



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.

