

# QUALITY CONTROL CERTIFICATE



Product name : Tryptone Soya Broth (USP)  
Abbreviation : TSB  
Article code : T406.78.1000  
Filling Volume : 1000 ml

Batch number : 20200900155  
Storage temp. : 2-25 °C  
Expiration date : 06-09-2021  
*(for sealed enclosure as dd-mm-yyyy )*

## ***Typical Formula***

*Ingredients per litre of nutrient medium \* :*

Pancreatic digest of casein	17	gr
Enzymatic digest of soya bean	3	gr
Sodium chloride	5	gr
Dipotassium hydrogen phosphate	2.5	gr
Glucose	2.5	gr
Demiwater	1000	ml

*\* Adjusted as required to meet performance standards.*

## ***Physical Properties***

<b>Test</b>	<b>Criterion</b>	<b>Result</b>	<b>Conforms</b>
pH	7,3 ± 0,2	7,4	C
Color	yellow	yellow	C
Consistency	broth	broth	C
Appearance	Clear:Yes Partic.:No	Clear:Yes Part.:No	C

## ***Sterility Check***

<b>Incubation-condition</b>	<b>Result</b>	<b>Conforms</b>
332-432 hours 22,5 ± 2,5 °C	Sterile	C

***Growth Properties on next page.***

# Laboratory Report

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## Growth Properties

### • Incubation-condition : 40-72 hours 22,5 ±2,5 °C Aerobic

Micro-organisms	Strain	Method*	Electivity**	CFU	CFU-ref	Result	Crit.	Conf.
Bacillus subtilis	ATCC 6633 WDCM 00003 NCTC 10400	03	n.a.	n.a.	94	2	≥ 1	C
Aspergillus brasiliensis	ATCC 16404 WDCM 00053	03	n.a.	n.a.	38	2	≥ 1	C
Candida albicans	ATCC 10231 WDCM 00054	03	n.a.	n.a.	83	2	≥ 1	C

### • Incubation-condition : 40-72 hours 32,5 ±2,5 °C Aerobic

Micro-organisms	Strain	Method*	Electivity**	CFU	CFU-ref	Result	Crit.	Conf.
Bacillus subtilis	ATCC 6633 WDCM 00003 NCTC 10400	03	n.a.	n.a.	94	2	≥ 1	C
Staphylococcus aureus	ATCC 6538 WDCM 00032 NCTC 10788	03	n.a.	n.a.	47	2	≥ 1	C
Pseudomonas aeruginosa	ATCC 9027 WDCM 00026	03	n.a.	n.a.	43	2	≥ 1	C

\* Method 03 = TV 5.03 Non-selective enrichment media ; Growth promotion test (acc European Pharmacopoeia 8.0)  
Result: Turbidity ; 2 = good, 1 = slight, 0 = no turbidity ; inoculum ≤100 cfu

\*\* Electivity denotes the properties of the colony and/or their effect on the morphological characteristics of the medium  
CFU denotes Colony Forming Units counted on batch. CFU-ref denotes Colony Forming Units counted on reference plate.  
C = Conforms  
Do not expose the product to intense light.  
The test results reported on this quality control certificate were obtained from a sample of the batch at the time of release.

Authorisation QC :

Peggy Spaan  
22-09-2020  
(dd-mm-yyyy)



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