

QUALITY CONTROL CERTIFICATE



Product name : XLD
Abbreviation : XLD
Article code : 40-1170
Filling Volume : 18 ml

Batch number : 20230300855
Storage temp. : 4-25 °C
Expiration date : 10-07-2023
(for sealed enclosure as dd-mm-yyyy)

Typical Formula

Ingredients per litre of nutrient medium * :

Yeast extract	3	gr
L-lysine	5	gr
Xylose	3.5	gr
Lactose-monohydrate	7.5	gr
Sucrose	7.5	gr
Sodium desoxycholate	2.5	gr
Sodium chloride	5	gr
Sodium thiosulfate	6.8	gr
Ferric ammonium citrate	0.8	gr
Phenol red	0.08	gr
Agar	13.5	gr
Demiwater	1000	ml

* Adjusted as required to meet performance standards.

Physical Properties

Test	Criterion	Result	Conforms
pH	7.4 ± 0.2	7.6	C
Color	red	red	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.

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Growth Properties

• Incubation-condition : 16-19 hours 32,5 ±2,5 °C Aerobic

Micro-organisms	Strain	Method*	Electivity**	CFU	CFU-ref	Result	Crit.	Conf.
Salmonella Typhimurium	ATCC 14028 WDCM 00031 NCTC 12023	09	red with black centre	25	27	0.93	≥ 0.5	C
Staphylococcus aureus	ATCC 6538 WDCM 00032 NCTC 10788	10	n.a.	0	9000	0.00	≤ 0	C

• Incubation-condition : 21-27 hours 37 ±1 °C Aerobic

Micro-organisms	Strain	Method*	Electivity**	CFU	CFU-ref	Result	Crit.	Conf.
Escherichia coli	ATCC 8739 WDCM 00012 NCTC 12923	17	yellow	n.a.	16000	1	≤ 1	C
Enterococcus faecalis	ATCC 29212 WDCM 00087 NCTC 12697	17	n.a.	n.a.	48000	0	≤ 0	C
Salmonella Enteritidis	ATCC 13076 WDCM 00030	16	red with black centre	n.a.	8400	2	≥ 2	C
Salmonella Typhimurium	ATCC 14028 WDCM 00031 NCTC 12023	16	red with black centre	n.a.	5400	2	≥ 2	C

- * Method 09 = TV 5.09 Selective enumeration agar ; Growth promotion test (acc European Pharmacopoeia)
Result: Productivity-Ratio (cfu test / cfu ref) ; inoculum ≤100 cfu
- * Method 10 = TV 5.10 Selective enumeration agar ; Inhibition test (acc European Pharmacopoeia)
Result: Productivity-Ratio (cfu test / cfu ref) ; inoculum ≥100 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
- * Method 17 = TV 5.17 selective 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 R20230300855.

Release Date :
07-04-2023
(dd-mm-yyyy)

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