

QUALITY CONTROL CERTIFICATE



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

Batch number : 20210400560
Storage temp. : 2-25 °C
Expiration date : 28-04-2022
(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

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

Sterility Check

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

Growth Properties on next page.

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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.	27	2	≥ 1	C
Aspergillus brasiliensis	ATCC 16404 WDCM 00053	03	n.a.	n.a.	75	2	≥ 1	C
Candida albicans	ATCC 10231 WDCM 00054	03	n.a.	n.a.	46	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.	27	2	≥ 1	C
Staphylococcus aureus	ATCC 6538 WDCM 00032 NCTC 10788	03	n.a.	n.a.	82	2	≥ 1	C
Pseudomonas aeruginosa	ATCC 9027 WDCM 00026	03	n.a.	n.a.	55	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.

Our microbiological quality control is carried out by our microbiological laboratory accredited according to EN ISO/IEC 17025. (RvA Registration number: RvA-L 614).
This laboratory certificate is generated electronically and valid without a signature.
Results were obtained from laboratory report R0210400560.

Acceptance date:
30-04-2021
Authorisation QC:
Peggy Spaan
19-05-2021
(dd-mm-yyyy)

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