

Certificate of Analysis



XYLOSE LYSINE DEOXYCHOLATE (XLD) Agar

BULK Lot No.: 3000042260

Exp. Date: MAY.31.2027

SKU: 700003040, 700003041, 700003042, 700003043, 700004399

Catalog No. NCM0027

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 to slight pink	Meets Expected Result
<u>Prepared:</u> Appearance	Clear, no precipitate	Meets Expected Result
Color	Red	Meets Expected Result
<u>pH:</u>	7.4 ± 0.2 @ 25°C	Meets Expected Result
<u>Gel Strength</u>	Record Value	1030 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 tested at Harmonized USP/EP/JP specified temperature and incubation times and examined for growth at defined time periods.

<u>MICROORGANISM</u>	<u>Culture ID</u>	<u>APPROX. INOCULUM (CFU)</u>	<u>EXPECTED RESULTS</u>		<u>ACTUAL RESULTS</u>	
			<u>Growth</u>	<u>Reaction</u>	<u>Growth</u>	<u>Reaction</u>
<i>Enterococcus faecalis</i>	ATCC 29212	>10 ³	Complete inhibition	---	Meets Expected Result	
<i>Escherichia coli</i>	ATCC 8739	>10 ³	Partial to complete inhibition	Yellow to yellow-red colonies	Meets Expected Result	
<i>Escherichia coli</i>	ATCC 25922	>10 ³	Partial to complete inhibition	Yellow to yellow-red colonies	Meets Expected Result	
<i>Salmonella typhimurium</i>	ATCC 14028	10-100	10-100	Red colonies w/ black centers	Meets Expected Result	
<i>Shigella sonnei</i>	NCTC 8574	10-100	10-100	Red colonies	Meets Expected Result	
<i>Salmonella enteritidis</i>	ATCC 13076	10-100	10-100	Red colonies w/ black centers	Meets Expected Result	
<i>Salmonella abony</i>	NCTC 6017	10-100	10-100	Red colonies w/ black centers	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>
Lactose	Milk/ B*	Bovine	United States	N/A
Bile Salts	Gall Bladder / B*	Ovine	New Zealand	R1-CEP 2000-383
Bile Salts	Gall Bladder/ B*	Bovine	United States, New Zealand, Mexico, India, Brazil	R1-CEP 2000-383

* 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

Tuesday, December 09, 2025

