

CERTIFICATE OF ANALYSIS

PRODUCT LP0072B
PEPTONE SPECIAL 500g

LOT NUMBER 6262748

EXPIRY DATE 2030.05.31

DATE OF MANUFACTURE 2025.04.29

Delivery/Customer information

Date Printed

2025.05.19

Delivery No.

Customer

Customer Order Number

Physical Characteristics	Results	Specification
Appearance	Straw powder	Straw powder
Absorbance @ 450nm	0.248	0.135 - 0.327
pH (25°C)	7.1	7.1 - 7.5
Clarity	Clear	Clear
Loss on drying (%)	4.5	0.0 - 7.5
Ash (%)	10.5	0.0 - 16.1
Sodium chloride (%)	3.0	0.0 - 5.6
Formol nitrogen (%)	3.4	3.0 - 4.6
Total nitrogen (%)	12.3	11.0 - 13.0
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	56	Turbid growth
<i>Staphylococcus aureus</i> ATCC®9144	74	Turbid growth
<i>Enterococcus faecalis</i> ATCC®29212	42	Turbid growth
Aerobic incubation at 35 ± 2°C for 72 hours		
Fermentable carbohydrates		
<i>Escherichia coli</i> ATCC®25922	1E+04-1E+06	Weak positive
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®13076	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 Medium: Tryptone Soya Agar

Refer to product specification for full details.

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Lot Accepted. 2025.05.12

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