

## MULLER-KAUFMANN TETRATHIONATE

**-NOVOBIOCIN (MKTTn) BROTH**      **Lot No.: UK328204**  
**Catalog No. NCM0126**                      **Expiry: FEB.01.2028**

### PHYSICAL CHARACTERISTICS

<u>SPECIFICATION</u>	<u>EXPECTED RESULTS</u>	<u>ACTUAL RESULTS</u>
<u>Dehydrated:</u> Appearance	Homogenous, slightly lumpy powder	Homogenous, slightly lumpy powder
Color	Off-white	Off-white
<u>Prepared:</u> Appearance	Cloudy	Cloudy
Color	Pale green chalky, white precipitate upon standing	Pale green chalky, white precipitate on standing
<u>pH:</u>	8.0 ± 0.2 @ 25°C	8.1 @ 25°C

### CULTURAL RESPONSE: tested in compliance to ISO 11133:2014

The medium was prepared according to label direction, incorporating NCM4040 Novobiocin and inoculated with the organisms listed below. The cultures were incubated aerobically in MKTTn at 37 ± 1°C for 21-27 hours. After incubation, subculture onto XLD Agar or TSA and incubate at 37 ± 1°C, the plates were examined for growth at 18-24 hours.

<u>MICROORGANISM</u>	<u>ATCC</u>	<u>APPROX. INOCULUM</u>	<u>EXPECTED RESULTS</u>	<u>ACTUAL RESULTS</u>
			<u>Recovery</u>	<u>Recovery</u>
<i>Salmonella typhimurium</i>	14028	10-100	≥ 10 cfu on XLD	Meets Expected Result
<i>Salmonella enteritidis</i>	13076	10-100	≥ 10 cfu on XLD	Meets Expected Result
<i>Escherichia coli</i>	8739	>10 <sup>4</sup>	≤ 100 on TSA	Meets Expected Result
<i>Escherichia coli</i>	25922	>10 <sup>4</sup>	≤ 100 on TSA	Meets Expected Result
<i>Enterococcus faecalis</i>	19433	>10 <sup>4</sup>	<10 cfu on TSA	Meets Expected Result
<i>Enterococcus faecalis</i>	29212	>10 <sup>4</sup>	<10 cfu on TSA	Meets Expected Result
<i>Pseudomonas aeruginosa</i>	27853	>10 <sup>4</sup>	≥ 10 cfu on XLD	Meets Expected Result

# Certificate of Analysis



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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>
Animal Tissue	Lung/ B	Bovine	<i>New Zealand</i>	N/A
Enzyme	Pancreas/ NA**	Porcine	<i>United States</i>	N/A
Bile	Bile/ B*	Bovine	<i>United States</i>	N/A
Bile	Bile/ B*	Ovine	<i>New Zealand</i>	N/A
Casein	Milk/ B*	Bovine	<i>New Zealand</i>	N/A
Enzyme	Pancreas/ NA**	Porcine	<i>United States</i>	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.

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