



Actero™ Peptone Water Product Information

Catalogue No.	Description
FCM- 151	Actero™ Peptone Water (500 G)
FCM- 150	Actero™ Peptone Water (2 KG)
FCM- 149	Actero™ Peptone Water (10 KG)

INTENDED USE

Peptone Water is a minimal growth, non-selective medium used for cultivating non-fastidious organisms, studying carbohydrate fermentation patterns and performing the indole test.

Formula* per Liter:

Peptone.....10.0g
Sodium Chloride5.0g

Final pH: 7.3 ± 0.2 at 25°C

** Grams per liter may be adjusted or formula supplemented to obtain desired performance.*

PREPARATION

Mix 15 grams of the medium in one liter of purified water until evenly dispersed. Heat with repeated stirring to dissolve completely. Distribute and autoclave at 121°C for 15 minutes.

QUALITY CONTROL SPECIFICATIONS

1. The powder is homogeneous, free flowing, and beige.
2. Visually the prepared medium is gold to amber and clear to trace hazy.
3. Expected cultural response after 18-24 hours at 35°C.

Organism	Result
<i>Escherichia coli</i> ATCC® 25922	Growth, Indole (+)
<i>Salmonella typhimurium</i> ATCC® 14028	Growth
<i>Staphylococcus aureus</i> ATCC® 25923	Growth

Storage Instructions:

Store the sealed bottle containing the dehydrated medium at 2 to 30°C. Once opened and recapped, place the container in a low humidity environment at the same storage temperature. Protect it from moisture and light. The dehydrated medium should be discarded if it is not free flowing, or if the color has changed from the original beige.

