

# QUALITY CONTROL CERTIFICATE



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

Batch number : 20230100086  
Storage temp. : 2-25 °C  
Expiration date : 04-01-2024  
(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

Test	Criterion	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

## Microbial Contamination

Incubation-condition	Result	Conforms
44-52 hours 30 ± 1 °C	No contamination	C

**Growth Properties on next page.**

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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	04	cream-yellow	89	90	0.99	≥ 0.7	C
	WDCM 00034							
	NCTC 12981							
Bacillus cereus	ATCC 11778	04	cream	77	88	0.88	≥ 0.7	C
	WDCM 00001							
	NCTC 10320							
Escherichia coli	ATCC 25922	04	cream	111	120	0.93	≥ 0.7	C
	WDCM 00013							
	NCTC 12241							
Pseudomonas aeruginosa	ATCC 27853	04	green	98	109	0.90	≥ 0.7	C
	WDCM 00025							
	NCTC 12903							

\* 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.  
n.a = Not Applicable. Crit.= Criterium 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.

Xebios Diagnostics Group is certified according to DIN EN ISO 9001. Our microbiological quality control is carried out by our EN ISO/IEC 17025 accredited laboratory (RVA Registration no: RvA-L 614) at Tritium Microbiologie BV, Eindhoven.  
Tritium Microbiologie BV is part of Xebios Diagnostics Group.  
This laboratory certificate is generated electronically and valid without a signature.  
Results were obtained from laboratory report R20230100086.

Release Date :  
09-01-2023  
(dd-mm-yyyy)

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