QUALITY CONTROL CERTIFICATE

Tritium MICROBIOLOGIE

Product name	: Peptone Physiological Salt Solution		
Abbreviation	: PFZ	Batch number	: 20220400602
Article code	: P100.25.0009	Storage temp.	: 2-25 °C
Filling Volume	: 9 ml	Expiration date	: 28-04-2023
		(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 peformance standards.*

Physical Properties

Test	Criterium	Result	Conforms
pH	7.0 ± 0.2	6.9	C
Color	colourless	colourless	C
Consistency	broth	broth	C
Appearance	Clear:Yes Partic.:No	Clear:Yes Part.:No	C
Volume	9,00 ± 2%	9,11 ml 9,02 ml	C

Sterility Check

Incubation-condition	Result	Conforms
44-52 hours 30 ±1 °C	Sterile	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 WDCM 00034 NCTC 12981	01	n.a.	10700	8700	1.23	≥0.7	C
Escherichia coli	ATCC 25922 WDCM 00013 NCTC 12241	01	n.a.	9800	11600	0.84	≥0.7	C

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 10^4 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 R20220400602.

Acceptance date:
02-05-2022
Authorisation QC:
Peggy Spaan
04-05-2022
(dd-mm-yyyy)

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