

CERTIFICATE OF ANALYSIS

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

LOT NUMBER 6123085

EXPIRY DATE 2029.06.30

DATE OF MANUFACTURE 2024.05.19

Delivery/Customer information

Date Printed

2024.06.25

Delivery No.

Customer

Customer Order Number

Physical Characteristics	Results	Specification
Appearance	Straw powder	Straw powder
Absorbance @ 450nm	0.287	0.160 - 0.460
pH (25°C)	7.1	7.0 - 7.4
Clarity	Clear	Clear
Loss on drying (%)	1.9	0.0 - 7.5
Ash (%)	11.2	0.0 - 15.0
Sodium chloride (%)	0.1	0.0 - 5.0
Formol nitrogen (%)	3.1	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	37	Turbid growth
<i>Staphylococcus aureus</i> ATCC®9144	39	Turbid growth
<i>Enterococcus faecalis</i> ATCC®29212	33	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.

CERTIFICATE OF ANALYSIS

PRODUCT	LP0029B
LOT NUMBER	LAB-LEMCO POWDER (BEEF EXTRACT) 500g
	6123085

The accuracy of the information provided in this certificate of analysis / conformity is considered reliable. However, it is important to note that (i) the information is only applicable, and (ii) the product is only approved, for the product's intended use as specified on the label, specification, and website. No warranty is hereby implied. This certificate may only be reproduced in its entirety and cannot be replicated partially or in any altered form.

Lot Accepted. 2024.05.28

This certificate is produced electronically and valid without a signature.

ATCC is a registered trade mark of the American Type Culture Collection.

NCTC and National Collection of Type Cultures are registered trade marks of the Health Protection Agency.