

QUALITY CONTROL CERTIFICATE



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

Batch number : 20220800513
Storage temp. : 2-25 °C
Expiration date : 22-08-2023
(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	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

Microbial Contamination

Incubation-condition	Result	Conforms
44-52 hours 30 ±1 °C	No contamination	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	96	87	1.10	≥ 0.7	C
Bacillus cereus	ATCC 11778 WDCM 00001 NCTC 10320	04	cream	91	105	0.87	≥ 0.7	C
Escherichia coli	ATCC 25922 WDCM 00013 NCTC 12241	04	cream	79	82	0.96	≥ 0.7	C
Pseudomonas aeruginosa	ATCC 27853 WDCM 00025 NCTC 12903	04	green	98	86	1.14	≥ 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 10² 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 R20220800513.

Release Date :
29-08-2022
(dd-mm-yyyy)

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