

QUALITY CONTROL CERTIFICATE



Product name : Lauryl Sulfate Tryptose Br. (LST) Dubbel
Abbreviation : LAURYL DS
Article code : L101.30.0010
Filling Volume : 10 ml

Batch number : 20220700069
Storage temp. : 2-25 °C
Expiration date : 04-07-2023
(for sealed enclosure as dd-mm-yyyy)

Typical Formula

Ingredients per litre of nutrient medium * :

Tryptose	40	gr
Sodium chloride	10	gr
Lactose	10	gr
Potassium dihydrogenphosphate	5.5	gr
Potassium hydrogen phosphate	5.5	gr
Sodium lauryl sulfate	0.2	gr
Demiwater	1000	ml

* Adjusted as required to meet performance standards.

Physical Properties

Test	Criterion	Result	Conforms
pH	6.8 ± 0.1	6.7	C
Color	orange-brown	orange-brown	C
Consistency	broth	broth	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 : 22-26 hours 30 ±1 °C Aerobic

Micro-organisms	Strain	Method*	Electivity**	CFU	CFU-ref	Result	Crit.	Conf.
Escherichia coli	ATCC 25922	11	gas	n.a.	16	2	≥2	C
	WDCM 00013							
	NCTC 12241							
Citrobacter freundii	ATCC 43864	11	gas	n.a.	36	2	≥2	C
	WDCM 00006							

• Incubation-condition : 46-50 hours 30 ±1 °C Aerobic

Micro-organisms	Strain	Method*	Electivity**	CFU	CFU-ref	Result	Crit.	Conf.
Enterococcus faecalis	ATCC 29212	12	n.a.	n.a.	35000	0	≤0	C
	WDCM 00087							
	NCTC 12697							

- * Method 11 = TV 5.11 Selective enrichment media ; Productivity of liquid media ; qualitative method (acc. ISO 11133)
Result: Turbidity ; 2 = good, 1 = slight, 0 = no turbidity ; Target inoculum ≤100 cfu, non Target inoculum ≥1000 cfu
- * Method 12 = TV 5.12 Selective enrichment media ; Selectivity of liquid media ; qualitative method (acc. ISO 11133)
Result: Turbidity ; 2 = good, 1 = slight, 0 = no turbidity ; 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.
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 R20220700069.

Release Date :
12-07-2022
(dd-mm-yyyy)

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