

## Actero™ Standard Methods Agar Product Information

Catalogue No.	Description
<b>FCM-069</b>	Actero™ Standard Methods Agar (500 G)
<b>FCM-068</b>	Actero™ Standard Methods Agar (2 KG)
<b>FCM-067</b>	Actero™ Standard Methods Agar (10 KG)

**INTENDED USE:**

Standard Methods Agar conforms to APHA (American Public Health Association) and AOAC (Association of Official Analytical Chemists) specifications for the enumeration of bacteria in dairy, food and other sanitary materials.

This formulation is also synonymous with Plate Count Agar and Tryptone Glucose Yeast Agar, also used in standard methods.

**Formula\* per Liter:**

Casein Digest Peptone..... 5.0g  
Glucose..... 1.0g  
Yeast Extract ..... 2.5g  
Agar..... 15.0g

**Final pH: 7.0 ± 0.2 at 25°C**

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

**PREPARATION:**

Mix 23.5 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:**

Salus Scientific Inc.  
Suite 450, 1414 – 8 St. S.W.  
Calgary, Alberta, Canada  
T2R 1J6  
Tel: 1-877-298-0208

**QUALITY CONTROL SPECIFICATIONS:**

1. The powder is homogeneous, free-flowing, and light beige.
2. Visually the prepared medium is clear to slightly hazy and light beige to medium amber.
3. Expected cultural response after 24-48 hours at 35°C.

Organism	Result
<i>Staphylococcus aureus</i> ATCC® 25923	Growth
<i>Lactobacillus rhamnosus</i> ATCC® 9595	Growth
<i>Lactobacillus acidophilus</i> ATCC® 11506	Growth
<i>Streptococcus pyogenes</i> ATCC® 19615	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 light beige color.