

QUALITY CONTROL CERTIFICATE



Product name : Yeast Extract Glucose Chloramphenicol Agar
Abbreviation : YGC
Article code : Y010.76.0250
Filling Volume : 250 ml

Batch number : 20211200145
Storage temp. : 2-25 °C
Expiration date : 08-12-2022
(for sealed enclosure as dd-mm-yyyy)

Typical Formula

*Ingredients per litre of nutrient medium * :*

| | | |
|-----------------|------|----|
| Yeast extract | 5 | gr |
| Glucose | 20 | gr |
| Chloramphenicol | 0.1 | gr |
| Agar | 16 | gr |
| Demiwater | 1000 | ml |

** Adjusted as required to meet performance standards.*

Physical Properties

| Test | Criterion | Result | Conforms |
|--------------|---------------------|-------------------|-----------------|
| pH | 6.6 ± 0.2 | 6.4 | C |
| Color | creamyellow | creamyellow | C |
| Consistency | agar | agar | C |
| Gel Strength | | Conforms | C |
| Appearance | Clear:No Partic.:No | Clear:No Part.:No | C |

Sterility Check

| Incubation-condition | Result | Conforms |
|-----------------------------|---------------|-----------------|
| 44-52 hours 30 ± 1 °C | Sterile | C |

Growth Properties on next page.

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Growth Properties

• Incubation-condition : 69-72 hours 22 ±1 °C Aerobic

| Micro-organisms | Strain | Method* | Electivity** | CFU | CFU-ref | Result | Crit. | Conf. |
|--------------------------|--|---------|--------------|------|---------|--------|-------|-------|
| Candida albicans | ATCC 10231 WDCM 00054 | 06 | white | 103 | 112 | 0.92 | ≥ 0.5 | C |
| Saccharomyces cerevisiae | ATCC 9763 WDCM 00058 NCTC 10716 | 06 | white | 77 | 80 | 0.96 | ≥ 0.5 | C |
| Aspergillus brasiliensis | ATCC 16404 WDCM 00053 | 06 | white/black | 46 | 90 | 0.51 | ≥ 0.5 | C |
| Staphylococcus aureus | ATCC 25923 WDCM 00034 NCTC 12981 | 07 | n.a. | n.a. | 14000 | 0 | ≤ 0 | C |
| Escherichia coli | ATCC 25922 WDCM 00013 NCTC 12241 | 07 | n.a. | n.a. | 19000 | 0 | ≤ 0 | C |

* 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.

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.

Our microbiological quality control is carried out by our microbiological laboratory accredited according to EN ISO/IEC 17025. (RvA Registration number: RvA-L 614).

This laboratory certificate is generated electronically and valid without a signature.

Results were obtained from laboratory report R20211200145.

Acceptance date:
10-12-2021

Authorisation QC:
Leon Thomassen
16-12-2021
(dd-mm-yyyy)

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