

Certificate of Analysis



OXFORD LISTERIA AGAR

BULK Lot No.: 3000002503

Exp. Date: NOV.30.2027

SKU: 700003121, 700003122, 700003123, 700003124

No. NCM0056

PHYSICAL CHARACTERISTICS

<u>SPECIFICATION</u>		<u>EXPECTED RESULTS</u>	<u>ACTUAL RESULTS</u>
<u>Dehydrated:</u>	Appearance	Homogenous, free-flowing powder	Meets Expected Result
	Color	Beige	Meets Expected Result
<u>Prepared: (Plain)</u>	Clarity	Slightly hazy	Meets Expected Result
	Color	Light to medium amber	Meets Expected Result
<u>pH:</u>		7.0 ± 0.2 @ 25°C	Meets Expected Result
<u>Gel Strength</u>		Record Value	751 g/cm ²

CULTURAL RESPONSE

The medium was prepared according to label directions incorporating NCM4047 Oxford Supplement (with Natamycin) or NCM4070 Oxford Supplement (with Cycloheximide) or NCM4080 Modified Oxford Agar Supplement and inoculated with the organisms listed below. Cultures were incubated aerobically at 35 ± 2°C and examined for growth at 24-48 hours.

<u>MICROORGANISM</u>	<u>Culture ID</u>	<u>APPROX. INOCULUM (CFU)</u>	<u>EXPECTED RESULTS</u>		<u>ACTUAL RESULTS</u>	
			<u>Oxford</u>	<u>Modified Oxford</u>	<u>Oxford</u>	<u>Modified Oxford</u>
<i>Candida albicans</i>	ATCC 10231	>10 ⁴	Suppressed to complete inhibition	Suppressed to complete inhibition	Meets Expected Result	
<i>Escherichia coli</i>	ATCC 25922	>10 ⁴	Complete inhibition	Complete inhibition	Meets Expected Result	
<i>Escherichia coli</i>	ATCC 8739	>10 ⁴	Complete inhibition	Complete inhibition	Meets Expected Result	
<i>Staphylococcus aureus</i>	ATCC 25923	>10 ⁴	Suppressed to complete inhibition	Complete inhibition	Meets Expected Result	
<i>Enterococcus faecalis</i>	ATCC 29212	>10 ⁴	Suppressed to complete inhibition	Suppressed to complete inhibition	Meets Expected Result	
<i>Enterococcus faecalis</i>	NCTC 775	>10 ⁴	Suppressed to complete inhibition	Suppressed to complete inhibition	Meets Expected Result	
<i>Listeria innocua</i>	ATCC 33090	10-300	Growth; brown to black colonies	Growth; brown to black colonies	Meets Expected Result	
<i>Listeria monocytogenes</i>	ATCC 13932	10-300	Growth; brown to black colonies	Growth; brown to black colonies	Meets Expected Result	
<i>Listeria monocytogenes</i>	ATCC 19111	10-300	Growth; brown to black colonies	Growth; brown to black colonies	Meets Expected Result	
<i>Listeria monocytogenes</i>	ATCC 35152	10-300	Growth; brown to black colonies	Growth; brown to black colonies	Meets Expected Result	



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ANIMAL DERIVED MATERIAL COUNTRY OF ORIGIN INFORMATION

<u>ANIMAL DERIVED MATERIAL</u>	<u>TISSUE SOURCE/ RISK CATEGORY*</u>	<u>ANIMAL SPECIES</u>	<u>COUNTRY OF ORIGIN</u>	<u>CERTIFICATE OF SUITABILITY</u>
Animal Tissue	Spleen/Blood/ B*	Bovine	United States	R1-CEP 2000-301
Enzyme	Stomach/ NA**	Porcine	United States, Canada	R1-CEP 2000-301
Casein	Milk/ B*	Bovine	New Zealand	N/A
Enzyme	Pancreas/ NA**	Porcine	United States	N/A

* Risk Categories as defined by the European Pharmacopeia.

** Not Applicable. "Non-TSE-relevant animal species."

Product was tested in compliance to the regulation noted above. Where a regulation is not referenced, Neogen Corporation standard test methods were observed. Variances in data may occur. External factors such as adverse storage conditions or contamination of product may cause loss in performance. Neogen Corporation certifies that this lot met all quality control specifications for this product.

Rajat Sharma
QC Supervisor

Monday, March 04, 2024

