

Actero™ Lactose Broth Product Information

<u>Catalogue No.</u>	<u>Description</u>
FCM-051	Actero™ Lactose Broth (500 G)
FCM-050	Actero™ Lactose Broth (2 KG)
FCM-049	Actero™ Lactose Broth (10 KG)

INTENDED USE:

Lactose Broth is used for the detection and/or verification of the presence of *Salmonella* and other coliform organisms in water, foods, dairy, and pharmaceutical products. This media is frequently used as a pre-enrichment in the analysis of food, milk products and water for *Salmonella*. Lactose Broth also provides good growth characteristics for coliforms, and fermentation is observed by gas bubbles present in an inverted fermentation tube. The concentration of media prepared for the test should be adjusted to accommodate a volume of sample greater than 10 mL.

FORMULA* PER LITER:

Pancreatic Digest of Gelatin.....5.0g
Lactose.....5.0g
Beef Extract.....3.0g
Final pH: 6.9 ± 0.2 at 25°C

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

PREPARATION:

Mix 13 grams of the medium in one liter of purified water until evenly dispersed. Heat with repeated stirring and boil for one minute to dissolve completely. Distribute and autoclave at 121°C for 15 minutes.

TERMS AND CONDITIONS:

Salus Scientific Inc. makes no representations and warranties concerning its products other than those stated herein. All Product(s) delivered hereunder by Salus Scientific Inc., its affiliates or any other person on its behalf shall, at the time of delivery, be manufactured to meet Salus Scientific Inc.'s specifications and all applicable laws. All other terms, conditions and warranties, including any warranty of merchantability, quality, fitness or suitability for a particular or intended purpose, implied by common law or statute, (implied warranties) are expressly excluded.

FOR FURTHER INFORMATION, PLEASE CONTACT:

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QUALITY CONTROL SPECIFICATIONS:

1. The powder is homogeneous, free flowing and light beige.
2. Visually the prepared medium is clear and pale to light yellow with little or no precipitate.
3. Expected cultural response after 24-48 hours at 35°C.

Organism:	Result	Gas Production
<i>Escherichia coli</i> ATCC® 25922	Growth	+
<i>Enterobacter aerogenes</i> ATCC® 13048	Growth	+
<i>Proteus mirabilis</i> ATCC® 12453	Growth	-
<i>Pseudomonas aeruginosa</i> ATCC® 27853	Growth	-
<i>Salmonella</i> Typhimurium ATCC® 14028	Growth	-
<i>Enterococcus faecalis</i> ATCC® 19433	Growth	-

STORAGE INSTRUCTIONS:

On receipt, 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 light beige.