

# Certificate of Analysis



**Buffered Peptone Water (BPW) (ISO)**  
**Catalogue No. MED017-10KG**

**Lot No: 321856**  
**Exp: MAR.05.2027**

## PHYSICAL CHARACTERISTICS

<u>SPECIFICATION</u>		<u>EXPECTED RESULTS</u>	<u>ACTUAL RESULTS</u>
<u>Dehydrated:</u>	Appearance	Homogenous, free-flowing powder	Homogenous, free-flowing powder
	Color	Beige	Beige
<u>Prepared:</u>	Clarity	Clear, no precipitate	Clear, no precipitate
	Color	Pale yellow	Pale yellow
<u>pH:</u>		7.0 ± 0.2 @ 25°C	7.1 @ 25°C

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

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 16-20 hours.

<u>MICROORGANISM</u>	<u>ATCC</u>	<u>APPROX. INOCULUM (CFU)</u>	<u>EXPECTED RESULTS</u>	<u>ACTUAL RESULTS</u>
Pre-enrichment for <i>Salmonella</i> and <i>Enterobacteriaceae</i> detection				
<i>Escherichia coli</i>	25922	10-100	Growth	Meets Expected Result
<i>Escherichia coli</i>	8739	10-100	Growth	Meets Expected Result
<i>Salmonella enteritidis</i>	13076	10-100	Growth	Meets Expected Result
<i>Salmonella typhimurium</i>	14028	10-100	Growth	Meets Expected Result
<i>Cronobacter sakazakii</i>	29544	10-100	Growth	Meets Expected Result
<i>Cronobacter muytjensii</i>	51329	10-100	Growth	Meets Expected Result
Diluent for enumeration of microorganisms and <i>L. monocytogenes</i>				
<i>Escherichia coli</i>	25922	50-200*	T <sub>1</sub> plate counts w/in ± 30% of counts for T <sub>0</sub>	Meets Expected Result
<i>Escherichia coli</i>	8739	50-200*	T <sub>1</sub> plate counts w/in ± 30% of counts for T <sub>0</sub>	Meets Expected Result
<i>Staphylococcus aureus</i>	25923	50-200*	T <sub>1</sub> plate counts w/in ± 30% of counts for T <sub>0</sub>	Meets Expected Result
<i>Listeria monocytogenes</i>	13932	50-200*	T <sub>1</sub> plate counts w/in ± 30% of counts for T <sub>0</sub>	Meets Expected Result
<i>Listeria monocytogenes</i>	35125	50-200*	T <sub>1</sub> plate counts w/in ± 30% of counts for T <sub>0</sub>	Meets Expected Result

\*Following a diluent testing procedure in BPW where final plating onto TSA yields a countable recovery amount at T<sub>0</sub> and T<sub>1</sub>

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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, Solus Scientific Solutions 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. Solus Scientific Solutions Ltd certifies that this lot met all quality control specifications for this product.

**Simon Illingworth, Technical Director**

Date: Tuesday, April 11, 2023