

QUALITY CONTROL CERTIFICATE



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

Batch number : 20220600784
Storage temp. : 4-25 °C
Expiration date : 13-09-2022
(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.

Quality Control Certificate

Product name : Tryptose Sulphite Cycloserine Agar
Abbreviation : TSC AGAR
Article code : 41-1241

Batch number : 20220600784
Storage temp. : 4-25 °C
Expiration date : 13-09-2022

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	129	112	1.15	≥ 0.5	C
	WDCM 00007							
	NCTC 6125							
Clostridium perfringens	ATCC 12916	06	black	102	84	1.21	≥ 0.5	C
	WDCM 00080							
	NCTC 8238							
Escherichia coli	ATCC 25922	07	n.a.	n.a.	18000	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 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 R20220600784.

Release Date :
08-07-2022
(dd-mm-yyyy)

Crit.version :2 Document ID : C20220600784