

Actero™ Baird Parker Agar Broth Product Information

Catalogue No.	Description
FCM-060	Actero™ Baird Parker Agar (500 G)
FCM-059	Actero™ Baird Parker Agar (2 KG)
FCM-058	Actero™ Baird Parker Agar (10 KG)

INTENDED USE:

Baird Parker Agar is used with Egg Yolk Tellurite Enrichment to detect, isolate and enumerate coagulase-positive *staphylococci* in foods and cosmetics. Potassium Tellurite and Lithium Chloride selectively suppress the growth of most bacteria but allow the growth of Staphylococci which is also enhanced by the addition of sodium pyruvate and glycine. The differentiation of coagulase-positive *staphylococci* is noted by the reduction of Potassium Tellurite, resulting in a black colony. *Staphylococci* that contain lecithinase break down the egg yolk and cause a clear zone. Opaque zones may form as a result of lipase activity.

Formula* per Liter:

Casein Digest of Peptone	10.0g
Sodium Pyruvate	10.0g
Glycine	12.0g
Beef Extract.....	5.0g
Yeast Extract	1.0g
Lithium Chloride.....	5.0g
Agar.....	17.0g
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 60 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. After cooling to 45-50.0°C add 10 mL of a sterile 1% Tellurite Supplement and 50 mL of Egg Yolk Emulsion. Mix thoroughly, and dispense as desired.

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 beige.
2. Visually the prepared medium is clear to slightly hazy and light amber. The prepared enriched medium is canary yellow and opaque.
3. Expected cultural response after 24-48 hours at 35°C.

Organism	Growth	Colony Color	Reactions
<i>Escherichia coli</i> ATCC® 25922	Inhibition	-	N/A
<i>Proteus mirabilis</i> ATCC® 12453	Good	Black colonies w/o halo	Lipase & Lecithinase -
<i>Bacillus subtilis</i> ATCC® 6633	Inhibition	-	N/A
<i>Staphylococcus aureus</i> ATCC® 25923	Excellent	Black colonies w/ halo	Lipase & Lecithinase +
<i>Staphylococcus epidermidis</i> ATCC® 12228	Good	Grey/Black colonies w/o	Lipase & Lecithinase -

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 beige or color.