

Certificate of Analysis



TRYPTONE GLUCOSE EXTRACT (TGE) AGAR

BULK Lot No.: 3000003201

Exp. Date: NOV.30.2027

SKU: 700003428,700003429,700003430,700003431

Catalog No. NCM0158

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	Trace to slightly hazy	Meets Expected Result
Color	Light beige to medium amber	Meets Expected Result
<u>pH:</u>	7.0 ± 0.2 @ 25°C	Meets Expected Result
<u>Gel Strength</u>	Record Value	873 g/cm ²

CULTURAL RESPONSE AND USP/EP/JP GROWTH PROMOTION TESTING

The medium was prepared according to label directions and inoculated with the organisms listed below. Cultures were incubated aerobically at the appropriate temperature and examined for growth at 47 to 49 hours.

<u>MICROORGANISM</u>	<u>ATCC</u>	<u>APPROX. INOCULUM (CFU)</u>	<u>EXPECTED RESULTS</u>	<u>ACTUAL RESULTS</u>
<i>Bacillus subtilis</i>	6633	10-100	>70% Recovery	Meets Expected Result
<i>Escherichia coli</i>	25922	10-100	>70% Recovery	Meets Expected Result
<i>Staphylococcus aureus</i>	6538	10-100	>70% Recovery	Meets Expected Result
<i>Staphylococcus epidermidis</i>	12228	10-100	>70% Recovery	Meets Expected Result
<i>Streptococcus pneumoniae</i>	6305	10-100	>70% Recovery	Meets Expected Result
<i>Streptococcus pyogenes</i>	19615	10-100	>70% Recovery	Meets Expected Result

<u>TEST SAMPLE</u>	<u>EXPECTED RESULTS</u>	<u>ACTUAL RESULTS</u>
Unpasteurized (raw) milk	Excellent growth and recovery with a t value of < 2.70	Meets Expected Result

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>
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."



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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.

A handwritten signature in black ink, appearing to read "Rajat Sharma", written over a horizontal line.

Rajat Sharma
QC Supervisor

Thursday, November 16, 2023



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