

Product PN 10496851

Mod. 984

Description MI Bottled Broth

Rev. 02

MI Bottled Broth



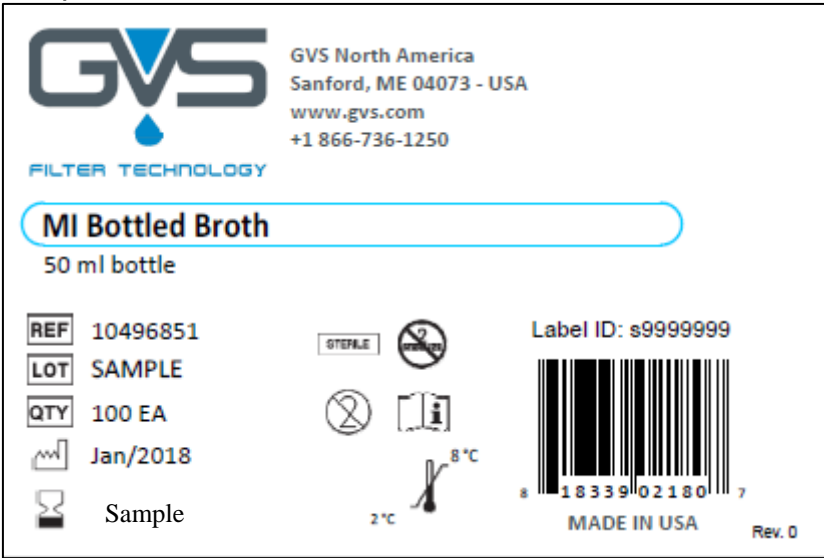
PRODUCT DESCRIPTION	<p>BRO MI 50 ml (1/pk)</p> <p>MI Agar detects the presence of coliform bacteria by the production of b-galactosidase, which cleaves the substrate MUGal to produce 4-methylumbelliferone, which fluoresces on exposure to UV light. Non-coliforms do not produce this enzyme and therefore 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>
MANUFACTURER NAME	<p>GVS North America 63 Community Drive Sanford, Me 04073 Phone: +1.866.736.1250 eMail: CustomerCareGVSLs@gvs.com - Website: www.gvs.com</p>
INTENDED USE / APPLICATION	<p>MI Broth is used for the detection of Total Coliforms and <i>E.coli</i> in water testing.</p>
MATERIALS	<p>Media: MI Broth</p> <p>Color: Pale yellow nutrient liquid</p> <p>Bottle: Clear soda lime glass</p> <p>Cap: Black plastic</p> <p>Regulatory Documentation Required:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Biocompatibility according to ISO 10993-1 <input type="checkbox"/> IMDS <input checked="" type="checkbox"/> Rohs, directive 2002/95/CE <input type="checkbox"/> BSE/TSE, directive 2003/32/ <input type="checkbox"/> DEHP plasticizer Free and latex free <input type="checkbox"/> Aging <input checked="" type="checkbox"/> Reach 1907/2006/CE (hazardous substances regulation) <input type="checkbox"/> Dir. 67/548/CE and Reg. 1272/2008/CE (medical sector dangerous substances) <input checked="" type="checkbox"/> Conflict minerals

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<p>PRODUCT CHARACTERISTIC</p>	<p>Yellow colored liquid media dispensed in glass bottles and sealed with cap</p> <p>Physical/Mechanical: Dimensions: Bottle (39 mm x 94 mm) with black cap Volume/ampoule: 48-52 ml Incubation Temperature Range: From 33°C to 37°C Storage temperature Range: From 2°C to 8°C</p> <p>Biological: Product is sold sterilized.</p> <p>Toxicity: See SDS for further information.</p>										
<p>INSTRUCTIONS WARNINGS</p>	<p>Product is temperature. Store at recommended temperature.</p>										
<p>PRODUCT SHELF LIFE</p>	<p>6 months when stored properly</p>										
<p>STERILIZATION</p>	<p>Product is sold sterilized.</p>										
<p>PACKAGING AND LABELLING</p>	<ol style="list-style-type: none"> 1) Sealing band applied around cap and bottle junction 2) Label bottle. <div data-bbox="331 1227 1158 1783" 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 Broth' is highlighted in a blue rounded rectangle, with '50 ml bottle' below it. A table of product details is provided:</p> <table border="1" data-bbox="354 1541 534 1758"> <tr><td>REF</td><td>10496851</td></tr> <tr><td>LOT</td><td>SAMPLE</td></tr> <tr><td>QTY</td><td>100 EA</td></tr> <tr><td>Exp. Date</td><td>Jan/2018</td></tr> <tr><td>Icon</td><td>Sample</td></tr> </table> <p>Additional icons include 'STERILE', a 'no open flame' symbol, a 'fragile' symbol, and a temperature range icon showing 2°C and 8°C. A barcode is present with the label ID 's9999999' and the number '8 18339 02180 7'. The text 'MADE IN USA' and 'Rev. 0' are also visible.</p> </div> <p>Secondary (for shipping): Another barcode label is applied to outside of box, with reference to the cumulative quantity.</p>	REF	10496851	LOT	SAMPLE	QTY	100 EA	Exp. Date	Jan/2018	Icon	Sample
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PRODUCT SPECIFICATION

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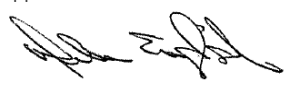
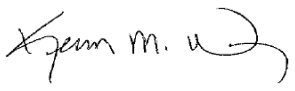
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CERTIFICATE OF COMPLIANCE	With each shipment, GVS NA will provide the CoC with item number, lot number and expiration date. The Quality management system is in compliance with ISO 9001.																																														
VISUAL REQUIREMENTS	<p>Visual acceptance requirements apply when inspected under below conditions: Magnification: none Light type: normal room lighting</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="3" style="background-color: #e6f2ff;">Acceptance Requirement</th> <th style="background-color: #e6f2ff;">Sampling Plan</th> </tr> </thead> <tbody> <tr> <td style="width: 5%; text-align: center;">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 style="text-align: center;">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.