Technical Data Sheet

Pseudomonas CFC Selective Supplement

Ordering number: 1.07627.0010

The selective supplement is a mixture of 3 different inhibitors in lyophilized form.

Mode of Action

Cetrimide, Fucidin® and Cephalotin inhibit the Gram-positive and Gram-negative accompanying flora.

Typical Composition

	Gram per vial	Final concentration per liter
Cetrimide	0.005	0.01
Fucidin®	0.005	0.01
Cephalotin	0.025	0.5

Preparation

Aseptically add 2 ml of a 50/50 mixture of purified water and ethanol to the contents of one vial and mix gently to avoid foaming. Aseptically add the content of one vial to 500 ml of Pseudomonas CFC/CN agar (base) acc. ISO 13720 and ISO 16266 (article number 1.07627.0010) cooled to 45-50 °C and to which 5 ml Glycerol (article number 1.04094.0500) has been added. Mix thoroughly and pour plates.

Storage

Usable up to the expiry date when stored dry and tightly closed at +2 °C to +8 °C.

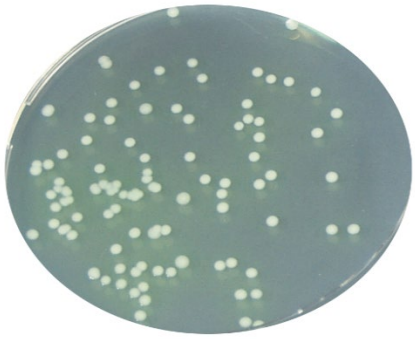
Quality Control

Pseudomonas CFC Selective Supplement is tested in of Pseudomonas CFC/CN Agar (Base) acc. ISO 13720 and ISO 16266 (article number 1.07627.0010).

Function	Control strains	Incubation	Reference medium	Method of control	Expected results
Productivity	*Pseudomonas fluorescens* ATCC® 13525	40-48 h at 24-26 °C	Tryptic Soy Agar (TSA)	Quantitative	Recovery ≥ 50 %, greenish colonies
	Pseudomonas fragi ATCC® 4973				Recovery ≥ 50 %, milky colonies

Function	Control strains	Incubation	Reference medium	Method of control	Expected results
Selectivity	*Escherichia coli* ATCC® 8739 *Escherichia coli* ATCC® 25922	40-48 h at 24-26 °C	-	Qualitative	Total inhibition

Please refer to the actual batch related Certificate of Analysis. A recovery rate of 50 % is equivalent to a productivity value of 0.5



Pseudomonas aeruginosa (ATCC® 27853) on CFC agar

Literature

ISO International Standardisation Organisation. Meat and meat products - Enumeration of presumptive Pseudomonas spp. EN ISO 13720:2010.

ISO International Standardisation Organisation. Microbiology of food, animal feed and water - Preparation, production, storage and performance testing of culture media. EN ISO 11133:2014.

Ordering Information

Product	Cat. No.	Pack size
Pseudomonas CFC Selective Supplement (Cetrimide, Fucidin® [= Sodium Fusidate], Cephalotin)	1.07627.0010	10 vials
Glycerol 85%	1.04094.0500	500 ml
GranuCult™ Pseudomonas CFC/CN Agar (Base) acc. ISO 13720 and ISO 16266	1.07620.0500	500 g

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