

Product PN 10496847

Mod. 984

Description MI Bottled Agar

Rev. 02

## MI Bottled Agar



<b>PRODUCT DESCRIPTION</b>	<p>AGAR MI 50 ml (1/pk)</p> <p>MI Agar detects the presence of coliform bacteria by the production of b-galactosidase, which cleaves the substrate MUGal to produce 4-methylumbelliferone, which fluoresces on exposure to UV light. Non-coliforms do not produce this enzyme and therefore do not fluoresce on the medium. <i>Escherichia coli</i> is detected by the compound IBDG. The b-glucuronidase produced by <i>Escherichia coli</i> cleaves the substrate to produce a blue indigo colour in the colonies. As <i>Escherichia coli</i> is also a total coliform, and also produces b-galactosidase, it will also fluoresce. The antibiotic Cefsulodin is present to inhibit the growth of gram-positive bacteria and some non-coliform gram-negative bacteria that can cause false positive reactions.</p>
<b>MANUFACTURER NAME</b>	<p><b>GVS North America</b>  <b>63 Community Drive</b>  <b>Sanford, Me 04073</b>          Phone: +1.866.736.1250          eMail: <a href="mailto:CustomerCareGVSLs@gvs.com">CustomerCareGVSLs@gvs.com</a> - Website: <a href="http://www.gvs.com">www.gvs.com</a></p>
<b>INTENDED USE / APPLICATION</b>	<p>MI Agar is used for the detection of Total Coliforms and <i>E.coli</i> in water testing.</p>
<b>MATERIALS</b>	<p><b>Media:</b> MI Agar</p> <p><b>Color:</b> Pale yellow nutrient</p> <p><b>Bottle:</b> Clear soda lime glass</p> <p><b>Cap:</b> Black plastic</p> <p><b>Regulatory Documentation Required:</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Biocompatibility according ISO 10993-1</li> <li><input type="checkbox"/> IMDS</li> <li><input checked="" type="checkbox"/> RoHS, directive 2002/95/CE</li> <li><input type="checkbox"/> BSE/TSE, directive 2003/32/</li> <li><input type="checkbox"/> DEHP plasticizer Free and latex free</li> <li><input type="checkbox"/> Aging</li> <li><input checked="" type="checkbox"/> Reach 1907/2006/CE (hazardous substances regulation)</li> <li><input type="checkbox"/> Dir. 67/548/CE and Reg. 1272/2008/CE (medical sector dangerous substances)</li> <li><input checked="" type="checkbox"/> Conflict minerals</li> </ul>

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<p><b>PRODUCT CHARACTERISTIC</b></p>	<p>Pale yellow media dispensed in glass bottles and sealed with cap.</p> <p><b>Physical/Mechanical:</b>  <b>Dimensions:</b> Bottle (39 mm x 94 mm) with black cap  <b>Volume/bottle:</b> 48-52 ml  <b>Incubation Temperature Range:</b> From 33°C to 37°C  <b>Storage temperature Range:</b> From 2°C to 8°C</p> <p><b>Biological:</b>          Product is sold sterilized.</p> <p><b>Toxicity:</b> See SDS for further information.</p>
<p><b>INSTRUCTIONS</b> <b>WARNINGS</b></p>	<p>Product is temperature.          Store at recommended temperature.</p>
<p><b>PRODUCT SHELF LIFE</b></p>	<p>6 months when stored properly</p>
<p><b>STERILIZATION</b></p>	<p>Product is sold sterilized.</p>
<p><b>PACKAGING AND LABELLING</b></p>	<ol style="list-style-type: none"> <li>1) Sealing band applied around cap and bottle junction</li> <li>2) Label bottle.</li> </ol> <div data-bbox="331 1285 1165 1832" style="border: 1px solid black; padding: 10px;">  <p>The label features the GVS logo and 'FILTER TECHNOLOGY' text. It includes contact information for GVS North America: Sanford, ME 04073 - USA, www.gvs.com, and +1 866-736-1250. The product name 'MI Bottled Agar' is highlighted in a blue rounded rectangle, with '50 ml bottle' below it. A table of product details is provided: REF 10496847, LOT SAMPLE, QTY 100 EA, date Jan/2018, and 'Sample' with an hourglass icon. There are also icons for 'STERILE', 'NO OPEN FLAME', and a temperature range of 2°C to 8°C. A barcode is present with the number 18339021791 and 'MADE IN USA' below it. The label ID 's9999999' and 'Rev. 0' are also visible.</p> </div> <p><b>Secondary (for shipping):</b> Another barcode label is applied to outside of box, with reference to the cumulative quantity.</p>

# PRODUCT SPECIFICATION

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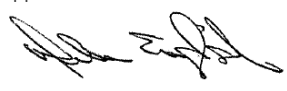
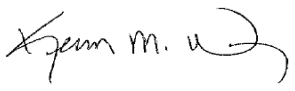
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<b>CERTIFICATE OF COMPLIANCE</b>	With each shipment, GVS NA will provide the CoC with item number, lot number and expiration date. The Quality management system is in compliance with ISO 9001.																																												
<b>VISUAL REQUIREMENTS</b>	<p><b>Visual acceptance requirements apply when inspected under below conditions:</b>  <b>Magnification:</b> none  <b>Light type:</b> normal room lighting</p> <table border="1" style="width: 100%; margin-left: 40px;"> <thead> <tr> <th colspan="3">Acceptance Requirement</th> <th>Sampling Plan</th> </tr> </thead> <tbody> <tr> <td style="width: 5%;">1</td> <td style="width: 70%;">Color – pale yellow</td> <td style="width: 25%;">all</td> <td rowspan="2" style="text-align: center; vertical-align: middle;">100%</td> </tr> <tr> <td>2</td> <td>Bottle/cap appearance – no cracks</td> <td>none</td> </tr> </tbody> </table>	Acceptance Requirement			Sampling Plan	1	Color – pale yellow	all	100%	2	Bottle/cap appearance – no cracks	none																																	
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<p>This material specification describes the properties of product above indicated.  This document contains general requirements, material description, drawing references, defect specification, biological material requirements.</p>																																													

## REVISIONS AND APPROVALS:

DATE	REV.	REASON FOR CHANGE	ISSUED AND CONTROLLED BY: (name /function and signature)	APPROVED BY: (name /function and signature)
11/20/19	0	Initial release	Debra English/Manager Biochemistry Applications 	Kevin Wrigley/Director, Quality 

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## *Customer Approval:*

We accept this material specification as a part of the agreed terms of delivery

Company name \_\_\_\_\_

Approved by: \_\_\_\_\_  
(Name, Function) (Signature)

Date \_\_\_\_\_  
(Company stamp)

*Please send back this document signed for approval. If we will not receive this specification signed , we consider the first order placed as implicit approval.*