



Certificate of Analysis

Product Name: Leucidal SF Max Liquid Salicylate Free Preservative
Lot Number: 37220

Manufacture Date: February 6, 2024
Re-Test Date: February 6, 2025
CAS #'s: 1686112-36-6 (or) 68333-16-4
EINECS #'s: N/A (or) N/A
INCI Name: Lactobacillus Ferment

Specification	Parameter	Result
Appearance	Clear to Slightly Hazy Liquid	Pass
Color	Colorless to Yellow	Pass
Odor	Characteristic	Pass
Solids (1g/1hr/105°C)	20.0 – 25.0%	20.9
pH (Direct)	4.0 – 11.0	5.1
Heavy Metals	< 20 ppm	< 20 ppm
Lead	< 10 ppm	< 10 ppm
Arsenic	< 2 ppm	< 2 ppm
Cadmium	< 1 ppm	< 1 ppm
Bacteriocins (HPLC)	5.00 – 10.00%	9.01
Minimum Inhibitory Concentration Organism (ATCC#)		
E. coli (#8739)	0.25 – 1.00%	Pass
S. aureus (#6538)	0.25 – 1.00%	Pass
P. aeruginosa (#9027)	0.25 – 1.00%	Pass
C. albicans (#10231)	0.25 – 1.00%	Pass
A. brasiliensis (#16404)	0.25 – 1.00%	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.

QA Signature Tori Hoag

Date April 16, 2024

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