

Specification

Product Name: PhytoCide Lichen
Code Number: M16008
CAS #'s: 513-85-9 & 92346-91-3
EINECS #'s: 208-173-6 & 296-176-3
INCI Name: 2,3-Butanediol & Cladonia Rangiferina Extract

Specification	Parameter
Appearance	Clear to Slightly Hazy Liquid
Color	Light Yellow to Amber
Odor	Characteristic
pH (Direct)	6.0 – 8.0
Usnic Acid (UV-Vis)	0.15 – 0.30%
Heavy Metals	< 20 ppm
Lead	< 10 ppm
Arsenic	< 2 ppm
Cadmium	< 1 ppm
Minimum Inhibitory Concentration ¹ Organism (ATCC#)	
E. coli (#8739)	0.25 – 1.00%
S. aureus (#6538)	0.12 – 0.50%
P. aeruginosa (#9027)	0.25 – 1.00%
C. albicans (#10231)	0.12 – 0.50%
A. brasiliensis (#16404)	0.12 – 0.50%

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

When handling this product please prevent exposure to temperatures above 25°C and prolonged exposure to UV. Exposure to temperatures above 25°C and direct UV may cause darkening.

Note:

- 1) Refer to Inhibition Activity Data