

Certificate of Analysis



Tryptic Soy Broth (Soybean-Casein Digest Broth)

BULK Lot No.: US114901

Date of Manufacture: AUG.17.2023

Exp. Date: SEP.30.2027

SKU: 700002962, 700002963, 700002964, 700002965, 700004374

No. NCM0004

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>	Clarity	Brilliant to clear	Meets Expected Result
	Color	Yellow to amber	Meets Expected Result
	Precipitate	None to light	Meets Expected Result
<u>pH:</u>		7.3 ± 0.2 @ 25°C	Meets Expected Result
<u>Moisture:</u>		≤ 4%	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 incubated at appropriate atmosphere and temperature and examined for growth at defined time periods.

<u>MICROORGANISM</u>	<u>ATCC</u>	<u>APPROX. INOCULUM (CFU)</u>	<u>INCUBATION PERIOD</u>	<u>EXPECTED GROWTH</u>	<u>ACTUAL GROWTH</u>
<i>Aspergillus brasiliensis</i>	16404	10-100	Within 5 days	Growth	Meets Expected Result
<i>Bacillus subtilis</i>	6633	10-100	18-72 hours	Growth	Meets Expected Result
<i>Candida albicans</i>	10231	10-100	18-72 hours	Growth	Meets Expected Result
<i>Clostridium sporogenes</i>	19404	10-100	18-72 hours	Growth	Meets Expected Result
<i>Escherichia coli</i>	8739	10-100	18-24 hours	Growth	Meets Expected Result
<i>Pseudomonas aeruginosa</i>	9027	10-100	18-24 hours	Growth	Meets Expected Result
<i>Salmonella typhimurium</i>	14028	10-100	18-24 hours	Growth	Meets Expected Result
<i>Staphylococcus aureus</i>	6538	10-100	18-24 hours	Growth	Meets Expected Result
<i>Streptococcus pneumoniae</i>	6305	10-100	18-72 hours	Growth	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>
Casein	Milk/B*	Bovine	<i>New Zealand</i>
Enzyme	Pancreas/ NA**	Porcine	<i>United States</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.



Michael J Anderson
Quality Control Supervisor

Tuesday, August 22, 2023

