

CERTIFICATE OF ANALYSIS

PRODUCT LP0029B
LAB-LEMCO POWDER (BEEF EXTRACT) 500g

LOT NUMBER 6140199

EXPIRY DATE 2029.07.31

DATE OF MANUFACTURE 2024.07.03

Delivery/Customer information

Date Printed

2024.07.26

Delivery No.

Customer

Customer Order Number

Physical Characteristics	Results	Specification
Appearance	Straw powder	Straw powder
Absorbance @ 450nm	0.248	0.160 - 0.460
pH (25°C)	7.1	7.0 - 7.4
Clarity	Clear	Clear
Loss on drying (%)	4.8	0.0 - 7.5
Ash (%)	11.3	0.0 - 15.0
Sodium chloride (%)	0.6	0.0 - 5.0
Formol nitrogen (%)	3.6	2.3 - 3.6
Total nitrogen (%)	13.0	11.5 - 15.6
Total viable count <10,000 cfu/g	Satisfactory	Conforms to specification
Spore count <1,000 spores/g	Satisfactory	Conforms to specification

Microbiological Performance	Initial Inoculum	Test Result
Aerobic incubation at 37°C for 24 hours		
<i>Escherichia coli</i> ATCC®25922	33	Turbid growth
<i>Staphylococcus aureus</i> ATCC®9144	56	Turbid growth
<i>Enterococcus faecalis</i> ATCC®29212	25	Turbid growth
Aerobic incubation at 35 ± 2°C for 72 hours		
Fermentable carbohydrates		
<i>Escherichia coli</i> ATCC®25922	1E+04-1E+06	Negative
Aerobic incubation at 35 ± 2°C for 24 hours		
Indole production		
<i>Escherichia coli</i> ATCC®25922	1E+04-1E+06	Positive
Aerobic incubation at 35 ± 2°C for 42-48 hours		
Hydrogen sulphide production		
<i>Salmonella enteritidis</i> ATCC®13706	1E+04-1E+06	Positive
Aerobic incubation at 37°C for 24 hours		
Acetylmethylcarbinol		
<i>Enterobacter aerogenes</i> ATCC®13048	1E+04-1E+06	Positive

Control Media: Tryptone Soya Agar

Refer to product specification for full details.

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Lot Accepted. 2024.07.11

This certificate is produced electronically and valid without a signature.

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