

# QUALITY CONTROL CERTIFICATE



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

Batch number : 20230100198  
Storage temp. : 2-25 °C  
Expiration date : 09-01-2024  
(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%	9,13 ml 9,05 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.	10700	10800	0.99	≥ 0.7	C
	WDCM 00034							
	NCTC 12981							
Escherichia coli	ATCC 25922	01	n.a.	6700	8100	0.83	≥ 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 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 R20230100198.

Release Date :  
13-01-2023  
(dd-mm-yyyy)

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