

# QUALITY CONTROL CERTIFICATE



Product name : Peptone Physiological Salt Solution  
Abbreviation : PFZ  
Article code : P100.25.0009  
Filling Volume : 9 ml

Batch number : 20220700243  
Storage temp. : 2-25 °C  
Expiration date : 12-07-2023  
(for sealed enclosure as dd-mm-yyyy)

## Typical Formula

Ingredients per litre of nutrient medium \* :

Tryptone	1	gr
Sodium chloride	8.5	gr
Demiwater	1000	ml

\* Adjusted as required to meet performance standards.

## Physical Properties

Test	Criterion	Result	Conforms
pH	7.0 ± 0.2	7.0	C
Color	colourless	colourless	C
Consistency	broth	broth	C
Appearance	Clear:Yes Partic.:No	Clear:Yes Part.:No	C
Volume	9,00 ± 2%	9,03 ml 9,06 ml	C

## Microbial Contamination

Incubation-condition	Result	Conforms
44-52 hours 30 ± 1 °C	No contamination	C

## Growth Properties

• Incubation-condition : 45 min - 1 hours 25 ± 1 °C Aerobic +Transfer : 40-48 hours 37 ± 1 °C Aerobic

Micro-organisms	Strain	Method*	Electivity**	CFU	CFU-ref	Result	Crit.	Conf.
Staphylococcus aureus	ATCC 25923	01	n.a.	10100	10000	1.01	≥ 0.7	C
	WDCM 00034							
	NCTC 12981							
Escherichia coli	ATCC 25922	01	n.a.	7300	8900	0.82	≥ 0.7	C
	WDCM 00013							
	NCTC 12241							

Measurement uncertainties are available on request.

\* Method 01 = TV5.01 Non-selective dilution broth ; Productivity of liquid media ; quantitative method (acc. ISO 11133)  
Result: Productivity-Ratio (cfu T1 / cfu T0) ; inoculum 10<sup>4</sup> 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.= Criterion 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 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 R20220700243.

Release Date :  
18-07-2022  
(dd-mm-yyyy)

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