor	Characteristic	Pass
pH	5.0 – 9.0	7.7
NVM (1g-105°C-1hr)	37.0 – 46.0%	42.1
Phenolics (tested as Salicylic Acid) ¹	14.0 – 17.0%	15.6
Heavy Metals	< 20 ppm	< 20 ppm
Lead	< 10 ppm	< 10 ppm
Arsenic	< 2 ppm	< 2 ppm
Cadmium	< 1 ppm	< 1 ppm
Bacteriocins (HPLC)	0.10 – 0.50%	0.22
Minimum Inhibitory Concentration ²		
Organism (ATCC#)		
E. coli (#8739)	0.50 – 4.00%	Pass
S. aureus (#6538)	0.25 – 2.00%	Pass
P. aeruginosa (#9027)	0.25 – 2.00%	Pass
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;

Prior to use, container must be warmed to 35 - 40°C and mixed until clear.

May sediment upon 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) Phenolic compounds of natural origin, tested as Salicylic acid via USP HPLC method.
- 2) Refer to Inhibition Activity Data

QA Signature _____ Tucker Munday

Date _____ September 19, 2025

This is an Electronically Generated Document

Information contained in this technical literature is believed to be accurate and is offered in good faith for the benefit of the customer. The company, however, cannot assume any liability or risk involved in the use of its chemical products since the conditions of use are beyond our control. Statements concerning the possible use of our products are not intended as recommendations to use our products in the infringement of any patent. We make no warranty of any kind, expressed or implied, other than that the material conforms to the applicable standard specification.