

QUALITY CONTROL CERTIFICATE



Product name : Tryptone Soya Agar
Abbreviation : TSA
Article code : T400.76.0250
Filling Volume : 250 ml

Batch number : 20200600715
Storage temp. : 2-25 °C
Expiration date : 29-06-2021
(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	7,2	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.

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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	84	74	1.14	≥ 0.7	C
	WDCM 00032							
	NCTC 10788							
Bacillus subtilis	ATCC 6633	05	cream	56	59	0.95	≥ 0.7	C
	WDCM 00003							
	NCTC 10400							
Pseudomonas aeruginosa	ATCC 9027	05	green	48	55	0.87	≥ 0.7	C
	WDCM 00026							
Aspergillus brasiliensis	ATCC 16404	05	white/black	46	41	1.12	≥ 0.7	C
	WDCM 00053							
Candida albicans	ATCC 10231	05	white	55	53	1.04	≥ 0.7	C
	WDCM 00054							

* 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 at the time of release.

Authorisation QC :

Peggy Spaan
06-07-2020
(dd-mm-yyyy)



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