QUALITY CONTROL CERTIFICATE

Tritium MICROBIOLOGIE

Product name	: Nutrient Agar		
Abbreviation	: NA 1	Batch number	: 20200900321
Article code	: N031.77.0400	Storage temp.	: 2-25 °C
Filling Volume	: 400 ml	Expiration date	: 14-09-2021
		(for sealed enclosure as dd-mm-yyyy)	

Typical Formula

*Ingredients per litre of nutrient medium * :*

Beef extract	3	gr
Peptone	5	gr
Agar	15	gr
Demiwater	1000	ml

** Adjusted as required to meet peformance standards.*

Physical Properties

Test	Criterium	Result	Conforms
pH	6,8 ± 0,2	6,7	C
Color	yellow	yellow	C
Consistency	agar	agar	C
Gel Strength		Conforms	C
Appearance	Clear:No Partic.:No	Clear:No Part.:No	C

Sterility Check

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

Growth Properties on next page.

Laboratory Report

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Growth Properties

- **Incubation-condition : 40-48 hours 30 ±1 °C Aerobic**

Micro-organisms	Strain	Method*	Electivity**	CFU	CFU-ref	Result	Crit.	Conf.
Staphylococcus aureus	ATCC 25923 WDCM 00034 NCTC 12981	04	cream-yellow	92	106	0.87	≥0.7	C
Bacillus cereus	ATCC 11778 WDCM 00001 NCTC 10320	04	cream	97	88	1.10	≥0.7	C
Escherichia coli	ATCC 25922 WDCM 00013 NCTC 12241	04	cream	97	109	0.89	≥0.7	C
Pseudomonas aeruginosa	ATCC 27853 WDCM 00025 NCTC 12903	04	green	102	82	1.24	≥0.7	C

* Method 04 = TV 5.04 Non-selective enumeration agar ; Productivity of solid media ; quantitative method (acc. ISO 11133)
Result: Productivity-Ratio (cfu test / cfu ref) ; inoculum 10^2 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
18-09-2020
(dd-mm-yyyy)

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