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	
Yeast Extract	5.0
Beef Extract	2.2
Liver Extract	1.2
Sodium Chloride	3.0
L-Cystein	0.3
Sodium Thioglychollate	0.3
Dextrose	3.0
Soluble Starch	5.0
Monopotassium Phosphate	2.5
Agar	
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 \pm 2°C for 18-48 hours or up to 3 days. When cultivating with the GAM (Gifu Anaerobic Medium) Semi-Solid Modified at 35 \pm 2°C for 18-48 hours , the presence of motility is observed.

QUALITY CONTROL FOR USE

<u>Dehydrated medium</u>

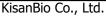
Appearance: free-flowing, homogeneous.

Color: light beige. <u>Prepared medium</u>

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
Clostridium botulinum	3502	good	+
Clostridium perfringens	13124	good	-
Clostridium sporogenes	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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