

CERTIFICATE OF ANALYSIS

PRODUCT CM1049B
BUFFERED PEPTONE WATER (ISO) 500g

LOT NUMBER 6267411

EXPIRY DATE 2030.05.31

DATE OF MANUFACTURE 2025.05.08

Delivery/Customer information

Date Printed

2025.05.23

Delivery No.

Customer

Customer Order Number

Physical Characteristics	Results	Specification
Appearance	Straw powder	Straw powder
Colour on reconstitution	Straw 3	Straw 1-3
pH (25°C)	6.9	6.8 - 7.2
Clarity	Clear	Clear

Microbiological Performance	Control cfu	Test cfu	Recovery Test %	Description
-----------------------------	----------------	-------------	--------------------	-------------

Testing has been performed in accordance with ISO11133:2014

Aerobic incubation at 37 ± 2°C for 18 ± 2 hours

Tested as a diluent

A satisfactory result is represented by recovery of ± 30% of the control cfu (0 minutes) after holding at 20-25°C for 45 minutes to 1 hour for *Escherichia coli* and *Staphylococcus aureus* and after holding at 18-22°C for 1 hour ± 5 mins for *Listeria monocytogenes*.

<i>E. coli</i> ATCC®25922 WDCM00013	92	88	96	White/grey cols
<i>E. coli</i> ATCC®8739 WDCM00012	101	113	112	White/grey cols
<i>S. aureus</i> ATCC®25923 WDCM00034	63	64	102	White/grey cols
<i>L. mono.</i> ATCC®35152 WDCM00109	61	69	112	White/grey cols
<i>L. mono.</i> ATCC®13932 WDCM00021	63	59	94	White/grey cols

Tested as a non-selective pre-enrichment broth

A satisfactory result is represented by visible growth from an inoculum of 10-100 cfu.

	Initial Inoculum	Test Result
<i>S. typhimurium</i> ATCC®14028 WDCM00031	51	Turbid growth
<i>S. enteritidis</i> ATCC®13076 WDCM00030	50	Turbid growth
<i>E. coli</i> ATCC®25922 WDCM00013	40	Turbid growth
<i>E. coli</i> ATCC®8739 WDCM00012	42	Turbid growth

OXOID LIMITED

Wade Road, Basingstoke, Hampshire RG24 8PW. England

www.ThermoFisher.com

CERTIFICATE OF ANALYSIS

PRODUCT CM1049B
LOT NUMBER 6267411
BUFFERED PEPTONE WATER (ISO) 500g

Testing has been performed in accordance with ISO22964:2017

Aerobic incubation at $36 \pm 2^{\circ}\text{C}$ for 18 ± 2 hours

Tested as a non-selective pre-enrichment broth

	Initial Inoculum	Test Result
<i>C. sakazakii</i> ATCC®29544 WDCM00214	36	Turbid growth
<i>C. mytjensii</i> ATCC®51329 WDCM00213	43	Turbid growth

Aerobic incubation at $37 \pm 2^{\circ}\text{C}$ for 18 ± 2 hours

Tested as a non-selective pre-enrichment broth

<i>Salmonella nottingham</i> NCTC7832	50	Turbid growth
<i>Salmonella poona</i> NCTC4840	71	Turbid growth
<i>Escherichia coli</i> ATCC®11775	61	Turbid growth

Control Medium: Tryptone Soya Agar

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. 2025.05.23

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.