

# QUALITY CONTROL CERTIFICATE



Product name : Nutrient Agar  
Abbreviation : NA 1  
Article code : N031.77.0400  
Filling Volume : 400 ml

Batch number : 20210600250  
Storage temp. : 2-25 °C  
Expiration date : 09-06-2022  
*(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 performance standards.*

## ***Physical Properties***

<b>Test</b>	<b>Criterium</b>	<b>Result</b>	<b>Conforms</b>
pH	6,8 ± 0,2	7,0	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***

<b>Incubation-condition</b>	<b>Result</b>	<b>Conforms</b>
44-52 hours 30 ±1 °C	Sterile	C

***Growth Properties on next page.***

# Quality Control Certificate

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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	101	102	0.99	≥ 0.7	C
Bacillus cereus	ATCC 11778 WDCM 00001 NCTC 10320	04	cream	103	100	1.03	≥ 0.7	C
Escherichia coli	ATCC 25922 WDCM 00013 NCTC 12241	04	cream	110	117	0.94	≥ 0.7	C
Pseudomonas aeruginosa	ATCC 27853 WDCM 00025 NCTC 12903	04	green	97	114	0.85	≥ 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<sup>2</sup> 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.

Our microbiological quality control is carried out by our microbiological laboratory accredited according to EN ISO/IEC 17025. (RvA Registration number: RvA-L 614).  
This laboratory certificate is generated electronically and valid without a signature.  
Results were obtained from laboratory report R0210600250.

Acceptance date:  
11-06-2021  
Authorisation QC:  
Peggy Spaan  
14-06-2021  
(dd-mm-yyyy)

Crit.version :3 Document ID : C20210600250