
Product Name : GAM (Gifu Anaerobic Medium) Semi-Solid Modified

A selective culture medium used for the detection and enumeration of anaerobic bacteria motility.

CONTENTS (G/L)

Peptone	10.0
Soytone	3.0
Proteose Peptone	10.0
Bovine Serum Albumin	13.5
Yeast Extract	5.0
Beef Extract	2.2
Liver Extract	1.2
Sodium Chloride	3.0
L-Cystein	0.3
Sodium Thioglycollate	0.3
Dextrose	3.0
Soluble Starch	5.0
Monopotassium Phosphate	2.5
Agar	2.5
Final pH = 7.1 ± 0.2 at 25°C.	

PROCEDURE

Suspend 61.5 G of powder in 1 L of distilled or deionized water. Heat to boiling until completely dissolved. Sterilize by autoclave at 115°C for 15 minutes. Cool to 44-50°C in water bath as deep as the depth of the medium. Mix well. Dispense in final container.

INTERPRETATION

GAM (Gifu Anaerobic Medium) Semi-Solid Modified is selective culture medium used for the detection and enumeration of *Clostridium* species.

TECHNIC

Prepare the medium per label directions. Inoculate tubes of the medium stabbing by inoculated wire with fresh cultures and incubate at 35 ± 2°C for 18-48 hours or up to 3 days. When cultivating with the GAM (Gifu Anaerobic Medium) Semi-Solid Modified at 35 ± 2°C for 18-48 hours, the presence of motility is observed.

QUALITY CONTROL FOR USE

Dehydrated medium

Appearance: free-flowing, homogeneous.

Color: light beige.

Prepared medium

Appearance: slightly opalescent.

Color: light amber.

Incubation conditions: 35 ± 2°C / 18-48 hours or up to 3 days / anaerobic condition.

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Microorganism	ATCC	Growth	Motility
<i>Clostridium botulinum</i>	3502	good	+
<i>Clostridium perfringens</i>	13124	good	-
<i>Clostridium sporogenes</i>	11437	good	+

STORE

The powder is very hygroscopic. Store the powder at room temperature, in a dry environment, in its original container tightly closed and use it before the expiry date on the label or until signs of deterioration are evident. Store prepared medium at 2-6°C.

PACKAGE

Cat. No : MB-G0824 GAM (Gifu Anaerobic Medium) Semi-Solid Modified	500 G
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