

QUALITY CONTROL CERTIFICATE



Xebios
Diagnosics Group
Excellent Environment & Life

Product name : DG18 + Chloramphenicol (conform ISO 21527-2)
Abbreviation : DG18
Article code : 41-1038
Filling Volume : 18 ml

Batch number : 20230600046
Storage temp. : 2-25 °C
Expiration date : 31-01-2024
(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	Criterium	Result	Conforms
pH	5.6 ± 0.2	5.5	C
Color	cream/yellow	cream/yellow	C
Consistency	agar	agar	C
Gel Strength		Conforms	C
Appearance	Clear:Yes Partic.:No	Clear:Yes Partic.: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 25 ±1 °C Aerobic

Micro-organisms	Strain	Method*	Electivity**	CFU	CFU-ref	Result	Crit.	Conf.
Candida albicans	ATCC 10231	06	white	112	116	0.97	≥ 0.5	C
	WDCM 00054							
Saccharomyces cerevisiae	ATCC 9763	06	white	64	119	0.54	≥ 0.5	C
	WDCM 00058							
	NCTC 10716							
Aspergillus brasiliensis	ATCC 16404	06	white/black	79	89	0.89	≥ 0.5	C
	WDCM 00053							
Bacillus subtilis	ATCC 6633	07	n.a.	n.a.	15000	0	≤ 0	C
	WDCM 00003							
	NCTC 10400							
Escherichia coli	ATCC 25922	07	n.a.	n.a.	49000	0	≤ 0	C
	WDCM 00013							
	NCTC 12241							

- * 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 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 R20230600046.

Release Date :
 19-06-2023
 (dd-mm-yyyy)

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