

QUALITY CONTROL CERTIFICATE



Product name : Trypticase Peptone Glucose Yeast Extract Br
Abbreviation : TPGY BROTH
Article code : T490.76.0225
Filling Volume : 225 ml

Batch number : 20220600446
Storage temp. : 2-25 °C
Expiration date : 21-06-2023
(for sealed enclosure as dd-mm-yyyy)

Typical Formula

Ingredients per litre of nutrient medium * :

| | | |
|--------------------------|------|----|
| Trypticase peptone | 50 | gr |
| Neutralized soya peptone | 5 | gr |
| D-glucose monohydrate | 4 | gr |
| Yeast extract | 20 | gr |
| Sodium thioglycolate | 1 | gr |
| Demiwater | 1000 | ml |

* Adjusted as required to meet performance standards.

Physical Properties

| Test | Criterion | Result | Conforms |
|-------------|----------------------|--------------------|----------|
| pH | 7.0 ± 0.2 | 6.9 | C |
| Color | yellow/brown | yellow/brown | C |
| Consistency | broth | broth | 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

• Incubation-condition : 40-48 hours 37 ± 1 °C Anaerobic

| Micro-organisms | Strain | Method* | Electivity** | CFU | CFU-ref | Result | Crit. | Conf. |
|-------------------------|---------------------------------------|---------|--------------|------|---------|--------|-------|-------|
| Clostridium perfringens | ATCC 13124 WDCM 00007 NCTC 6125 | 02 | n.a. | n.a. | 13 | 2 | ≥ 1 | C |

* Method 02 = TV 5.02 Non-selective enrichment media ; Productivity of liquid media ; qualitative method (acc. ISO 11133)
Result: Turbidity ; 2 = good 1 = slight 0 = no turbidity ; inoculum <=100 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.= Criterion 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 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 R20220600446.

Release Date :
29-06-2022
(dd-mm-yyyy)

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