QUALITY CONTROL CERTIFICATE

Tritium MICROBIOLOGIE

Product name	: Tryptone Soya Agar		
Abbreviation	: TSA	Batch number	: 20200600057
Article code	: T400.76.0250	Storage temp.	: 2-25 °C
Filling Volume	: 250 ml	Expiration date	: 03-06-2021
		(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 peformance standards.*

Physical Properties

Test	Criterium	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.

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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	91	88	1.03	≥0.7	C
Bacillus subtilis	ATCC 6633 WDCM 00003 NCTC 10400	05	cream	62	59	1.05	≥0.7	C
Pseudomonas aeruginosa	ATCC 9027 WDCM 00026	05	green	48	44	1.09	≥0.7	C
Aspergillus brasiliensis	ATCC 16404 WDCM 00053	05	white/black	39	47	0.83	≥0.7	C
Candida albicans	ATCC 10231 WDCM 00054	05	white	50	59	0.85	≥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
08-06-2020
(dd-mm-yyyy)

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