Certificate of Analysis

NEOGEN Culture Media

BISMUTH SULFITE AGAR

BULK Lot No.: 3000055896
Exp. Date: SEP.30.2030

SKU: 700003206, 700003207, 700003208, 700003209
No. NCM0086

PHYSICAL CHARACTERISTICS

SPECIFICATION		EXPECTED RESULTS	ACTUAL RESULTS
Dehydrated:	Appearance	Homogenous, free-flowing powder	Meets Expected Result
	Color	Beige to Greenish beige	Meets Expected Result
Prepared:	Appearance	Opaque; may have a few dark particles suspended in medium	Meets Expected Result
	Color	Light greenish yellow to light/medium greenish beige	Meets Expected Result
pH:		7.7 ± 0.2 @ 25°C	Meets Expected Result

CULTURAL RESPONSE

The medium was prepared according to label directions and inoculated with the organisms listed below. Cultures were incubated aerobically at 35±2°C and examined for growth at 40-48 hours.

MICROORGANISM	ATCC	APPROX. INOCULUM (CFU)	EXPECTED RESULTS		ACTUAL RESULTS	
			Growth	Reaction	Growth	Reaction
Enterococcus faecalis	29212	≥ 1000	Completely Inhibited	---	Meets Expected Result	
Escherichia coli	8739	≥ 1000	Partially to completely inhibited	Pale green to olive-green colonies	Meets Expected Result	
Escherichia coli	25922	≥ 1000	Partially to completely inhibited	Pale green to olive-green colonies	Meets Expected Result	
Salmonella typhimurium	14028	100-300	Fair to Excellent	Olive-green to black colonies ± metallic sheen	Meets Expected Result	
Shigella flexneri	12022	≥ 1000	Partially to completely inhibited	Pale green to olive-green colonies	Meets Expected Result	
Salmonella enterica	13076	100-300	Fair to Excellent	Green to olive green colonies ± metallic sheen	Meets Expected Result	

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ANIMAL DERIVED MATERIAL COUNTRY OF ORIGIN INFORMATION

ANIMAL DERIVED MATERIAL	TISSUE SOURCE/ RISK CATEGORY*	ANIMAL SPECIES	COUNTRY OF ORIGIN	CERTIFICATE OF ORIGIN
Animal Tissue	Bone/Marrow/Skeletal Muscle/ B*	Bovine	*United States*	*R1-CEP-2010-101*
Enzyme	Pancreas/ NA**	Porcine	*United States*	*R1-CEP-2010-101*
Beef Extract	Skeletal Muscle/ B*	Bovine	*United States*	*R1-CEP-2001-299*
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.

Mara Roiland QC Technologist

Tuesday, October 20, 2026