

QUALITY CONTROL CERTIFICATE



Product name : Mac Conkey Agar + Cefotaxim
Abbreviation : MCA CEFOTAXIM
Article code : M142.02
Filling Volume : 18 ml

Batch number : 20211000529
Storage temp. : 12-25 °C
Expiration date : 27-12-2021
(for sealed enclosure as dd-mm-yyyy)

Typical Formula

Ingredients per litre of nutrient medium * :

Pancreatic digest of gelatin	17	gr
Tryptone	1.5	gr
Peptic digest of meat	1.5	gr
Lactose	10	gr
Bilte salts	1.5	gr
Sodium chloride	5	gr
Neutral red	30	mg
Crystal violet	1.0	mg
Bacteriological agar	13.5	gr
Demiwater	1000	ml
Cefotaxim	1	mg

* Adjusted as required to meet performance standards.

Physical Properties

Test	Criterion	Result	Conforms
pH	7.4 ± 0.2	7.5	C
Color	purple	purple	C
Consistency	agar	agar	C
Gel Strength		Conforms	C
Appearance	Clear:Yes Partic.:No	Clear:Yes Part.:No	C

Sterility Check

Incubation-condition	Result	Conforms
44-52 hours 30 ± 1 °C	Sterile	C

Growth Properties on next page.

Quality Control Certificate

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Growth Properties

• Incubation-condition : 21-27 hours 44 ±1 °C Aerobic

Micro-organisms	Strain	Method*	Electivity**	CFU	CFU-ref	Result	Crit.	Conf.
Escherichia coli	ATCC 25922	17	n.a.	n.a.	55000	0	≤ 0	C
	WDCM 00013							
	NCTC 12241							
Staphylococcus aureus	ATCC 25923	17	n.a.	n.a.	60000	0	≤ 0	C
	WDCM 00034							
	NCTC 12981							
Klebsiella pneumoniae (ESBL)	ATCC 700603	16	purple	n.a.	7600	2	≥ 2	C
Escherichia coli ESBL pos.	TRIT T206	16	purple	n.a.	7100	2	≥ 2	C
Escherichia coli ESBL neg.	TRIT T207	17	n.a.	n.a.	54000	0	≤ 0	C

* 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.
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.

Our microbiological quality control is carried out by our microbiological laboratory accredited according to EN ISO/IEC 17025. (RvA Registration number: RvA-L 614).
This laboratory certificate is generated electronically and valid without a signature.
Results were obtained from laboratory report R20211000529.

Acceptance date:
26-10-2021
Authorisation QC:
Peggy Spaan
29-10-2021
(dd-mm-yyyy)

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