



# Nutri-Bact

SUPPLEMENTS, ENRICHMENTS & REAGENTS - BREWERY

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**ACETATE AGAR**

Use with sodium acetate pre-mixed with the powder for the isolation and cultivation of *Leuconostoc* species and *Pediococcus* species.

**500 g****QB-39-0005****ACETATE AGAR**

Use with Sodium Acetate Buffer (Code # 8382) for the isolation and cultivation of *Leuconostoc* species and *Pediococcus* species.

**500 g****QB-39-0049****ACIDIC TOMATO AGAR**

ACIDIC TOMATO MEDIUM FOR LEUCONOSTOC

Use with tomato juice for the semi-selective isolation, cultivation and maintenance of *Oenococcus oeni* (formerly called *Leuconostoc oenos*) and other *Leuconostoc* species from wine. For the detection of *Oenococcus oeni* in wine during malo-lactic fermentation and in sugar canes.

**500 g****QB-39-0159****ACIDIC TOMATO BROTH**

ATB MEDIUM

Use with tomato juice for the semi-selective isolation, cultivation and maintenance of *Oenococcus oeni* (formerly called *Leuconostoc oenos*) and other *Leuconostoc* species from wine. For the detection of *Oenococcus oeni* in wine during malo-lactic fermentation and in sugar canes.

**500 g****QB-39-0154****ACIDIC TOMATO MEDIUM FOR LEUCONOSTOC**

ACIDIC TOMATO AGAR

Use with tomato juice for the semi-selective isolation, cultivation and maintenance of *Oenococcus oeni* (formerly called *Leuconostoc oenos*) and other *Leuconostoc* species from wine. For the detection of *Oenococcus oeni* in wine during malo-lactic fermentation and in sugar canes.

**500 g****QB-39-0159****APT AGAR**

Use for the cultivation and enumeration of bacteria, especially heterofermentative lactobacilli from meat and other foods. For the cultivation of lactic acid streptococci, *Leuconostoc*, *Pediococcus* and *Weissella* from dairy, meat and vegetable products.

**500 g****QB-39-0108****APT AGAR W/THIAMINE**

Use for the cultivation and enumeration of heterofermentative lactobacilli from beer, wine, meat and other food as well as other microorganisms with high requirements for thiamine.

**500 g****QB-39-0109****ASCOSPORE AGAR**

Use for the detection of ascosporegenous yeasts such as *Saccharomyces cerevisiae*.

**500 g****QB-39-0036****ASEPTIC FILLING LINE BROTH**

Use in validating aseptic packing and filling lines based on demonstrating growth by either acid or gas production.

**500 g****QB-39-0037**

<p><b>ATB MEDIUM</b> ACIDIC TOMATO BROTH Use with tomato juice for the semi-selective isolation, cultivation and maintenance of <i>Oenococcus oeni</i> (formerly called <i>Leuconostoc oenos</i>) and other <i>Leuconostoc</i> species from wine. For the detection of <i>Oenococcus oeni</i> in wine during malo-lactic fermentation and in sugar canes.</p>	<b>500 g</b>	<b>QB-39-0154</b>
<p><b>ATCC MEDIUM 33</b> TOMATO JUICE AGAR Use for the cultivation, enumeration and maintenance of a variety of bacteria including <i>Lactobacillus</i>, <i>Leuconostoc</i>, <i>Pediococcus</i>, and <i>Propionibacterium</i> species. Supplemented with 50 µg/ml of cycloheximide (CODE # 8811) for the selective isolation of <i>Oenococcus oeni</i> (formerly <i>Leuconostoc oenos</i>) from wine.</p>	<b>500 g</b>	<b>QB-39-4814</b>
<p><b>ATCC MEDIUM 1048</b> HETEROTROPHIC PLATE COUNT PLATE COUNT AGAR STANDARD METHODS AGAR TRYPTONE GLUCOSE YEAST EXTRACT AGAR Use for the enumeration of viable bacteria in milk and dairy product by microbial plate counts as per Buchbinder et al. For the estimation of the number of life heterotrophic bacteria in water, foods, beer and other materials and for measuring the changes during water treatment and distribution or in swimming pools. For the cultivation and maintenance of <i>Brevibacterium casei</i>, <i>Brevibacterium epidermidis</i>, and <i>Methylobacterium mesophilicum</i>.</p>	<b>500 g</b>	<b>QB-39-4306</b>
<p><b>ATCC MEDIUM 109</b> MALT EXTRACT AGAR Use for the isolation, detection and enumeration of yeasts, molds and <i>Flavobacterium lucescoloratum</i>.</p>	<b>500 g</b>	<b>QB-39-2810</b>
<p><b>ATCC MEDIUM 216</b> YEAST EXTRACT GLUCOSE CITRATE MEDIUM YGC BROTH Use for the isolation and cultivation of <i>Leuconostoc</i> species.</p>	<b>500 g</b>	<b>QB-39-5606</b>
<p><b>BL AGAR</b> GLUCOSE BLOOD LIVER AGAR Use with defibrinated horse blood (Code # 4526) for the cultivation and maintenance of <i>Leuconostoc lactis</i>, <i>Leuconostoc mesenteroides</i>, numerous <i>Bifidobacterium</i> species, <i>Clostridium</i> species and <i>Lactobacillus</i> species, <i>Atopobium minutum</i>, <i>Bacteroides ovatus</i>, <i>Bacteroides distasonis</i>, <i>Bacteroides thetaiotaomicron</i>, <i>Bacteroides uniformis</i>, <i>Bacteroides vulgatus</i>, <i>Campulobacter divergens</i>, <i>Carnobacterium piscicola</i>, and <i>Propionibacterium thoenii</i>.</p>	<b>500 g</b>	<b>QB-39-0167</b>

<p><b>BPLS AGAR</b></p> <p>BRILLIANT GREEN AGAR MODIFIED BRILLIANT-GREEN PHENOL-RED LACTOSE SUCROSE AGAR</p> <p>Use for the selective isolation and enumeration of Salmonella species other than Salmonella typhosa from clinical specimens, food, dairy products, beverages and pharmaceutical samples. For better recovery use with the enrichment medium Mueller-Kauffmann Tetrathionate Broth (QB-39-4605). To obtain maximum recovery of Salmonella whilst giving maximum suppression of contaminating microorganisms, use with Sulphamandelate Supplement (Code # 8375).</p>	<p><b>500 g</b></p>	<p><b>QB-39-0407</b></p>
<p><b>BRILLIANT GREEN AGAR MODIFIED</b></p> <p>BPLS AGAR BRILLIANT-GREEN PHENOL-RED LACTOSE SUCROSE AGAR</p> <p>Use for the selective isolation and enumeration of Salmonella species other than Salmonella typhosa from clinical specimens, food, dairy products, beverages and pharmaceutical samples. For better recovery use with the enrichment medium Mueller-Kauffmann Tetrathionate Broth (QB-39-4605). To obtain maximum recovery of Salmonella whilst giving maximum suppression of contaminating microorganisms, use with Sulphamandelate Supplement (Code # 8375).</p>	<p><b>500 g</b></p>	<p><b>QB-39-0407</b></p>
<p><b>BRILLIANT-GREEN PHENOL-RED LACTOSE SUCROSE AGAR</b></p> <p>BPLS AGAR BRILLIANT GREEN AGAR MODIFIED</p> <p>Use for the selective isolation and enumeration of Salmonella species other than Salmonella typhosa from clinical specimens, food, dairy products, beverages and pharmaceutical samples. For better recovery use with the enrichment medium Mueller-Kauffmann Tetrathionate Broth (QB-39-4605). To obtain maximum recovery of Salmonella whilst giving maximum suppression of contaminating microorganisms, use with Sulphamandelate Supplement (Code # 8375).</p>	<p><b>500 g</b></p>	<p><b>QB-39-0407</b></p>
<p><b>BUFFERED YEAST AGAR</b></p> <p>Use for the cultivation of yeast and molds. For controlling bottle washing operation in soft drinks and related industries.</p>	<p><b>500 g</b></p>	<p><b>QB-39-0238</b></p>
<p><b>CACO3 AGAR</b></p> <p>CALCIUM CARBONATE AGAR</p> <p>Used for the differentiation of microorganisms, especially yeast identification, based on the production of acid from glucose</p>	<p><b>500 g</b></p>	<p><b>QB-39-0718</b></p>
<p><b>CALCIUM CARBONATE AGAR</b></p> <p>CaCO<sub>3</sub> AGAR</p> <p>Used for the differentiation of microorganisms, especially yeast identification, based on the production of acid from glucose</p>	<p><b>500 g</b></p>	<p><b>QB-39-0718</b></p>
<p><b>CASEIN-PEPTONE DEXTROSE YEAST AGAR</b></p> <p>PLATE COUNT AGAR TRYPTONE GLUCOSE YEAST AGAR</p> <p>Use as non-selective medium for the plate count of microorganisms in milk, other dairy products, foods, beer, wine, water and waste water</p>	<p><b>500 g</b></p>	<p><b>QB-39-4311</b></p>

### CORN MEAL AGAR

500 g

QB-39-1108

Use for the cultivation and maintenance of numerous fungal stock cultures. For the production of chlamydospores by *Candida albicans*.

### DEEP LIVER BROTH

500 g

QB-39-1407

Use for the cultivation of *Leuconostoc mesenteroides* and *Bacillus polymyxa*

### DEMAN, ROGOSA, SHARPE

500 g

QB-39-2285

LACTOBACILLI DEMAN-ROGOSA-SHARPE BROTH LACTOBACILLUS MRS BROTH MRS BROTH

Use for the isolation and cultivation of lactic acid bacteria, especially *Lactobacillus* species from clinical specimens, foods, beer, wine and dairy products.

### DEMAN, ROGOSA, SHARPE AGAR

500 g

QB-39-2312

LACTOBACILLI DEMAN-ROGOSA-SHARPE AGAR LACTOBACILLUS MRS AGAR MRS AGAR

Use for the enrichment, isolation and cultivation of all species of *Lactobacillus* from clinical specimens, foods, beer, wine and dairy products. For the cultivation and maintenance of *Aerococcus viridians*, *Bifidobacterium coryneforme*, *Lactococcus plantarum*, *Leuconostoc* species, *Pectinatus cerevisiiphilus*, *Pediococcus* species, and *Sporolactobacillus inulinus*. Supplemented with 50 ug/ml of cycloheximide (CODE # 8811) for the selective isolation of *Oenococcus oeni* (formerly *Leuconostoc oenos*) from wine. Supplemented with 40-50% wine enhance growth of *Oenococcus oeni*.

### GLUCOSE BLOOD LIVER AGAR

500 g

QB-39-0167

BL AGAR

Use with defibrinated horse blood (Code # 4526) for the cultivation and maintenance of *Leuconostoc lactis*, *Leuconostoc mesenteroides*, numerous *Bifidobacterium* species, *Clostridium* species and *Lactobacillus* species, *Atopobium minutum*, *Bacteroides ovatus*, *Bacteroides distasonis*, *Bacteroides thetaiotaomicron*, *Bacteroides uniformis*, *Bacteroides vulgatus*, *Campulobacter divergens*, *Carnobacterium piscicola*, and *Propionibacterium thoenii*.

### GLUCOSE YEAST EXTRACT AGAR

500 g

QB-39-2001

Use for the isolation and cultivation of *Leuconostoc* species species from milk, dairy products, sweetened foods, and *Pediococcus* species from beer and wine.

### HETEROTROPHIC PLATE COUNT

500 g

QB-39-4306

ATCC MEDIUM 1048

PLATE COUNT AGAR

STANDARD METHODS AGAR

TRYPTONE GLUCOSE YEAST EXTRACT AGAR

Use for the enumeration of viable bacteria in milk and dairy product by microbial plate counts as per Buchbinder et al. For the estimation of the number of life heterotrophic bacteria in water, foods, beer and other materials and for measuring the changes during water treatment and distribution or in swimming pools. For the cultivation and maintenance of *Brevibacterium casei*, *Brevibacterium epidermidis*, and *Methylobacterium mesophilicum*.

<p><b>HLP MEDIUM</b>            HSU'S LACTOBACILLUS/PEDIOCOCCUS MEDIUM            Use for the selective isolation and enumeration of lactic acid bacteria in brewing. For the differentiation between Lactobacillus and Pediococcus based on speed of growth.</p>	<b>500 g</b>	<b>QB-39-2109</b>
<p><b>HP BROTH</b>            Use with Tetracycline solution (Code # 8809) for the isolation, cultivation and enumeration of Leuconostoc species in milk, dairy products, sweetened foods, fruit juices, beer and wine.</p>	<b>500 g</b>	<b>QB-39-2143</b>
<p><b>HSU'S LACTOBACILLUS/PEDIOCOCCUS MEDIUM</b>            HLP MEDIUM            Use for the selective isolation and enumeration of lactic acid bacteria in brewing. For the differentiation between Lactobacillus and Pediococcus based on speed of growth.</p>	<b>500 g</b>	<b>QB-39-2109</b>
<p><b>INTERNATIONAL STREPTOMYCES PROJECT MEDIUM 2</b>            ISP MEDIUM N° 2            YEAST EXTRACT MALT EXTRACT AGAR            YEAST MALT AGAR            Use with 10% Lactic Acid Solution (Code # 8429) for the cultivation of Streptomyces species as per ISP. For the isolation and cultivation of actinomycetes, yeast and moulds and other aciduric microorganisms.</p>	<b>500 g</b>	<b>QB-39-5633</b>
<p><b>ISP MEDIUM N° 2</b>            INTERNATIONAL STREPTOMYCES PROJECT MEDIUM 2 YEAST EXTRACT MALT EXTRACT AGAR            YEAST MALT AGAR            Use with 10% Lactic Acid Solution (Code # 8429) for the cultivation of Streptomyces species as per ISP. For the isolation and cultivation of actinomycetes, yeast and moulds and other aciduric microorganisms.</p>	<b>500 g</b>	<b>QB-39-5633</b>
<p><b>LACTIC ACID BACTERIA SELECTIVE AGAR BASE</b>            RAKA RAY NO. 3 AGAR            Use for the selective isolation and culture of lactic acid bacteria encountered in beer and brewing processes as per the American Society of Brewing Chemists (ASBC) and European Brewing Congress (EBC).</p>	<b>500 g</b>	<b>QB-39-3721</b>
<p><b>LACTOBACILLI DEMAN-ROGOSA-SHARPE AGAR</b>            DEMAN, ROGOSA, SHARPE AGAR LACTOBACILLUS MRS AGAR MRS AGAR            Use for the enrichment, isolation and cultivation of all species of Lactobacillus from clinical specimens, foods, beer, wine and dairy products. For the cultivation and maintenance of Aerococcus viridians, Bifidobacterium coryneforme, Lactococcus plantarum, Leuconostoc species, Pectinatus cerevisiiphilus, Pediococcus species, and Sporolactobacillus inulinus. Supplemented with 50 ug/ml of cycloheximide (CODE # 8811) for the selective isolation of Oenococcus oeni (formerly Leuconostoc oenos) from wine. Supplemented with 40-50% wine enhance growth of Oenococcus oeni.</p>	<b>500 g</b>	<b>QB-39-2312</b>

### LACTOBACILLI DEMAN-ROGOSA-SHARPE BROTH

500 g

QB-39-2285

DEMAN, ROGOSA, SHARPE  
LACTOBACILLUS MRS BROTH  
MRS BROTH

Use for the isolation and cultivation of lactic acid bacteria, especially *Lactobacillus* species from clinical specimens, foods, beer, wine and dairy products.

### LACTOBACILLUS MRS AGAR

500 g

QB-39-2312

DEMAN, ROGOSA, SHARPE AGAR  
LACTOBACILLI DEMAN-ROGOSA-SHARPE AGAR  
MRS AGAR

Use for the enrichment, isolation and cultivation of all species of *Lactobacillus* from clinical specimens, foods, beer, wine and dairy products. For the cultivation and maintenance of *Aerococcus viridians*, *Bifidobacterium coryneforme*, *Lactococcus plantarum*, *Leuconostoc* species, *Pectinatus cerevisiiphilus*, *Pediococcus* species, and *Sporolactobacillus inulinus*. Supplemented with 50 ug/ml of cycloheximide (CODE # 8811) for the selective isolation of *Oenococcus oeni* (formerly *Leuconostoc oenos*) from wine. Supplemented with 40-50% wine enhance growth of *Oenococcus oeni*.

### LACTOBACILLUS MRS BROTH

500 g

QB-39-2285

DEMAN, ROGOSA, SHARPE  
LACTOBACILLI DEMAN-ROGOSA-SHARPE BROTH  
MRS BROTH

Use for the isolation and cultivation of lactic acid bacteria, especially *Lactobacillus* species from clinical specimens, foods, beer, wine and dairy products.

### LACTOSE BROTH

500 g

QB-39-2285

Use for the detection of the presence of lactose-fermenting Gram-negative coliforms, in water samples, dairy products and foodstuffs as per APHA and AWWA. Use as a pre-enrichment broth for salmonellae and in the study of lactose fermentation of bacteria in general

### LCMS

500 g

QB-39-2219

LIN'S CUPRIC SULFATE MEDIUM

Use for the detection and quantitative determination of wild yeast populations in brewing culture yeast, and especially non-*Saccharomyces* yeast.

### LEE'S MULTI-DIFFERENTIAL AGAR (LMDA)

500 g

QB-39-4202

SCHWARZ DIFFERENTIAL AGAR  
SCHWARZ DIFFERENTIAL MEDIUM (SDM)  
SDA

Use in the brewing industry for the differentiation of brewing yeasts from wild yeasts. For the detection of most microorganisms encountered in brewery.

### LEUCONOSTOC AGAR

500 g

QB-39-2419

Use for the cultivation and maintenance of *Leuconostoc mesenteroides*.



### LIN'S CUPRIC SULFATE MEDIUM

500 g

QB-39-2219

LCMS

Use for the detection and quantitative determination of wild yeast populations in brewing culture yeast, and especially non-Saccharomyces yeast.

LIN'S WILD YEAST DIFFERENTIAL AGAR

### LWYM

500 g

QB-39-2217

Use for the detection and quantitative determination of wild yeast populations in brewing culture yeast, and especially Saccharomyces wild yeast.

### LWYM

500 g

QB-39-2217

LIN'S WILD YEAST DIFFERENTIAL AGAR

Use for the detection and quantitative determination of wild yeast populations in brewing culture yeast, and especially Saccharomyces wild yeast.

### LYSINE AGAR

500 g

QB-39-2218

Use with potassium lactate (# 8409) and lactic acid (# 8428, 8429) for the isolation and enumeration of wild yeasts in pitching yeast in brewing, based on lysine utilization as the sole nitrogen source for growth.

### MAC CONKEY AGAR

500 g

QB-39-2706

MAC CONKEY AGAR NO. 3

Use for the selective isolation, cultivation and differentiation of enteric pathogens and coliforms from clinical specimens and in foods, based on their ability to ferment lactose.

### MAC CONKEY AGAR NO. 3

500 g

QB-39-2706

MAC CONKEY AGAR

Use for the selective isolation, cultivation and differentiation of enteric pathogens and coliforms from clinical specimens and in foods, based on their ability to ferment lactose.

### MAC CONKEY BROTH

500 g

QB-39-2713

Use for the selective isolation and cultivation of coliforms in water, milk and food samples.

### MAC CONKEY BROTH, PURPLE

500 g

QB-39-2716

Use for the selective isolation and cultivation of coliforms in milk, beer and water.

### MALT AGAR

500 g

QB-39-2809

Use for the selective isolation, cultivation and maintenance of fungi (yeast and molds).

### MALT EXTRACT AGAR

500 g

QB-39-2810

ATCC MEDIUM 109

Use for the isolation, detection and enumeration of yeasts, molds and Flavobacterium lucescoloratum.



<p><b>MALT-YEAST EXTRACT-GLUCOSE-PEPTONE AGAR</b> MYGP SULFATE AGAR Use for the detection and identification of wild yeasts in larger breweries.</p>	<b>500 g</b>	<b>QB-39-3211</b>
<p><b>MAYEUX-SANDINE-ELLIKER AGAR</b> MSE AGAR Use for the selective isolation and enumeration of Leuconostoc species in milk, dairy products and sweetened foods.</p>	<b>500 g</b>	<b>QB-39-3201</b>
<p><b>M-PLATE COUNT BROTH</b> PLATE COUNT BROTH Use for the determination of bacterial counts by the membrane filter method.</p>	<b>500 g</b>	<b>QB-39-4301</b>
<p><b>MRS AGAR</b> DEMAN, ROGOSA, SHARPE AGAR LACTOBACILLI DEMAN-ROGOSA-SHARPE AGAR LACTOBACILLUS MRS AGAR Use for the enrichment, isolation and cultivation of all species of Lactobacillus from clinical specimens, foods, beer, wine and dairy products. For the cultivation and maintenance of Aerococcus viridians, Bifidobacterium coryneforme, Lactococcus plantarum, Leuconostoc species, Pectinatus cerevisiophilus, Pediococcus species, and Sporolactobacillus inulinus. Supplemented with 50 ug/ml of cycloheximide (CODE # 8811) for the selective isolation of Oenococcus oeni (formerly Leuconostoc oenos) from wine. Supplemented with 40-50% wine enhance growth of Oenococcus oeni.</p>	<b>500 g</b>	<b>QB-39-2312</b>
<p><b>MRS BROTH</b> DEMAN, ROGOSA, SHARPE LACTOBACILLI DEMAN-ROGOSA-SHARPE BROTH LACTOBACILLUS MRS BROTH Use for the isolation and cultivation of lactic acid bacteria, especially Lactobacillus species from clinical specimens, foods, beer, wine and dairy products.</p>	<b>500 g</b>	<b>QB-39-2285</b>
<p><b>MRS BROTH W/CYSTEINE</b> Use for the isolation and cultivation of Leuconostoc mesenteroides.</p>	<b>500 g</b>	<b>QB-39-3012</b>
<p><b>MSE AGAR</b> MAYEUX-SANDINE-ELLIKER AGAR Use for the selective isolation and enumeration of Leuconostoc species in milk, dairy products and sweetened foods.</p>	<b>500 g</b>	<b>QB-39-3201</b>
<p><b>MUG PCA</b> PLATE COUNT MUG AGAR Use for the determination of plate count of microorganisms in milk, dairy products, beer and wine based on fluorogenic method.</p>	<b>500 g</b>	<b>QB-39-4308</b>
<p><b>MYGP SULFATE AGAR</b> MALT-YEAST EXTRACT-GLUCOSE-PEPTONE AGAR Use for the detection and identification of wild yeasts in larger breweries.</p>	<b>500 g</b>	<b>QB-39-3211</b>

<p><b>NBB AGAR BASE, MODIFIED</b></p> <p>Use for the selective detection of contaminating/spoilage microorganisms in beer.</p>	500 g	QB-39-3312
<p><b>NBB BROTH BASE, MODIFIED</b></p> <p>Use for the selective detection of contaminating/spoilage microorganisms in beer.</p>	500 g	QB-39-3314
<p><b>OGY AGAR</b></p> <p>OGYE AGAR OXYTETRACYCLINE GLUCOSE YEAST EXTRACT AGAR</p> <p>Upon supplemented by oxytetracycline (# 8546) is use for the selective isolation, enumeration, and cultivation of yeasts and molds from foodstuff and more particularly from milk and milk products.</p>	500 g	QB-39-3505
<p><b>OGYE AGAR</b></p> <p>OGY AGAR OXYTETRACYCLINE GLUCOSE YEAST EXTRACT AGAR</p> <p>Upon supplemented by oxytetracycline (# 8546) is use for the selective isolation, enumeration, and cultivation of yeasts and molds from foodstuff and more particularly from milk and milk products.</p>	500 g	QB-39-3505
<p><b>OXYTETRACYCLINE GLUCOSE YEAST EXTRACT AGAR</b></p> <p>OGY AGAR OGYE AGAR</p> <p>Upon supplemented by oxytetracycline (# 8546) is use for the selective isolation, enumeration, and cultivation of yeasts and molds from foodstuff and more particularly from milk and milk products.</p>	500 g	QB-39-3505
<p><b>PLATE COUNT AGAR</b></p> <p>ATCC MEDIUM 1048 HETEROTROPHIC PLATE COUNT STANDARD METHODS AGAR TRYPTONE GLUCOSE YEAST EXTRACT AGAR</p> <p>Use for the enumeration of viable bacteria in milk and dairy product by microbial plate counts as per Buchbinder et al. For the estimation of the number of life heterotrophic bacteria in water, foods, beer and other materials and for measuring the changes during water treatment and distribution or in swimming pools. For the cultivation and maintenance of Brevibacterium casei, Brevibacterium epidermidis, and Methylobacterium mesophilicum.</p>	500 g	QB-39-4306
<p><b>PLATE COUNT AGAR</b></p> <p>CASEIN-PEPTONE DEXTROSE YEAST AGAR TRYPTONE GLUCOSE YEAST AGAR</p> <p>Use as non-selective medium for the plate count of microorgaisms in milk, other dairy products, foods, beer, wine, water and waste water</p>	500 g	QB-39-4311
<p><b>PLATE COUNT BROTH</b></p> <p>m-PLATE COUNT BROTH</p> <p>Use for the determination of bacterial counts by the membrane filter method.</p>	500 g	QB-39-4301

<p><b>PLATE COUNT MUG AGAR</b> MUG PCA Use for the determination of plate count of microorganisms in milk, dairy products, beer and wine based on fluorogenic method.</p>	<b>500 g</b>	<b>QB-39-4308</b>
<p><b>RAKA RAY NO. 3 AGAR</b> LACTIC ACID BACTERIA SELECTIVE AGAR BASE Use for the selective isolation and culture of lactic acid bacteria encountered in beer and brewing processes as per the American Society of Brewing Chemists (ASBC) and European Brewing Congress (EBC).</p>	<b>500 g</b>	<b>QB-39-3721</b>
<p><b>RAKA RAY NO. 3 HI-GEL AGAR</b> A modified version of the standard formulation with higher gel strength to improve surface inoculation techniques. Use for the selective isolation of lactic acid bacteria encountered in beer and brewing processes as per the ASBC and EBC.</p>	<b>500 g</b>	<b>QB-39-3719</b>
<p><b>RMW AGAR</b> ROGOSA SELECTIVE LACTOBACILLUS AGAR ROGOSA SL AGAR Use with glacial acetic acid (# 8413) for the isolation, enumeration and identification of lactobacilli in oral bacteriology, feces, vaginal specimens and foodstuffs.</p>	<b>500 g</b>	<b>QB-39-3733</b>
<p><b>ROGOSA SELECTIVE LACTOBACILLUS AGAR</b> RMW AGAR ROGOSA SL AGAR Use with glacial acetic acid (# 8413) for the isolation, enumeration and identification of lactobacilli in oral bacteriology, feces, vaginal specimens and foodstuffs.</p>	<b>500 g</b>	<b>QB-39-3733</b>
<p><b>ROGOSA SL AGAR</b> RMW AGAR ROGOSA SELECTIVE LACTOBACILLUS AGAR Use with glacial acetic acid (# 8413) for the isolation, enumeration and identification of lactobacilli in oral bacteriology, feces, vaginal specimens and foodstuffs.</p>	<b>500 g</b>	<b>QB-39-3733</b>
<p><b>ROSE BENGAL CHLORAMPHENICOL AGAR</b> With chloramphenicol premixed with the powder is used for the selective isolation, cultivation, and enumeration of yeasts and molds from environmental specimens and foods.</p>	<b>500 g</b>	<b>QB-39-3717</b>
<p><b>SCHWARZ DIFFERENTIAL AGAR</b> LEE'S MULTI-DIFFERENTIAL AGAR (LMDA) SCHWARZ DIFFERENTIAL MEDIUM (SDM) SDA Use in the brewing industry for the differentiation of brewing yeasts from wild yeasts. For the detection of most microorganisms encountered in brewery.</p>	<b>500 g</b>	<b>QB-39-4202</b>
<p><b>SCHWARZ DIFFERENTIAL AGAR W/ACTIDIONE</b> Use for the detection of bacteria commonly encountered in brewery.</p>	<b>500 g</b>	<b>QB-39-4203</b>

**SCHWARZ DIFFERENTIAL MEDIUM (SDM)**
**500 g**
**QB-39-4202**

LEE'S MULTI-DIFFERENTIAL AGAR (LMDA) SCHWARZ DIFFERENTIAL AGAR  
SDA

Use in the brewing industry for the differentiation of brewing yeasts from wild yeasts. For the detection of most microorganisms encountered in brewery.

**SDA**
**500 g**
**QB-39-4202**

LEE'S MULTI-DIFFERENTIAL AGAR (LMDA)  
SCHWARZ DIFFERENTIAL AGAR  
SCHWARZ DIFFERENTIAL MEDIUM (SDM)

Use in the brewing industry for the differentiation of brewing yeasts from wild yeasts. For the detection of most microorganisms encountered in brewery.

**STANDARD METHODS AGAR**
**500 g**
**QB-39-4306**

ATCC MEDIUM 1048  
HETEROTROPHIC PLATE COUNT  
PLATE COUNT AGAR  
TRYPTONE GLUCOSE YEAST EXTRACT AGAR

Use for the enumeration of viable bacteria in milk and dairy product by microbial plate counts as per Buchbinder et al. For the estimation of the number of life heterotrophic bacteria in water, foods, beer and other materials and for measuring the changes during water treatment and distribution or in swimming pools. For the cultivation and maintenance of *Brevibacterium casei*, *Brevibacterium epidermidis*, and *Methylobacterium mesophilicum*.

**SUCROSE AGAR**
**500 g**
**QB-39-4407**

Use for the isolation and cultivation of *Lactobacillus* species and *Leuconostoc* species from brewery isolates.

**TBYA AGAR**
**500 g**
**QB-39-5216**

TRYPTONE BEEF YEAST EXTRACT ACETATE AGAR

Use for the isolation, cultivation and maintenance of *Leuconostoc* species in milk, dairy products, sweetened foods, fruit juices, beer and wine.

**TOMATO JUICE AGAR**
**500 g**
**QB-39-4814**

ATCC MEDIUM 33

Use for the cultivation, enumeration and maintenance of a variety of bacteria including *Lactobacillus*, *Leuconostoc*, *Pediococcus*, and *Propionibacterium* species. Supplemented with 50 ug/ml of cycloheximide (CODE # 8811) for the selective isolation of *Oenococcus oeni* (formerly *Leuconostoc oenos*) from wine.

**TRYPTONE BEEF YEAST EXTRACT ACETATE AGAR**
**500 g**
**QB-39-5216**

TBYA AGAR

Use for the isolation, cultivation and maintenance of *Leuconostoc* species in milk, dairy products, sweetened foods, fruit juices, beer and wine.

<p><b>TRYPTONE GLUCOSE YEAST AGAR</b></p> <p>CASEIN-PEPTONE DEXTROSE YEAST AGAR PLATE COUNT AGAR</p> <p>Use as non-selective medium for the plate count of microorganisms in milk, other dairy products, foods, beer, wine, water and waste water</p>	<b>500 g</b>	<b>QB-39-4311</b>
<p><b>TRYPTONE GLUCOSE YEAST EXTRACT AGAR</b></p> <p>ATCC MEDIUM 1048</p> <p>HETEROTROPHIC PLATE COUNT</p> <p>PLATE COUNT AGAR</p> <p>STANDARD METHODS AGAR</p> <p>Use for the enumeration of viable bacteria in milk and dairy product by microbial plate counts as per Buchbinder et al. For the estimation of the number of life heterotrophic bacteria in water, foods, beer and other materials and for measuring the changes during water treatment and distribution or in swimming pools. For the cultivation and maintenance of <i>Brevibacterium casei</i>, <i>Brevibacterium epidermidis</i>, and <i>Methylobacterium mesophilicum</i>.</p>	<b>500 g</b>	<b>QB-39-4306</b>
<p><b>UBA</b></p> <p>UNIVERSAL BEER AGAR</p> <p>Use for the selective isolation and enumeration of significant contaminating bacteria and yeasts encountered in wort and beer.</p>	<b>500 g</b>	<b>QB-39-5300</b>
<p><b>UBA W/CYCLOHEXIMIDE</b></p> <p>UNIVERSAL BEER AGAR w/ CYCLOHEXIMIDE</p> <p>Use for the selective isolation and enumeration of significant contaminating bacteria and yeasts encountered in wort and beer.</p>	<b>500 g</b>	<b>QB-39-5304</b>
<p><b>UNIVERSAL BEER AGAR</b></p> <p>UBA</p> <p>Use for the selective isolation and enumeration of significant contaminating bacteria and yeasts encountered in wort and beer.</p>	<b>500 g</b>	<b>QB-39-5300</b>
<p><b>UNIVERSAL BEER AGAR W/ CYCLOHEXIMIDE</b></p> <p>UBA w/CYCLOHEXIMIDE</p> <p>Use for the selective isolation and enumeration of significant contaminating bacteria and yeasts encountered in wort and beer.</p>	<b>500 g</b>	<b>QB-39-5304</b>
<p><b>WALLERSTEIN LABORATORY DIFFERENTIAL MEDIUM</b></p> <p>WL DIFFERENTIAL MEDIUM</p> <p>Use for the differential cultivation of bacteria from industrial fermentation processes. Growth of yeasts and molds is inhibited.</p>	<b>500 g</b>	<b>QB-39-5612</b>
<p><b>WALLERSTEIN LABORATORY NUTRIENT AGAR</b></p> <p>WL NUTRIENT AGAR</p> <p>Use for the detection, enumeration, and cultivation of yeasts, molds and bacteria (<i>Lactobacillus</i>, <i>Enterobacteriaceae</i>, <i>Pediococcus</i> and <i>Flavobacterium</i> species) from industrial fermentation processes, particularly in the brewing process.</p>	<b>500 g</b>	<b>QB-39-5613</b>

<b>WALLERSTEIN LABORATORY NUTRIENT BROTH</b> WL NUTRIENT BROTH Use for the cultivation and isolation of yeasts, molds, and bacteria found in control of brewing and other industrial fermentation process.	<b>500 g</b>	<b>QB-39-5611</b>
<b>WL DIFFERENTIAL MEDIUM</b> WALLERSTEIN LABORATORY DIFFERENTIAL MEDIUM Use for the differential cultivation of bacteria from industrial fermentation processes. Growth of yeasts and molds is inhibited.	<b>500 g</b>	<b>QB-39-5612</b>
<b>WL NUTRIENT AGAR</b> WALLERSTEIN LABORATORY NUTRIENT AGAR Use for the detection, enumeration, and cultivation of yeasts, molds and bacteria (Lactobacillus, Enterobacteriaceae, Pediococcus and Flavobacterium species) from industrial fermentation processes, particularly in the brewing process.	<b>500 g</b>	<b>QB-39-5613</b>
<b>WL NUTRIENT BROTH</b> WALLERSTEIN LABORATORY NUTRIENT BROTH Use for the cultivation and isolation of yeasts, molds, and bacteria found in control of brewing and other industrial fermentation process.	<b>500 g</b>	<b>QB-39-5611</b>
<b>WORT AGAR</b> Use for the cultivation and enumeration of yeasts.	<b>500 g</b>	<b>QB-39-5520</b>
<b>YEAST &amp; MOLD AGAR</b> YEAST MALT EXTRACT AGAR YM AGAR Use with lactic acid (# 8428, 8429) for the selective isolation and maintenance of yeasts and molds. For the detection of wild yeasts in beer. For the cultivation of other aciduric microorganisms such as Actinoplanes species, Streptomyces species, Streptoverticillium species, and Nocardia species.	<b>500 g</b>	<b>QB-39-5624</b>
<b>YEAST &amp; MOLD BROTH</b> YEAST MALT EXTRACT BROTH YM BROTH Use with lactic acid (# 8428, 8429) for the selective isolation and maintenance of yeasts and molds. For the detection of wild yeasts in beer. For the cultivation of other aciduric microorganisms such as Actinoplanes species, Streptomyces species, Streptoverticillium species, and Nocardia species.	<b>500 g</b>	<b>QB-39-5626</b>
<b>YEAST CARBON BASE</b> Use for the classification of yeasts on the basis of their ability to assimilate nitrogen compounds.	<b>500 g</b>	<b>QB-39-5634</b>
<b>YEAST EXTRACT GLUCOSE CITRATE MEDIUM</b> ATCC MEDIUM 216 YGC BROTH Use for the isolation and cultivation of Leuconostoc species.	<b>500 g</b>	<b>QB-39-5606</b>



<p><b>YEAST EXTRACT MALT EXTRACT AGAR</b></p> <p>INTERNATIONAL STREPTOMYCES PROJECT MEDIUM 2 ISP MEDIUM N° 2 YEAST MALT AGAR</p> <p>Use with 10% Lactic Acid Solution (Code # 8429) for the cultivation of Streptomyces species as per ISP. For the isolation and cultivation of actinomycetes, yeast and moulds and other aciduric microorganisms.</p>	<b>500 g</b>	<b>QB-39-5633</b>
<p><b>YEAST EXTRACT-PEPTONE-DEXTROSE BROTH</b></p> <p>YEPD BROTH</p> <p>Use for the cultivation of Taphrina populina. For maintaining and propagating yeasts, particularly Saccharomyces cerevisiae for electro-competent cells preparation in molecular microbiology procedure.</p>	<b>500 g</b>	<b>QB-39-5616</b>
<p><b>YEAST MALT AGAR</b></p> <p>INTERNATIONAL STREPTOMYCES PROJECT MEDIUM 2 ISP MEDIUM N° 2 YEAST EXTRACT MALT EXTRACT AGAR</p> <p>Use with 10% Lactic Acid Solution (Code # 8429) for the cultivation of Streptomyces species as per ISP. For the isolation and cultivation of actinomycetes, yeast and moulds and other aciduric microorganisms.</p>	<b>500 g</b>	<b>QB-39-5633</b>
<p><b>YEAST MALT EXTRACT AGAR</b></p> <p>YEAST &amp; MOLD AGAR YM AGAR</p> <p>Use with lactic acid (# 8428, 8429) for the selective isolation and maintenance of yeasts and molds. For the detection of wild yeasts in beer. For the cultivation of other aciduric microorganisms such as Actinoplanes species, Streptomyces species, Streptoverticillium species, and Nocardia species.</p>	<b>500 g</b>	<b>QB-39-5624</b>
<p><b>YEAST MALT EXTRACT BROTH</b></p> <p>YEAST &amp; MOLD BROTH YM BROTH</p> <p>Use with lactic acid (# 8428, 8429) for the selective isolation and maintenance of yeasts and molds. For the detection of wild yeasts in beer. For the cultivation of other aciduric microorganisms such as Actinoplanes species, Streptomyces species, Streptoverticillium species, and Nocardia species.</p>	<b>500 g</b>	<b>QB-39-5626</b>
<p><b>YEAST NITROGEN BASE W/AMINO ACIDS + NITROGEN</b></p> <p>Use for carbohydrate assimilation tests in the characterization and identification of yeasts. Addition of a carbohydrate is required. For susceptibility testing of fungi.</p>	<b>500 g</b>	<b>QB-39-5628</b>
<p><b>YEAST NITROGEN BASE W/O AMINO ACIDS &amp; AMMONIUM SULFATE</b></p> <p>Use for the classification of yeasts based on carbon and nitrogen requirements. Addition of nitrogen and carbon sources is required.</p>	<b>500 g</b>	<b>QB-39-5631</b>
<p><b>YEAST NITROGEN BASE W/O AMINO ACIDS + NITROGEN</b></p> <p>Use for the classification of yeasts, based on amino acid and carbohydrate requirements. Addition of nitrogen and carbon sources is required.</p>	<b>500 g</b>	<b>QB-39-5629</b>



**YEPD BROTH** **500 g** **QB-39-5616**

YEAST EXTRACT-PEPTONE-DEXTROSE BROTH

Use for the cultivation of *Taphrina populina*. For maintaining and propagating yeasts, particularly *Saccharomyces cerevisiae* for electro-competent cells preparation in molecular microbiology procedure.

**YGC BROTH** **500 g** **QB-39-5606**

ATCC MEDIUM 216

YEAST EXTRACT GLUCOSE CITRATE MEDIUM

Use for the isolation and cultivation of *Leuconostoc* species.

**YGLPB BROTH** **500 g** **QB-39-5618**

Use for the cultivation of *Carnobacterium gallinarum*, *Carnobacterium mobile*, *Enterococcus dispar*, *Lactobacillus fructivorans*, *Leuconostoc carnosum*, *Leuconostoc gelidum* and *Vagococcus salmoninarum*.

**YM AGAR** **500 g** **QB-39-5624**

YEAST &amp; MOLD AGAR

YEAST MALT EXTRACT AGAR

Use with lactic acid (# 8428, 8429) for the selective isolation and maintenance of yeasts and molds. For the detection of wild yeasts in beer. For the cultivation of other aciduric microorganisms such as *Actinoplanes* species, *Streptomyces* species, *Streptoverticillium* species, and *Nocardia* species.

**YM BROTH** **500 g** **QB-39-5626**

YEAST &amp; MOLD BROTH

YEAST MALT EXTRACT BROTH

Use with lactic acid (# 8428, 8429) for the selective isolation and maintenance of yeasts and molds. For the detection of wild yeasts in beer. For the cultivation of other aciduric microorganisms such as *Actinoplanes* species, *Streptomyces* species, *Streptoverticillium* species, and *Nocardia* species.

### CYCLOHEXIMIDE SUPPLEMENT, 50 UG/ML

500 g

8811

To be used 5 ml per 500 ml of MRS Agar (QB-39-2312) and Tomato Juice Agar (QB-39-4814) for the selective isolation of *Oenococcus oeni* (Formerly *Leuconostoc oenos*) from beer and wine.

### GLACIAL ACETIC ACID

100 ml

8413

To be used with Rogosa SL Agar (QB-39-3733), approximately, 1.32 ml per liter of medium

### LACTIC ACID 10%

10 X 1 ml

8428

To be used with Yeast & Mold Agar (QB-39-5625) 12-15 ml per liter of medium, and with Lysine Agar (QB-39-2218) 1 ml per 100 ml of medium.

### LACTIC ACID 10%

10 X 5 ml

8429

To be used with Yeast & Mold Agar (QB-39-5625) 12-15 ml per liter of medium, and with Lysine Agar (QB-39-2218) 1 ml per 100 ml of medium.

### OGYE SELECTIVE SUPPLEMENT

10 X 5 ml

8546

To be used 10 ml per 500 ml of OGYE Agar (QB-39-3505) for the selective isolation of yeasts and molds by suppressing the growth of accompanying bacterial flora.

### POTASSIUM LACTATE 50%

10 X 1 ml

8409

To be used with Lysine Agar (QB-39-2218) 1 ml per 100 ml of medium.

### SODIUM ACETATE BUFFER SOLUTION, PH 7.0

100 ml

8382

To be used with Acetate Agar (QB-39-0049) 100 ml per liter of medium.

### SULPHAMANDELATE SUPPLEMENT

500 g

8375

To be used 5 ml per 500 ml of BPLS Agar (QB-39-0407) and MRS Agar (QB-39-2312) for the selective isolation of *Salmonella* species in low concentration.

Our 100 to 500 gram opaque HDPE containers are sealed with a moisture proof foil to ensure maximum shelf life, even in the most humid of climates. Wide mouth openings on containers let you scoop out powder efficiently without dusting the countertop.

The 1 to 50 kilos are packed in a solid PE bag in an opaque HDPE container with watertight lid.

All formulations are available off the shelf as premixed powders in pre-weighed format from 500 ml to 200 L. The 500 ml to 2 liters pre-weighed are packed under sealed aluminium envelope. Customized culture media is another option to fill your needs.



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