

QUALITY CONTROL CERTIFICATE



Product name : DG18 + Chloramphenicol (conform ISO 21527-2)

Abbreviation : DG CH

Article code : 41-1038

Filling Volume : 18 ml

Batch number : 20220500688

Storage temp. : 4-25 °C

Expiration date : 09-08-2022

(for sealed enclosure as dd-mm-yyyy)

Typical Formula

Ingredients per litre of nutrient medium * :

Peptone	5	gr
Glucose	10	gr
Potassium dihydrogen phosphate	1	gr
Magnesium sulphate	0.5	gr
Dichloran	0.002	gr
Agar	15	gr
Chloramphenicol	100	mg
Demiwater	1000	ml
Glycerol 99%	220	gr

* Adjusted as required to meet performance standards.

Physical Properties

Test	Criterion	Result	Conforms
pH	5.6 ± 0.2	5.6	C
Color	cream/yellow	cream/yellow	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.

Quality Control Certificate

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Growth Properties

• Incubation-condition : 116-124 hours 25 ±1 °C Aerobic

Micro-organisms	Strain	Method*	Electivity**	CFU	CFU-ref	Result	Crit.	Conf.
Candida albicans	ATCC 10231 WDCM 00054	06	white	78	89	0.88	≥ 0.5	C
Saccharomyces cerevisiae	ATCC 9763 WDCM 00058 NCTC 10716	06	white	87	88	0.99	≥ 0.5	C
Aspergillus brasiliensis	ATCC 16404 WDCM 00053	06	white/black	90	115	0.78	≥ 0.5	C
Bacillus subtilis	ATCC 6633 WDCM 00003 NCTC 10400	07	n.a.	n.a.	44000	0	≤ 0	C
Escherichia coli	ATCC 25922 WDCM 00013 NCTC 12241	07	n.a.	n.a.	40000	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.
n.a = Not Applicable. Crit.= Criterium 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 R20220500688.

Release Date :
07-06-2022
(dd-mm-yyyy)

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