

QUALITY CONTROL CERTIFICATE



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

Batch number : 12860599
Storage temp. : 4-10 °C
Expiration date : 27-10-2022
(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 | 104 | 110 | 0.95 | ≥ 0.5 | C |
| | WDCM 00024 | | | | | | | |
| | NCTC 10332 | | | | | | | |
| Enterococcus faecalis | ATCC 19433 | 07 | n.a. | n.a. | 30000 | 0 | ≤ 0 | C |
| | WDCM 00009 | | | | | | | |
| | NCTC 775 | | | | | | | |
| Escherichia coli | ATCC 8739 | 07 | n.a. | n.a. | 14000 | 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 X20220711753.

Release Date :
27-07-2022
(dd-mm-yyyy)

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