



# Certificate of Analysis

1.05459.0500 Tryptic Soy Broth Casein-peptone soymeal-peptone broth for microbiology  
(According harm. EP/USP/JP and ISO)

Batch VM809159

	Spec. Values	Batch Values
Appearance (clearness)	clear	clear
Appearance (color)	yellowish brown	yellowish-brown
pH-value (25 °C)	7.1 - 7.5	7.3
Stability test (7 days, room temperature)	clear	passes test

Typical composition (g/litre): Pepton from casein 17.0; Pepton from soymeal 3.0; D(+)-Glucose monohydrate 2.5; Sodium chloride 5.0; di-Potassium hydrogen phosphate 2.5.

Growth promotion test in accordance with the harmonised method of EP, USP and JP.

	Spec. Values	Batch Values
Inoculum on reference medium (Staphylococcus aureus ATCC 6538 (WDCM 00032))	10 - 100	62
Inoculum on reference medium (Bacillus subtilis ATCC 6633 (WDCM 00003))	10 - 100	68
Inoculum on reference medium (Pseudomonas aeruginosa ATCC 9027 (WDCM 00026))	10 - 100	31
Inoculum on reference medium (Escherichia coli ATCC 8739 (WDCM 00012))	10 - 100	88
Inoculum on reference medium (Streptococcus pneumoniae ATCC 6301)	10 - 100	77
Inoculum on reference medium (Salmonella typhimurium ATCC 14028 (WDCM 00031))	10 - 100	46
Inoculum on reference medium (Staphylococcus aureus ATCC 25923 (WDCM 00034))	10 - 100	30
Inoculum on reference medium (Staphylococcus epidermidis ATCC 12228 (WDCM 00036))	10 - 100	28
Inoculum on reference medium (Candida albicans ATCC 2091 (WDCM 00055))	10 - 100	29
Inoculum on reference medium (Candida albicans ATCC 10231 (WDCM 00054))	10 - 100	75
Inoculum on reference medium (Aspergillus brasiliensis (formerly A. niger) ATCC 16404 (WDCM 00053))	10 - 100	60

reference medium: Tryptic Soy Agar (Escherichia coli, Staphylococcus aureus, Streptococcus pneumoniae, Bacillus subtilis, Pseudomonas aeruginosa, Salmonella typhimurium, Staphylococcus epidermidis), SABOURAUD-2%-Glucose Agar (Candida albicans, Aspergillus brasiliensis)

	Spec. Values	Batch Values
Growth / 18-24h at 30-35°C (Staphylococcus aureus ATCC 6538(WDCM 00032))	visible growth	passes test

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Growth / 18-24h at 30-35°C (Bacillus subtilis ATCC 6633 (WDCM 00003))	visible growth	passes test
Growth / 18-24h at 30-35°C (Pseudomonas aeruginosa ATCC 9027 (WDCM 00026))	visible growth	passes test
Growth / 18-24h at 30-35°C (Escherichia coli ATCC 8739 (WDCM 00012))	visible growth	passes test
Growth / 18-24h at 30-35°C (Streptococcus pneumoniae ATCC 6301)	visible growth	passes test
Growth / 18-24h at 30-35°C (Salmonella typhimurium ATCC 14028 (WDCM 00031))	visible growth	passes test
Growth / 3 days at 20-25°C (Staphylococcus aureus ATCC 6538 (WDCM 00032))	visible growth	passes test
Growth / 3 days at 20-25°C (Staphylococcus aureus ATCC 25923 (WDCM 00034))	visible growth	passes test
Growth / 3 days at 20-25°C (Staphylococcus epidermidis ATCC 12228 (WDCM 00036))	visible growth	passes test
Growth / 3 days at 20-25°C (Bacillus subtilis ATCC 6633 (WDCM 00003))	visible growth	passes test
Growth / 5 days at 20-25°C (Candida albicans ATCC 2091 (WDCM 00055))	visible growth	passes test
Growth / 5 days at 20-25°C (Candida albicans ATCC 10231 (WDCM 00054))	visible growth	passes test
Growth / 5 days at 20-25°C (Aspergillus brasiliensis (formerly A. niger) ATCC 16404 (WDCM 00053))	visible growth	passes test

The casein used for processing the Pepton from casein as contained is being sourced from healthy cows and declared good for human consumption. The casein is acid precipitated. Therefore, this product does not come under the scope of Ph.Eur. 5.2.8.  
For details, please request our BSE-certificate.

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Expiry date (DD.MM.YYYY) 01.11.2022

Stefanie Fischer

Responsible laboratory manager quality control

This document has been produced electronically and is valid without a signature.