

## CERTIFICATE OF ANALYSIS

**PRODUCT** LP0021T  
YEAST EXTRACT (POWDER) 5 kg

**LOT NUMBER** 4494217

**EXPIRY DATE** 2027.06.03

**DATE OF  
MANUFACTURE** 2024.06.03

## Delivery/Customer information

Date Printed

2025.05.01

Delivery No.

Customer

Customer Order Number

Physical Characteristics	Results	Specification
Appearance	Straw powder	Straw powder
Absorbance @ 450nm	0.380	0.240 - 0.450
pH (25°C)	7.0	6.8 - 7.2
Clarity	Clear	Clear
Loss on drying (%)	4.7	0.0 - 6.0
Ash (%)	13.5	9.8 - 16.0
Sodium chloride (%)	0.2	0.0 - 0.5
Amino nitrogen (%)	5.3	4.5 - 5.8
Total nitrogen (%)	11.2	10.0 - 12.5
Calcium (ppm)	214	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
<b>Aerobic incubation at 37°C for 24 hours</b>		
<i>Escherichia coli</i> ATCC®25922	62	Turbid growth
<i>Staphylococcus aureus</i> ATCC®9144	52	Turbid growth
<i>Enterococcus faecalis</i> ATCC®29212	34	Turbid growth
<b>Aerobic incubation at 35 ± 2°C for 72 hours</b>		
<b>Fermentable carbohydrates</b>		
<i>Escherichia coli</i> ATCC®25922	1E+04-1E+06	Positive
<b>Aerobic incubation at 35 ± 2°C for 24 hours</b>		
<b>Indole production</b>		
<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. 2025.02.28

This certificate is produced electronically and valid without a signature.

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

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