

QUALITY CONTROL CERTIFICATE



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

Batch number : 20230400590
Storage temp. : 2-25 °C
Expiration date : 24-04-2024
(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

Microbial Contamination

Incubation-condition	Result	Conforms
44-52 hours 30 ± 1 °C	No contamination	C

Growth Properties on next page.

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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	05	cream	29	32	0.91	≥ 0.7	C
	WDCM 00032							
	NCTC 10788							
Bacillus subtilis	ATCC 6633	05	cream	30	36	0.83	≥ 0.7	C
	WDCM 00003							
	NCTC 10400							
Pseudomonas aeruginosa	ATCC 9027	05	green	46	55	0.84	≥ 0.7	C
	WDCM 00026							
Aspergillus brasiliensis	ATCC 16404	05	white/black	79	95	0.83	≥ 0.7	C
	WDCM 00053							
Candida albicans	ATCC 10231	05	white	30	26	1.15	≥ 0.7	C
	WDCM 00054							

* Method 05 = TV 5.05 Non-selective enumeration agar ; Growth promotion test (acc European Pharmacopoeia)
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.
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 Diagnostics Group is certified according to DIN EN ISO 9001. Our microbiological quality control is carried out by our EN ISO/IEC 17025 accredited laboratory (RVA Registration no: RvA-L 614) at Tritium Microbiologie BV, Eindhoven.
Tritium Microbiologie BV is part of Xebios Diagnostics Group.
This laboratory certificate is generated electronically and valid without a signature.
Results were obtained from laboratory report R20230400590.

Release Date :
04-05-2023
(dd-mm-yyyy)

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