

# QUALITY CONTROL CERTIFICATE



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

Batch number : 20200600613  
Storage temp. : 2-25 °C  
Expiration date : 23-06-2021  
(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	7,3	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

Product name : Tryptone Soya Agar  
Abbreviation : TSA  
Article code : T400.76.0250

Batch number : 20200600613  
Storage temp. : 2-25 °C  
Expiration date : 23-06-2021

## 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	72	63	1.14	≥ 0.7	C
Bacillus subtilis	ATCC 6633 WDCM 00003 NCTC 10400	05	cream	66	64	1.03	≥ 0.7	C
Pseudomonas aeruginosa	ATCC 9027 WDCM 00026	05	green	71	75	0.95	≥ 0.7	C
Aspergillus brasiliensis	ATCC 16404 WDCM 00053	05	white/black	33	35	0.94	≥ 0.7	C
Candida albicans	ATCC 10231 WDCM 00054	05	white	42	52	0.81	≥ 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 at the time of release.

Authorisation QC :

Peggy Spaan  
29-06-2020  
(dd-mm-yyyy)



Crit.version :3  
Document ID : C20200600613