

Certificate of Analysis



MacConkey Agar

BULK Lot No.: US114879

Exp. Date: AUG.31.2027

SKU: 700003012, 700003013, 700003014, 700003015

Catalog No. NCM0017

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	Light pinkish beige	Meets Expected Result
<u>Prepared:</u>	Clarity	Trace to slightly hazy	Meets Expected Result
	Color	Medium to dark pinkish purple	Meets Expected Result
	pH	7.1 ± 0.2 @ 25°C	Meets Expected Result
<u>Gel Strength</u>		Record Value	893 g/cm ²

CULTURAL RESPONSE tested in compliance to Harmonized USP/EP/JP

The medium was prepared according to label directions and inoculated with the organisms listed below. Cultures were incubated at 30 - 35°C in an aerobic atmosphere and examined for growth at 18-24 hours.

<u>MICROORGANISM</u>	<u>ATCC</u>	<u>APPROX. INOCULUM (CFU)</u>	<u>EXPECTED RESULTS</u>		<u>ACTUAL RESULTS</u>	
			<u>Recovery</u>	<u>Reaction</u>	<u>Growth</u>	<u>Reaction</u>
<i>Enterococcus faecalis</i>	29212	>1000	Inhibited	---	Meets Expected Result	
<i>Escherichia coli</i>	25922	10-100	70-200%	Pink colonies w/ bile ppt.	Meets Expected Result	
<i>Escherichia coli</i>	8739	10-100	70-200%	Pink colonies w/ bile ppt.	Meets Expected Result	
<i>Proteus mirabilis</i>	29906	10-100	70-200%	Colorless colonies; partial inhibition of swarming	Meets Expected Result	
<i>Salmonella typhimurium</i>	14028	10-100	70-200%	Colorless colonies	Meets Expected Result	
<i>Staphylococcus aureus</i>	6538	>1000	Inhibited	---	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	Bone/Marrow/Skeletal Muscle/ B*	Bovine	United States	R1-CEP 2010-101
Enzyme	Pancreas/ NA**	Porcine	United States	R1-CEP 2010-101
Bile Salts	Bile/ B*	Ovine	New Zealand	N/A
Bile Salts	Bile/ B*	Bovine	New Zealand, United States, Argentina, Brazil, Mexico, Australia	N/A
Casein	Milk/ B*	Bovine	New Zealand	N/A
Enzyme	Pancreas/ NA**	Porcine	United States	N/A
Gelatin	Skin/ NA**	Porcine	United States	N/A
Lactose	Milk/ B*	Bovine	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.



Michael J Anderson
Quality Control Supervisor

Thursday, August 17, 2023

