

QUALITY CONTROL CERTIFICATE



Product name : Tryptose Sulphite Cycloserine Agar
Abbreviation : TSC AGAR
Article code : 41-1241
Filling Volume : 18 ml

Batch number : 20230200314
Storage temp. : 4-10 °C
Expiration date : 23-05-2023
(for sealed enclosure as dd-mm-yyyy)

Typical Formula

Ingredients per litre of nutrient medium * :

Tryptone	15	gr
Papaic digest of soybean meal	5	gr
Yeast extract	5	gr
Sodium metabisulfite	1	gr
Ferric ammonium citrate	1	gr
Bacteriological agar	15	gr
D-cycloserine	400	mg
Demiwater	1000	ml

* Adjusted as required to meet performance standards.

Physical Properties

Test	Criterion	Result	Conforms
pH	7.6 ± 0.2	7.8	C
Color	creamyellow	creamyellow	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 : 18-22 hours 44 ±1 °C Anaerobic

Micro-organisms	Strain	Method*	Electivity**	CFU	CFU-ref	Result	Crit.	Conf.
Clostridium perfringens	ATCC 13124	06	black	90	96	0.94	≥ 0.5	C
	WDCM 00007							
	NCTC 6125							
Clostridium perfringens	ATCC 12916	06	black	92	85	1.08	≥ 0.5	C
	WDCM 00080							
	NCTC 8238							
Escherichia coli	ATCC 25922	07	n.a.	n.a.	53000	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.

After inoculating the plates are overlaid with medium.

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 R20230200314.

Release Date :
20-02-2023
(dd-mm-yyyy)

Crit.version :2 Document ID : C20230200314