

# CERTIFICATE OF ANALYSIS

**PRODUCT** CM1065T  
**COLD FILTERABLE TRYPTONE SOYA BROTH 5kg**

**LOT NUMBER** 6232881

**EXPIRY DATE** 2030.03.31

**DATE OF MANUFACTURE** 2025.04.01

## Delivery/Customer information

Date Printed

2025.05.02

Delivery No.

Customer

Customer Order Number

Physical Characteristics	Results	Specification
Appearance	Straw powder	Straw powder
Colour on reconstitution	Straw 3	Straw 2-3
pH (25°C) - post autoclaving	7.2	7.1 - 7.5
pH (25°C) - post filtration	7.5	7.1 - 7.5
Clarity	Clear	Clear
Filterability Vcap PVDF (l/m <sup>2</sup> )	5824	>2800
Vcap PVDF Disc test (ml/47mm disc)	8153	>3920
Vcap PES (l/m <sup>2</sup> )	4828	>2800
Vcap PES Disc test (ml/47mm disc)	6759	>3920
Vcap Nylon (l/m <sup>2</sup> )	7317	>2800
Vcap Nylon Disc test (ml/47mm disc)	10244	>3920
Sterility @ 20-25°C & 30-35°C for 14days	Conforms	Conforms

Microbiological Performance	Initial Inoculum	Test Result
<b>Tested in accordance with current USP/EP/BP/JP</b>		
<b>Aerobic incubation at 30-35°C for 24 hours</b>		
<i>Escherichia coli</i> ATCC®8739	59	Turbid growth
<i>Staphylococcus aureus</i> ATCC®6538	36	Turbid growth
<i>Pseudomonas aeruginosa</i> ATCC®9027	73	Turbid growth
<i>Salmonella abony</i> NCTC6017	88	Turbid growth
<i>Salmonella typhimurium</i> ATCC®14028	49	Turbid growth
<b>Aerobic incubation at 30-35°C for up to 3 days</b>		
<i>Kocuria rhizophila</i> ATCC®9341	10	Turbid growth
<b>Aerobic incubation at 20-25°C for 48 hours</b>		
<i>Bacillus subtilis</i> ATCC®6633	61	Flocculent/surface growth
<i>Candida albicans</i> ATCC®10231	12	Flocculent/surface growth
<b>Aerobic incubation at 20-25°C for 5 days</b>		
<i>Aspergillus brasiliensis</i> ATCC®16404	50	White mycelia, no spores

## CERTIFICATE OF ANALYSIS

**PRODUCT** CM1065T  
**LOT NUMBER** COLD FILTERABLE TRYPTONE SOYA BROTH 5kg  
6232881

### Irradiation Dose

Minimum irradiation dose in kGy	46	30 - 70
Maximum irradiation dose in kGy	65	30 - 70

Control Media: Tryptone Soya Agar, Columbia Blood Agar enriched with 5% v/v horse blood or Sabouraud Dextrose Agar, where appropriate

A satisfactory result is represented by visible growth from an inoculum of 10-100 colony-forming units (cfu). Refer to product specification for full details.

A satisfactory sterility test result is represented by no visible microbial growth after incubation for 14 days at 20-25°C in Tryptone Soya Broth (CM0129) and at 30-35°C in Fluid Thioglycollate Medium (CM0173).

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. 2025.05.02

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.