

QUALITY CONTROL CERTIFICATE



Product name : Legionella-GVPC-Selektivagar
Abbreviation : GVPC
Article code : 40-1602
Filling Volume : 18 ml

Batch number : 16022073
Storage temp. : 4-25 °C
Expiration date : 16-01-2024
(for sealed enclosure as dd-mm-yyyy)

Typical Formula

Ingredients in gram per litre of nutrient medium * :

| | |
|--------------------------|-------|
| Yeast extract | 10 |
| Activated charcoal | 2 |
| ACES buffer | 10 |
| L-Cysteine | 0.4 |
| Iron (III) pyrophosphate | 0.25 |
| Alpha-Ketoglutarate | 1 |
| Potassium hydroxide | 2.8 |
| Agar | 13 |
| Glycine | 3 |
| Polymyxin B [IE] | 80000 |
| Vancomycin [mg] | 1 |
| Cycloheximide | 0.08 |

* Adjusted as required to meet performance standards.

Physical Properties

| Test | Criterion | Result | Conforms |
|--------------|---------------------|-------------------|----------|
| pH | 6.8 ± 0.2 | 6.7 | C |
| Color | black | black | 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 : 116-124 hours 36 ±2 °C Aerobic

| Micro-organisms | Strain | Method* | Electivity** | CFU | CFU-ref | Result | Crit. | Conf. |
|------------------------|------------|---------|--------------|-----|---------|--------|-------|-------|
| Legionella pneumophila | ATCC 33152 | 06 | grey-white | 94 | 105 | 0.90 | ≥ 0.5 | C |
| | WDCM 00107 | | | | | | | |
| | NCTC 11192 | | | | | | | |
| Legionella anisa | ATCC 35292 | 06 | grey-white | 51 | 93 | 0.55 | ≥ 0.5 | C |
| | WDCM 00106 | | | | | | | |
| | NCTC 11974 | | | | | | | |

• Incubation-condition : 69-72 hours 37 ±1 °C Aerobic

| Micro-organisms | Strain | Method* | Electivity** | CFU | CFU-ref | Result | Crit. | Conf. |
|-----------------------|------------|---------|--------------|------|---------|--------|-------|-------|
| Escherichia coli | ATCC 25922 | 07 | n.a. | n.a. | 27000 | 0 | ≤ 1 | C |
| | WDCM 00013 | | | | | | | |
| | NCTC 12241 | | | | | | | |
| Enterococcus faecalis | ATCC 19433 | 07 | n.a. | n.a. | 12000 | 0 | ≤ 0 | C |
| | WDCM 00009 | | | | | | | |
| | NCTC 775 | | | | | | | |

* 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 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 X20231001833.

Release Date :
26-10-2023
(dd-mm-yyyy)

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