

QUALITY CONTROL CERTIFICATE

FINAL PRODUCT DATA

Description	MUELLER HINTON W/ 5% HORSE BLOOD + 20mg/L β-NAD (MH-F)
Code	010704
Lot number	2759t109
Production date	09/02/24
Expiration date	24/03/24

PHYSICAL AND CHEMICAL CONTROL OF FINAL PRODUCT

Control	Expected results	Observed results
Final pH at 25°C	7,3 +/- 0,2	7,3 (Confirmed)
Quantity of material	20ml (010704)	Confirmed
Color & cleanliness of the material	Agar red not clear	Confirmed

STERILITY TEST OF FINAL PRODUCTS

Number of controlled products (3‰)	Incubation	Number of suitable products	Number of inappropriate products
6/010704	36 ± 1 °C for 48 hours	6/010704	0

FINAL PRODUCT PERFORMANCE TEST. Incubation: (35 ± 2) °C for (24 ± 2) h in 10% CO₂.

Microorganism	Expected results	Observed results
<i>Haemophilus influenzae</i> (≥500 cfu/10μl) ATCC: 49247. Lot: 08101304 (Productivity)	PR ≥ 0,7 Colonies small, moist, with a slight odor.	Colonies small, moist, with a slight odor. 381 cfu
<i>Streptococcus pneumoniae</i> (≥500 cfu/10μl) ATCC: 49619 Lot: 09510901 (Productivity)	PR ≥ 0,7 Colonies small, flat.	Colonies small, flat. 375 cfu

FINAL PRODUCT PERFORMANCE TEST (Antibiogramme) Suspension zone diameter in mm according to EUCAST.

Incubation: (35 ± 2) °C for (24 ± 2) h in 10% CO₂.

Microorganism	Oxacillin 1 μg	Erythromycin 15 μg	Norfloxacin 10 μg
<i>Streptococcus pneumoniae</i> (Turbidity MH Br 0.5 McFarlant) ATCC 49619 Lot: 09510901 (Antibiogramme)	*8 – 14 **14	*26 – 32 **31	*18 – 24 **23
Microorganism	Ampicillin 2 μg	Nalidixic acid 30 μg	
<i>Haemophilus influenzae</i> (Turbidity MH Br 0.5 McFarlant) NCTC 49247. Lot: 08101304 (Antibiogramme)	*19 – 25 **25	*27 – 33 **32	

- Production and quality control tests were carried out at the premises of Bioprep G. Papanikolaou & Co. According to EN ISO 9001: 2008. In addition, the company's audit department implements to ISO 11133: 2014.
- The products of this batch will have the results reported once the user receives them cool (8-25 °C) then keep them at the temperature indicated on the packaging until the expiration date and follow the using instructions of the brochure.
- 0: Growth zero. 1: Weak growth. 2: Good growth. PR: Productivity Rate.
- * Expected results. ** Observed results.

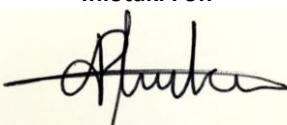
Release of the batch

YES NO

DATE

12/02/24

Iniotaki Fofi



Quality Control Manager