

QUALITY CONTROL CERTIFICATE



Product name : Bile Esculine Azide Agar
Abbreviation : BAA
Article code : 41-1276
Filling Volume : 18 ml

Batch number : 20230200626
Storage temp. : 4-10 °C
Expiration date : 23-06-2023
(for sealed enclosure as dd-mm-yyyy)

Typical Formula

Ingredients per litre of nutrient medium * :

Tryptone	17	gr
Peptic digest of meat	3	gr
Yeast extract	5	gr
Bacteriological ox bile	10	gr
Sodium chloride	5	gr
Esculin	1	gr
Ferric ammonium citrate	0.50	gr
Sodium azide	0.15	gr
Bacteriological agar	13	gr
Demiwater	1000	ml

* Adjusted as required to meet performance standards.

Physical Properties

Test	Criterion	Result	Conforms
pH	7.1 ± 0.1	7.1	C
Color	yellowbrown	yellowbrown	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 : 18-24 hours 37 ±1 °C Aerobic

Micro-organisms	Strain	Method*	Electivity**	CFU	CFU-ref	Result	Crit.	Conf.
Enterococcus faecalis	ATCC 29212	06	black with black zone	101	119	0.85	≥ 0.5	C
	WDCM 00087							
	NCTC 12697							
Enterococcus faecium	ATCC 19434	06	black with zone	99	120	0.82	≥ 0.5	C
	WDCM 00010							
	NCTC 7171							
Staphylococcus aureus	ATCC 25923	07	n.a.	n.a.	62000	0	≤ 0	C
	WDCM 00034							
	NCTC 12981							
Streptococcus pyogenes	ATCC 12358	07	n.a.	n.a.	32000	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 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 R20230200626.

Release Date :
28-02-2023
(dd-mm-yyyy)

Crit.version :1 Document ID : C20230200626