

CERTIFICATE OF ANALYSIS

PRODUCT LP0042T
TRYPTONE 5kg

LOT NUMBER 6249939

EXPIRY DATE 2030.04.30

**DATE OF
MANUFACTURE** 2025.03.25

Delivery/Customer information

Date Printed

2025.05.16

Delivery No.

Customer

Customer Order Number

Physical Characteristics	Results	Specification
Appearance	Straw powder	Straw powder
Absorbance @ 450nm	0.016	0.000 - 0.066
pH (25°C)	7.4	7.1 - 7.5
Clarity	Clear	Clear
Loss on drying (%)	3.9	0.0 - 6.5
Ash (%)	9.2	0.0 - 15.0
Formol nitrogen (%)	3.7	3.4 - 4.0
Total nitrogen (%)	13.1	>10.0
Total viable count <10,000 cfu/g	Satisfactory	Conforms to specification
Spore count <1,000 spores/g	Satisfactory	Conforms to specification

Microbiological Performance	Control cfu	Test cfu	Recovery Test %	Description
A 2% w/v solution tested with the addition of 0.5% w/v sodium chloride and 1.2% w/v bacteriological agar				
Aerobic incubation at 37°C for 24 hours				
<i>Escherichia coli</i> ATCC®25922	43	41	95	Straw cols
<i>Enterobacter aerogenes</i> ATCC®13048	69	70	101	Straw cols
<i>Salmonella typhimurium</i> ATCC®14028	39	49	127	Straw cols
<i>Pseudomonas aeruginosa</i> ATCC®9027	52	48	93	Straw cols
<i>Staphylococcus aureus</i> ATCC®6538	30	37	123	Cream cols
Enriched with 5% v/v sheep blood				
Aerobic incubation at 37°C for 48 hours				
<i>Streptococcus pneumoniae</i> ATCC®6303	15	16	110	Grey/green, mucoid cols, alpha haem
<i>Streptococcus pyogenes</i> ATCC®19615	22	24	107	White cols, beta haem
<i>Streptococcus galactiae</i> ATCC®12386	36	32	89	White cols, beta haem
Enriched with 10% v/v horse blood (chocolated)				
Aerobic incubation in 10% CO2 at 37°C for 48 hours				
<i>Neisseria gonorrhoeae</i> ATCC®19424	46	41	90	Grey/brown cols

CERTIFICATE OF ANALYSIS

PRODUCT LP0042T
TRYPTONE 5kg
LOT NUMBER 6249939

Aerobic incubation at 37°C for 24 hours

	Initial Inoculum	Test Result
<i>Escherichia coli</i> ATCC®25922	38	Turbid growth
<i>Staphylococcus aureus</i> ATCC®9144	62	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	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®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 Media: Tryptone Soya Agar, Columbia Blood Agar Base, GC Agar Base with the addition of Vitox and Soluble Haemoglobin

Refer to product specification for full details.

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. 2025.04.09

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.