

# QUALITY CONTROL CERTIFICATE



Product name : DG18-Agar with Chloramphenicol  
Abbreviation : DG18  
Article code : 40-1038

Batch number : 10380109

Expiration date : 21-06-2022  
(for sealed enclosure as dd-mm-yyyy )

## ***Typical Formula***

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

Casein peptone	5
Glucose	10
Potassium dihydrogen phosphate	1
Dichloran [mg]	2
Magnesium sulphate, anhydrous	0.5
Chloramphenicol	0.1
Glycerine [ml]	200
Agar	15

\* Adjusted as required to meet performance standards.

## ***Physical Properties***

Test	Criterion	Result	Conforms
pH	5.6 ± 0.2	5.8	C
Color	beige	beige	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.***

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## Growth Properties

### • Incubation-condition : 69-72 hours 22,5 ±2,5 °C Aerobic

Micro-organisms	Strain	Method*	Electivity**	CFU	CFU-ref	Result	Crit.	Conf.
Saccharomyces cerevisiae	ATCC 9763	05	white	25	34	0.74	≥ 0.5	C
	WDCM 00058							
	NCTC 10716							
Aspergillus brasiliensis	ATCC 16404	05	white-black	78	61	1.28	≥ 0.5	C
	WDCM 00053							
Candida albicans	ATCC 10231	05	white	41	41	1.00	≥ 0.5	C
	WDCM 00054							
Escherichia coli	ATCC 8739	10	n.a.	0	5400	0.00	≤ 0	C
	WDCM 00012							
	NCTC 12923							
Bacillus subtilis	ATCC 6633	10	n.a.	0	4300	0.00	≤ 0	C
	WDCM 00003							
	NCTC 10400							
Saccharomyces cerevisiae	ATCC 9763	06	n.a.	117	118	0.99	≥ 0.5	C
	WDCM 00058							
	NCTC 10716							
Walleimia sebi FRR 1471	ATCC 42694	06	n.a.	78	97	0.80	≥ 0.5	C
	WDCM 182							

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

Micro-organisms	Strain	Method*	Electivity**	CFU	CFU-ref	Result	Crit.	Conf.
Escherichia coli	ATCC 8739	10	n.a.	0	5900	0.00	≤ 0	C
	WDCM 00012							
	NCTC 12923							
Bacillus subtilis	ATCC 6633	10	n.a.	0	5400	0.00	≤ 0	C
	WDCM 00003							
	NCTC 10400							
Saccharomyces cerevisiae	ATCC 9763	06	n.a.	101	99	1.02	≥ 0.5	C
	WDCM 00058							
	NCTC 10716							
Walleimia sebi FRR 1471	ATCC 42694	06	n.a.	83	83	1.00	≥ 0.5	C
	WDCM 182							

\* Method 05 = TV 5.05 Non-selective enumeration agar ; Growth promotion test (acc European Pharmacopoeia 8.0)

Result: Productivity-Ratio (cfu test / cfu ref) ; inoculum ≤100 cfu

\* 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 10<sup>2</sup> cfu

\* Method 10 = TV 5.10 Selective enumeration agar ; Inhibition test (acc European Pharmacopoeia 8.0)

Result: Productivity-Ratio (cfu test / cfu ref) ; 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.

C = Conforms X = Does not conform - = Not tested

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

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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 X20211202024.

Release Date :  
29-12-2021  
(*dd-mm-yyyy*)

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