

QUALITY CONTROL CERTIFICATE



Product name : Membrane-Clostridium-Perfringens-Agar (m-CP)
Abbreviation : MCP
Article code : 40-1288
Filling Volume : 18 ml
Batch number : 12880258
Storage temp. : 4-10 °C
Expiration date : 12-02-2022
(for sealed enclosure as dd-mm-yyyy)

Typical Formula

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

Tryptose	30
Yeast extract	20
Sucrose	5
L-Cysteine hydrochloride	1
Magnesium sulphate, anhydrous [mg]	48
Indoxyl-β-Glucosid	0.06
Bromocresol purple	0.04
Phenolphthalein diphosphate	0.1
Iron (III) chloride	0.09
Cycloserine	0.4
Polymyxin B-Sulfat [mg]	25
Agar	12

** Adjusted as required to meet performance standards.*

Physical Properties

Test	Criterion	Result	Conforms
pH	7.4 ± 0.2	7.6	C
Color	violet	violet	C
Consistency	agar	agar	C
Gel Strength		Conforms	C
Appearance	Clear:Yes Partic.:No	Clear:Yes Part.:No	C

Sterility Check

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

Growth Properties on next page.

Quality Control Certificate

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Growth Properties

• Incubation-condition : 18-24 hours 44 ±1 °C Anaerobic

Micro-organisms	Strain	Method*	Electivity**	CFU	CFU-ref	Result	Crit.	Conf.
Clostridium perfringens	ATCC 13124	06	yellow, phosph pos	74	85	0.87	≥ 0.7	C
	WDCM 00007							
	NCTC 6125							
Escherichia coli	ATCC 8739	07	n.a.	n.a.	33000	0	≤ 0	C
	WDCM 00012							
	NCTC 12923							
Clostridium bifermentans	NCTC 506	16	blue, phosph neg	n.a.	6300	2	≥ 2	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

* Method 16 = TV 5.16 selective agar ; Productivity of solid media ; qualitative method (acc ISO 11133)

Result: Growth ; 2 = good, 1 = slight, 0 = no growth ; inoculum 10³-10⁴ 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 X = Does not conform - = Not tested

Keep protected from light and at a constant temperature.

The test results reported on this report were obtained from a sample of the batch submitted to the laboratory.

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 X20211100608.

Release Date :
17-11-2021
(dd-mm-yyyy)

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