

# Certificate of Analysis



Lot status: **APPROVED**

<b>MODEL</b> RODAC $\phi$ 55mm Triple Wrapped Sterile Irradiated	<b>PRODUCT CODE</b>	<b>449LAC1000/21</b>
<b>MEDIA</b> TSA+Lec+T80+LCT1000	<b>MEDIA COMPOSITION</b>	Tryptone Soy Agar + 0.07% Lecithin + 0.5% Tween80 + 1000U.I./Lt Lactamator TM
<b>BATCH</b> 38401	<b>STORAGE CONDITIONS</b>	at 2-25°C until expiry date
<b>DATE OF MANUFACTURING</b> 13 Feb 2024	<b>EXPIRY DATE</b>	<b>13 Oct 2024</b>

Medium is prepared utilizing raw materials declared to be TSE-BSE FREE by the manufacturer

CHEMICAL/PHYSICAL TESTS	SPECIFICATION	RESULT
Appearance	light amber coloured, clear to slightly opalescent gel forms in plates	Conforms
pH specification	7.3 $\pm$ 0.2	Conforms
Filling media volume	17ml $\pm$ 1ml	Conforms
Packaging	Triple Wrapped Sterile Irradiated (T.W.S.I.)	Conforms
Dose of irradiation	10-25 KGy	Conforms Irradiation certificate Nr:3502274

## MICROBIOLOGICAL TEST CONTROLS

- Sterility control**

TESTS	SPECIFICATION	RESULT
32.5 $\pm$ 2.5°C aerobic for 120 hours	No growth	Conforms
22.5 $\pm$ 2.5°C aerobic for 120 hours		

- Fertility – Growth Promotion Test** according to USP/EP

Control strain	Medium inoculation level	Incubation Conditions	Recovery Specifications	Recovery Results	Cultural Response
<i>E. coli</i> ATCC 8739	10-100 viable microorganisms	24-72 h at 32.5 $\pm$ 2.5°C	70% $\leq$ R% $\leq$ 200%	98,3%	Conforms
<i>P. aeruginosa</i> ATCC 9027	10-100 viable microorganisms	24-72 h at 32.5 $\pm$ 2.5°C	70% $\leq$ R% $\leq$ 200%	84,3%	Conforms
<i>S. aureus</i> ATCC 6538	10-100 viable microorganisms	24-72 h at 32.5 $\pm$ 2.5°C	70% $\leq$ R% $\leq$ 200%	91,4%	Conforms
<i>B. subtilis</i> ATCC 6633	10-100 viable microorganisms	24-72 h at 32.5 $\pm$ 2.5°C	70% $\leq$ R% $\leq$ 200%	82,8%	Conforms
<i>C. albicans</i> ATCC 10231	10-100 viable microorganisms	72-120 h at 32.5 $\pm$ 2.5°C	70% $\leq$ R% $\leq$ 200%	94,6%	Conforms
<i>A. brasiliensis</i> ATCC 16404	10-100 viable microorganisms	72-120 h at 32.5 $\pm$ 2.5°C	70% $\leq$ R% $\leq$ 200%	97,4%	Conforms

- Enzimatic Activity Test**

Control strain	Incubation Conditions	Antibiotics	Response
<i>S. aureus</i> ATCC 6538	24 h at 32.5 $\pm$ 2.5°C	Penicillin 10IU	Conforms
		Meropenem 10 $\mu$ g	Conforms
		Cefuroxime 30 $\mu$ g	Conforms
		Ceftazidime 30 $\mu$ g	Conforms
		Cefoxitin 30 $\mu$ g	Conforms

Start analysis	13 Feb 2024	End analysis	27 Feb 2024
Quality Control	Elisabetta Peri	<i>Elisabetta Peri</i>	
Quality Assurance	Celeste Annovazzi	<i>Celeste Annovazzi</i>	

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 19-Feb-24 8:38:18 GMT  
 Page 1 of 1

<b>Customer Name:</b>	CPC Biotech S.r.L.	<b>Processing Facility:</b>	Minerbio	<b>Work Order #</b>	3502274
<b>P.O.#</b>	84036			<b>Sales Order #</b>	3493408
	<b>10-25 kGy</b>	<b>CPCB gamma treatment</b>	<b>Irradiation Date/Time:</b>	16-Feb-24 09:52:06 GMT	

SO Line #	Qty	UOM	Customer Item Number	Customer Item Description	Customer Lot Number	Customer Load Number
101.000	1	PL	2684/20_870/20	Microbiological culture media	WWW0539900747	DDT 84036
			270_CPCB_870/20	Std cycle 15kGy		
102.000	1	PL	2684/20_870/20	Microbiological culture media	WWW0539900748	DDT 84036
			270_CPCB_870/20	Std cycle 15kGy		
	<b>2</b>	<b>PL</b>	<b>Total</b>			

### Quality Test Summary

Op#	Quality Test Description	Minimum Spec	Maximum Spec	Result	Pass/Fail
450.00	Minimum Dose	10.0 kGy	25.0 kGy	15.3 KGY	Pass
450.00	Maximum Dose	10.0 kGy	25.0 kGy	18.9 KGY	Pass

Sterigenics certifies that the materials listed above (as described by the Manufacturer) received the indicated doses within the precision and accuracy of the dosimetry system employed.

 Electronically Signed By: VALERIA LOSITO  
 Reason: Work Order Completions

Date: 19-Feb-24 08:35:55 GMT