
Product Name : GAM (Gifu Anaerobic Medium) Agar Modified

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

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	15.0
Final pH = 7.1 ± 0.2 at 25°C.	

PROCEDURE

Suspend 74.0 G of powder in 1 L of distilled or deionized water. 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 petri dish.

INTERPRETATION

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

TECHNIC

Inoculate the specimen, in order to obtain isolated colonies, streaking it onto the surface of the medium using a sterile loop. Incubate at 35 ± 2°C for 18-48 hours or up to 3 days.

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
<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-G0825 GAM (Gifu Anaerobic Medium) Agar Modified	500 G
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