

CERTIFICATE OF ANALYSIS

PRODUCT CM1049B
BUFFERED PEPTONE WATER (ISO) 500g

LOT NUMBER 6256060

EXPIRY DATE 2030.04.30

DATE OF MANUFACTURE 2025.04.10

Delivery/Customer information

Date Printed

2025.04.29

Delivery No.

Customer

Customer Order Number

Physical Characteristics

Results

Specification

Appearance
Colour on reconstitution
pH (25°C)
Clarity

Straw powder
Straw 2
7.0
Clear

Straw powder
Straw 1-3
6.8 - 7.2
Clear

Microbiological Performance

Control
cfu

Test
cfu

Recovery Test
% Description

Testing has been performed in accordance with ISO11133:2014

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

Tested as a diluent

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

<i>E. coli</i> ATCC®25922 WDCM00013	68	53	78	White/grey cols
<i>E. coli</i> ATCC®8739 WDCM00012	86	108	126	White/grey cols
<i>S. aureus</i> ATCC®25923 WDCM00034	84	98	117	White/grey cols
<i>L. mono.</i> ATCC®35152 WDCM00109	68	78	116	White/grey cols
<i>L. mono.</i> ATCC®13932 WDCM00021	77	83	108	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	60	Turbid growth
<i>S. enteritidis</i> ATCC®13076 WDCM00030	65	Turbid growth
<i>E. coli</i> ATCC®25922 WDCM00013	57	Turbid growth
<i>E. coli</i> ATCC®8739 WDCM00012	40	Turbid growth

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CERTIFICATE OF ANALYSIS

PRODUCT CM1049B
LOT NUMBER 6256060
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	58	Turbid growth
<i>C. mytjensii</i> ATCC®51329 WDCM00213	47	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	92	Turbid growth
<i>Salmonella poona</i> NCTC4840	84	Turbid growth
<i>Escherichia coli</i> ATCC®11775	69	Turbid growth

Control Medium: Tryptone Soya Agar

Refer to product specification for full details.

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Lot Accepted. 2025.04.17

This certificate is produced electronically and valid without a signature.

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