

QUALITY CONTROL CERTIFICATE



Product name : Tryptone Soya Agar
Abbreviation : TSA
Article code : T400.76.0250.131
Filling Volume : 250 ml

Batch number : 20211200194
Storage temp. : 2-25 °C
Expiration date : 12-12-2022
(for sealed enclosure as dd-mm-yyyy)

Typical Formula

Ingredients per litre of nutrient medium * :

Pancreatic digest of casein	15	gr
Papaic digest of soybean meal	5	gr
Sodium chloride	5	gr
Agar	15	gr
Demiwater	1000	ml

* Adjusted as required to meet performance standards.

Physical Properties

Test	Criterion	Result	Conforms
pH	7.3 ± 0.2	7.1	C
Color	cream	cream	C
Consistency	agar	agar	C
Gel Strength		Conforms	C
Appearance	Clear:Yes Partic.:No	Clear:Yes Part.:No	C

Sterility Check

Incubation-condition	Result	Conforms
44-52 hours 30 ± 1 °C	Sterile	C

Growth Properties on next page.

Quality Control Certificate

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Growth Properties

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

Micro-organisms	Strain	Method*	Electivity**	CFU	CFU-ref	Result	Crit.	Conf.
Staphylococcus aureus	ATCC 6538 WDCM 00032 NCTC 10788	05	cream	35	36	0.97	≥ 0.7	C
Bacillus subtilis	ATCC 6633 WDCM 00003 NCTC 10400	05	cream	66	58	1.14	≥ 0.7	C
Pseudomonas aeruginosa	ATCC 9027 WDCM 00026	05	green	39	32	1.22	≥ 0.7	C
Aspergillus brasiliensis	ATCC 16404 WDCM 00053	05	white/black	52	51	1.02	≥ 0.7	C
Candida albicans	ATCC 10231 WDCM 00054	05	white	42	39	1.08	≥ 0.7	C

* Method 05 = TV 5.05 Non-selective enumeration agar ; Growth promotion test (acc European Pharmacopoeia 8.0)
Result: Productivity-Ratio (cfu test / cfu ref) ; 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 R20211200194.

Acceptance date:
14-12-2021
Authorisation QC:
Leon Thomassen
17-12-2021
(dd-mm-yyyy)

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