

CERTIFICATE OF ANALYSIS

PRODUCT LP0021B
YEAST EXTRACT (POWDER) 500g

LOT NUMBER 4502304

EXPIRY DATE 2027.09.03

**DATE OF
MANUFACTURE** 2024.09.03

Delivery/Customer information

Date Printed

2025.04.29

Delivery No.

Customer

Customer Order Number

Physical Characteristics	Results	Specification
Appearance	Straw powder	Straw powder
Absorbance @ 450nm	0.311	0.240 - 0.450
pH (25°C)	7.0	6.8 - 7.2
Clarity	Clear	Clear
Loss on drying (%)	4.6	0.0 - 6.0
Ash (%)	15.9	9.8 - 16.0
Sodium chloride (%)	0.2	0.0 - 0.5
Amino nitrogen (%)	4.9	4.5 - 5.8
Total nitrogen (%)	10.4	10.0 - 12.5
Calcium (ppm)	224	0 - 500
Total viable count <10,000 cfu/g	Satisfactory	Conforms to specification
Spore count <2,000 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	45	Turbid growth
<i>Staphylococcus aureus</i> ATCC®9144	65	Turbid growth
<i>Enterococcus faecalis</i> ATCC®29212	47	Turbid growth
Aerobic incubation at 35 ± 2°C for 72 hours		
Fermentable carbohydrates		
<i>Escherichia coli</i> ATCC®25922	1E+04-1E+06	Positive
Aerobic incubation at 35 ± 2°C for 24 hours		
Indole production		
<i>Escherichia coli</i> ATCC®25922	1E+04-1E+06	Positive

Control Medium: Tryptone Soya Agar

Refer to product specification for full details.

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Lot Accepted. 2025.04.09

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