

QUALITY CONTROL CERTIFICATE



Product name : Pseudomonas-CN-Agar
Abbreviation : PCN
Article code : 40-1286
Filling Volume : 18 ml

Batch number : 12860603
Storage temp. : 4-10 °C
Expiration date : 10-11-2022
(for sealed enclosure as dd-mm-yyyy)

Typical Formula

*Ingredients in gram per litre of nutrient medium * :*

Gelatine peptone	16
Casein hydrolysate	10
Potassium sulphate, anhydrous	10
Magnesium chloride, anhydrous	1.4
Agar	11
Cetrimide	0.2
Nalidixic acid [mg]	15
Glycerine [ml]	10

* Adjusted as required to meet performance standards.

Physical Properties

Test	Criterion	Result	Conforms
pH	7.1 ± 0.2	7.1	C
Color	light beige	light beige	C
Consistency	agar	agar	C
Gel Strength		Conforms	C
Appearance	Clear:Yes Partic.:No	Clear:Yes 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 37 ±1 °C Aerobic

Micro-organisms	Strain	Method*	Electivity**	CFU	CFU-ref	Result	Crit.	Conf.
Pseudomonas aeruginosa	ATCC 10145	06	green, UV fluorescent	126	101	1.25	≥ 0.5	C
	WDCM 00024							
	NCTC 10332							
Enterococcus faecalis	ATCC 19433	07	n.a.	n.a.	27000	0	≤ 0	C
	WDCM 00009							
	NCTC 775							
Escherichia coli	ATCC 8739	07	n.a.	n.a.	20000	0	≤ 0	C
	WDCM 00012							
	NCTC 12923							

* Method 06 = TV 5.06 Selective enumeration agar ; Productivity of solid media ; quantitative method (acc. ISO 11133)

Result: Productivity-Ratio (cfu test / cfu ref) ; inoculum 10² cfu

* Method 07 = TV 5.07 Selective enumeration agar ; Selectivity of solid media ; qualitative method (acc. ISO 11133)

Result: Growth ; 2 = good, 1 = slight, 0 = no growth ; inoculum 10⁴-10⁶ 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

Keep protected from light and at a constant temperature.

The test results reported on this quality control certificate were obtained from a sample of the batch.

Xebios is certified according to DIN EN ISO 9001. Our microbiological quality control is carried out by a microbiological laboratory accredited according to EN ISO/IEC 17025. (RvA Registration no.: RvA-L 614).
This laboratory certificate is generated electronically and valid without a signature.
Results were obtained from laboratory report X20220800709.

Release Date :
10-08-2022
(dd-mm-yyyy)

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