

ReadyStream® Media Bag GranuCult® Buffered Peptone Water

Acc. ISO 6579, ISO 19250, ISO 21528, ISO 22964, ISO 6887,
FDA-BAM and EP, irradiated

Intended Use

For the preliminary non-selective enrichment of bacteria, particularly pathogenic Enterobacteriaceae such as *Salmonella* and *Cronobacter*, from food and animal feed, water and other materials.

Each ReadyStream® media bag contains granulated Buffered Peptone Water broth for the generation of a liquid 10-fold stock concentrate. The ReadyStream® media bags are only to be used on the ReadyStream® instrument in combination with the ReadyStream® filter set for broth stock reconstitution and final dispensing of a diluted portion of the media.

For *in vitro* use only.

Typical composition

Specified by ISO 6579, ISO/FDIS 6579-1, ISO 19250, ISO 21528, ISO 22964		Specified by FDA-BAM M192		Specified by EP 2.6.31, ISO 6785 IDF 93		ReadyStream® Media Bag GranuCult® Buffered Peptone Water acc. ISO 6579, ISO 21528, ISO 22964, FDA-BAM and EP, irradiated	
Enzymatic Digest of Casein*	10 g/L	Peptone	10 g/L	Peptone	10 g/L	Peptone (includes Enzymatic Digest of Casein)	10 g/L
NaCl	5 g/L	NaCl	5 g/L	NaCl	5 g/L	NaCl	5 g/L
Na ₂ HPO ₄ x 12 H ₂ O	9 g/L	Na ₂ HPO ₄ **	3.5 g/L	Na ₂ HPO ₄ x 12 H ₂ O	9 g/L	Na ₂ HPO ₄ x 12 H ₂ O	9 g/L
KH ₂ PO ₄	1.5 g/L	KH ₂ PO ₄	1.5 g/L	KH ₂ PO ₄	1.5 g/L	KH ₂ PO ₄	1.5 g/L
Water	1000 mL/L	Water	1000 mL/L	Water	1000 mL/L	Water	n/a
pH at 25 °C	7.0 ± 0.2	pH at 25 °C	7.0 ± 0.2	pH at 25 °C	7.0 ± 0.2	pH at 25 °C	7.0 ± 0.2

* ISO/FDIS 6579-1 specifies: Peptone - for example, enzymatic digest of casein.

** 3.57 g Na₂HPO₄ anhydrous is equivalent to 9 g Na₂HPO₄ x 12 H₂O

ReadyStream® media bags are gamma-irradiated (>25 kGray)

Preparation

Please strictly follow the recommendations in the ReadyStream® instrument user manual.

Storage

Store the media in the aluminum foil until use at +15 °C to +25 °C.

After reconstitution, store the ReadyStream® media bag up to 5 days at +15 °C to +25 °C, protect from UV light including sun light.

Quality Control

Function	Control strains	Collection	Incubation	Method of control	Expected results
Productivity	<i>Salmonella</i> Typhimurium	ATCC 14028	16 h - 20 h at 36 - 38 °C	Qualitative	Growth good to very good
	<i>Salmonella</i> Enteritidis	ATCC 13076			
	<i>Escherichia coli</i>	ATCC 25922			
	<i>Escherichia coli</i>	ATCC 8739			
	<i>Salmonella</i> Abony	NCTC 6017	18 h - 24 h at 30 - 35 °C		
	<i>Cronobacter sakazakii</i>	ATCC 29544	16 h - 20 h at 34 - 38 °C		
	<i>Cronobacter muytjensii</i>	ATCC 51329			
Diluent	<i>Staphylococcus aureus</i>	ATCC 25923	45 - 60 min at room temperature	Quantitative	+/- 30% of original count
	<i>Escherichia coli</i>	ATCC 25922			
	<i>Escherichia coli</i>	ATCC 8739			

Please refer to the actual batch related certificate of analysis.
The performance test is in accordance with the current version of EN ISO 11133.

Ordering information

Product	Packaging	Ordering No.
ReadyStream® Media Bag GranuCult® Buffered Peptone Water One bag for 30 L with a 3 L media bag (10x concentrated media)*	10x Bags with dehydrated media*	5.74846.0030
ReadyStream® Media Bag GranuCult® Buffered Peptone Water One bag for 100 L with a 10 L media bag (10x concentrated media)*	3x Bags with dehydrated media*	5.74846.0100
ReadyStream® Filter Set	5x Filter sets	5.74826.0001
ReadyStream® System	1x	RDYSTRM01

*Bags are shipped with dry media who will be reconstituted with the ReadyStream® system. The 10x concentrated media allows to dispense up to 30 L of 1x media from the 3 L bag and up to 100 L of 1x media from the 10 L bag.

Note

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