

Certificate of Analysis



MacConkey Broth

BULK Lot No.: 3000043632

Exp. Date: JAN.31.2030

SKU: 700003133, 700003134, 700003135, 700003136, 700004443

No. NCM0060

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 beige	Meets Expected Result
<u>Prepared:</u> Appearance	Clear to slightly hazy	Meets Expected Result
Color	Purple	Meets Expected Result
<u>pH:</u>	7.3 ± 0.2 @ 25°C	Meets Expected Result

EXPECTED 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 tested at Harmonized USP/EP/JP specified temperature and incubation times and examined for growth at defined time periods.

<u>MICROORGANISM</u>	<u>ATCC</u>	<u>APPROX. INOCULUM (CFU/ML)</u>	<u>EXPECTED RESULTS</u>			<u>ACTUAL RESULTS</u>		
			<u>Growth</u>	<u>Acid</u>	<u>Gas</u>	<u>Growth</u>	<u>Acid</u>	<u>Gas</u>
<i>Enterobacter aerogenes</i>	13048	10-100	Growth	Positive	Positive	Meets Expected Result		
<i>Escherichia coli</i>	8739	10-100	Growth	Positive	Positive	Meets Expected Result		
<i>Escherichia coli</i>	25922	10-100	Growth	Positive	Positive	Meets Expected Result		
<i>Salmonella typhimurium</i>	14028	10-100	Growth	Negative	Negative	Meets Expected Result		
<i>Staphylococcus aureus</i>	6538	>1000	Inhibited	--	--	Meets Expected Result		
<i>Staphylococcus aureus</i>	25923	>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>
Bile Salts	Gall Bladder/ B*	Ovine	<i>New Zealand</i>	<i>R1-CEP 2000-383</i>
Bile Salts	Gall Bladder / B*	Bovine	<i>Brazil, India, Mexico, New Zealand, United States, Australia</i>	<i>R1-CEP 2000-383</i>
Gelatin	Skin/ NA**	Porcine	<i>United States</i>	<i>N/A</i>
Enzyme	Pancreas/ NA**	Porcine	<i>United States</i>	<i>N/A</i>
Lactose	Milk/ B*	Bovine	<i>United States</i>	<i>N/A</i>

* 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, January 12, 2026

