

QUALITY CONTROL CERTIFICATE



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

Batch number : 20220700115
Storage temp. : 2-25 °C
Expiration date : 07-07-2023
(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	7.4	C
Color	yellow	yellow	C
Consistency	broth	broth	C
Appearance	Clear:Yes Partic.:No	Clear:Yes Part.:No	C

Microbial Contamination

Incubation-condition	Result	Conforms
332-432 hours 22,5 ±2,5 °C	No contamination	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	03	n.a.	n.a.	26	2	≥ 1	C
	WDCM 00003							
	NCTC 10400							
Aspergillus brasiliensis	ATCC 16404	03	n.a.	n.a.	31	2	≥ 1	C
	WDCM 00053							
Candida albicans	ATCC 10231	03	n.a.	n.a.	59	2	≥ 1	C
	WDCM 00054							

• 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	03	n.a.	n.a.	26	2	≥ 1	C
	WDCM 00003							
	NCTC 10400							
Staphylococcus aureus	ATCC 6538	03	n.a.	n.a.	69	2	≥ 1	C
	WDCM 00032							
	NCTC 10788							
Pseudomonas aeruginosa	ATCC 9027	03	n.a.	n.a.	18	2	≥ 1	C
	WDCM 00026							

* Method 03 = TV 5.03 Non-selective enrichment media ; Growth promotion test (acc European Pharmacopoeia)
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.
n.a = Not Applicable. Crit.= Criterium 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.

Xebios is certified according to DIN EN ISO 9001. Our microbiological quality control is carried out by a microbiological laboratory accredited according to EN ISO/IEC 17025. (RvA Registration no.: RvA-L 614).
This laboratory certificate is generated electronically and valid without a signature.
Results were obtained from laboratory report R20220700115.

Release Date :
04-08-2022
(dd-mm-yyyy)

Crit.version :6 Document ID : C20220700115