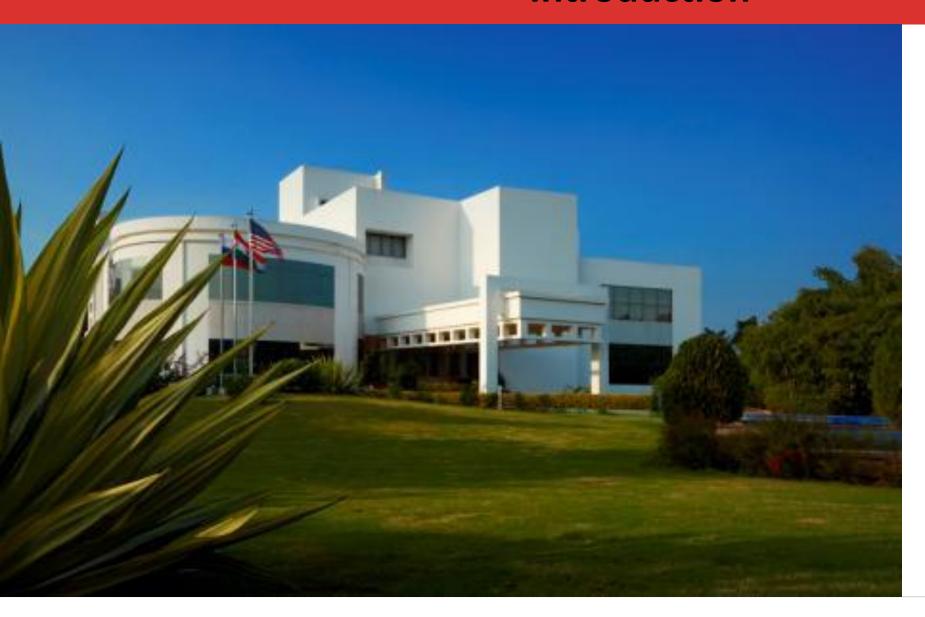


Production Building





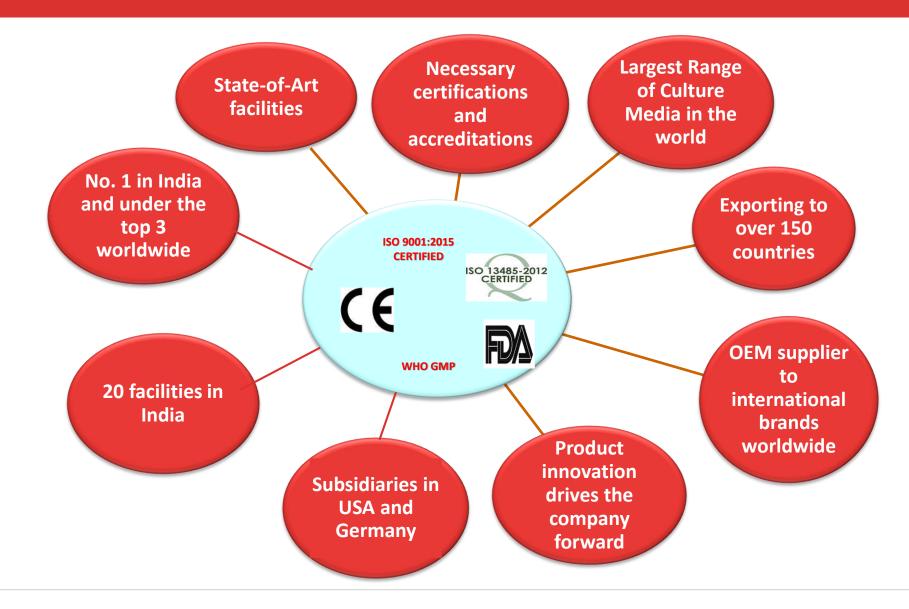
R & D Building





Production Equipment







Company presentation



ISO 9001:2015 by IQNet, Quality Austria &

Bureau of Indian Standards (BIS)



ISO 13485-2012 by IQNet, Quality Austria



WHO GMP Certification by Quality Austria



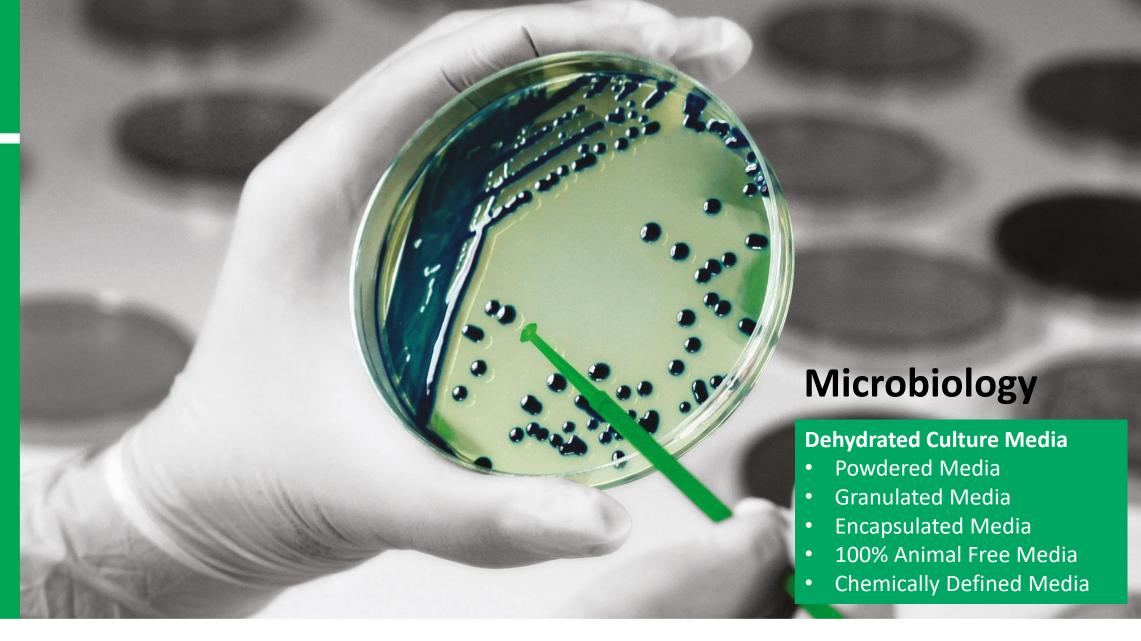
CE Marking



ISO/IEC 17025:2005 by NABL











HiMedia Today

- Largest range of culture media in the world
- Export to over 150 countries
- OEM supplier to reputed international brands
- Joint label with VWR USA VWR



Revolutionizing the field of microbiology







Microbiology Product Range

Pharmaceutical Industry

Agriculture

Brewery & Fermentation

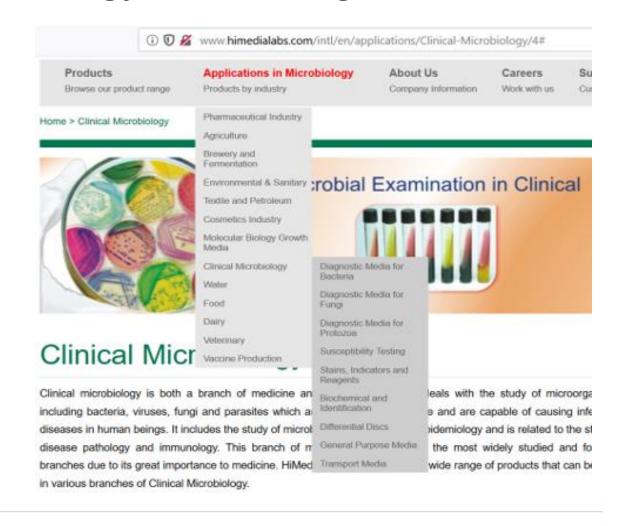
Environmental & Sanitary

Veterinary

Cosmetics

Clinical Microbiology

Water, Food, Dairy







Product categories

Dehydrated Culture Media (DCM)



- Animal Origin
- Vegetable Origin
- Chemical Origin

Supplements



- Growth and Selective Supplements
- Vitamin & Growth Factor Supplements
- Antibiotic Mixtures
- Egg yolk Supplements
- Serum & other derivatives





Granulated Media

- More than 150 granulated medias listed in catalogue
- Combines the high throughput technology of granulation and production of dehydrated culture media
- Has similar quality attributes with several added benefits in physical
- Safe for use and less dust formation
- Only two company has Granulated media (HiMedia and Merck)







Granulated Media (HiEncap)

- Customization of many medium in the granular form is possible
- Premeasured granulated media for 250 ml,500ml & 1000ml
- Just drop the capsule in water and autoclave







Media

HiVeg™

- Free of TSE/BSE risks
- Substituted with renewable sources of carbon & nitrogen
- Comparable productivity
- Lesser carbon foot print
- Ecofriendly
- More than 1500 products

HiCynth™

- Chemically Defined Media
- Free of TSE/BSE and GMO risks
- Precise source of Carbon & Nitrogen
- Increased consistency
- Launched around 80 products
- Nutritional requirement of bacterial species can be accurately determined.

HiCrome™

- Largest range of more than 80 such media
- Easy identification & differentiation
- Saves time
- Designed for significant bacterial identification, yeast identification
- Differentiating within a group of organisms

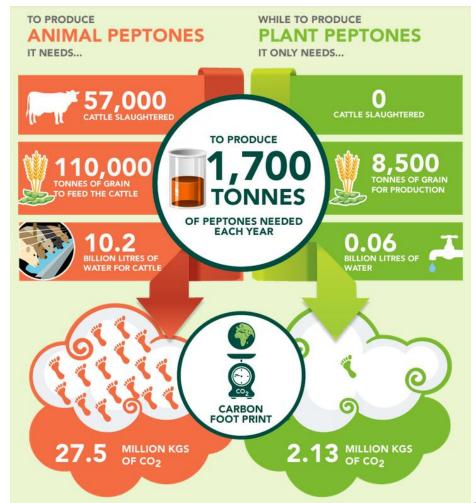




Why HiVeg™ Culture Media?

Why vegetable instead of animal-based?

- Substituted with renewable sources of carbon & nitrogen
- Lesser carbon foot print
- Ecofriendly





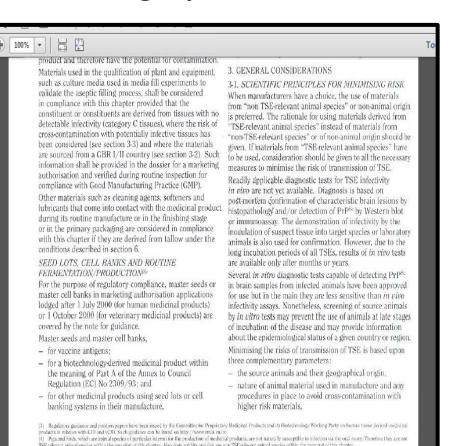


Why HiVeg Culture Media?

European Pharmacopoeia reference for use non-animal origin products

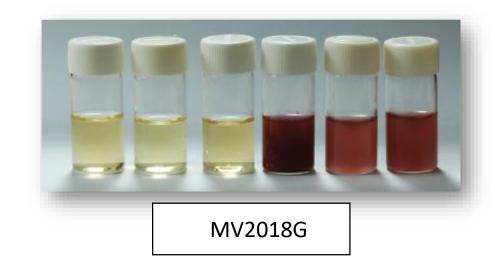
"When manufacturers have a choice, the use of materials from 'non TSE-relevant animal species' or non-animal origin is preferred"

Source EP 8.0,2014 <Section 5.2.8> Minimising the risk of transmitting TSE via medicinal products





HiFill™ Test HiVeg™



Microbial contamination is indicated by colour change from light yellow to maroon-red

- Beneficial to pharmaceutical sectors
- In this line the HiFill™ Test Medium with the addition of MFT indicator, helps to verify the microbiological growth in aseptic production process.
- MFT Indicator in the medium is utilized by all microorganisms and the microbial contamination is indicated by colour change
- Easier method for detection of contamination with less time consumption.
- Developed against Biomerieux equivalent : Media Fill 3P® It also contains a unique color indicator, changing from <u>yellow to maroon-red</u> in case of contamination.



Soyabean HiVegTM Medium



MFT Media Fill Trial

Media fill studies, simulates the filling process during production and helps in detecting contamination in the production line, if any. Generally the commercial media is prepared, autoclaved and after filtering through a 0.2 micron sterilizing filter is used to investigate presence or absence of contamination. To make the process faster, efficient and safer; HiMedia provides gamma irradiated dehydrated culture media which can be directly used. Soyabean HiVegTM medium sterile powder, y-irradiated from vegetable source can be used.

3 - General Considerations 3-1: Scientific Principles for Minimising risk

"When manufacturers have a choice, the use of materials from 'non TSE-relevant animal species' or non-animal origin is preferred"

Source EP 8.0,2014 <Section 5.2.8> Minimising the risk of transmitting TSE via medicinal products Animal Free Media MV011G

Gamma Irradiated Medium for Media Fill Trial

Also available classical Tryptone Soys Broth as per USP MHOLIG / GMHOLIG!

*Grandated fore

HiMediaLaboratories™ himedialabs.com



Media Fill: Maximum Benefits & Minimizing Risks with HiVeg™ Gamma Irradiated TSB.



Media fills simulate the whole process in order to evaluate the starility confidence of the process. Process simulation studies include formulation, filtration and filling with suitable media. In general, a microbiological growth mediam such as Tryptic Sey Broth should be used. Use of anaerobic growth media (e.g. Fluid Thioghyonitate medium) should be considered in special circumstances.

With the spurt in number of BSE symptoms across global bovine population & and its exhibit CJD in humans concerns were raised about bovine origin products.

Elimination of BSE/TSE Risk can be achieved by use of raw material from right origin & right parts of the animal. Definition of Risk Categories by EU:

Category A: High infectivity (e.g. brain, spinal cord)

Category B: Moderate infectivity (e.g. spieen, lung, liver) Category C: No infectivity found (e.g. milk, bile, skeletal

muscle, heart, skin)

HiMedia only sources from risk category 'C' for its products. Moreover as per the Definition of Geographical BSE Risk by EU, raw material sourced from India has no listings. In spite of such a proven track record of quality, a step further to provide more secure process HIVeg* outbure media was launched. Both USP & EP preferred or recommend that alternative, non-animal source ingredients be substituted for animal-source ingredients whenever possible.

The risk of Mycoplasma is always lurking in the raw material. Moreover Mycoplasma can move through 0.2 mm filten & Reach high titlers (10? — 30° cfu/ml) without producing pit changes or media turbidity proving itself as invisible threat. In such cases a prudent step shead to provide maximum quality assurance is to provide *-irrediated TSB.

γ- Irradiation does not affect product performance, and results in a Contaminant-free material, this has been evaluated by comparative studies on growth performance of pharmacopoeia listed pathogens. Thus HIVeg[∞] γ-Irradiated TSB is the choice of a prudent quality system.

Introduced gamma irradiated HIFIII** Test Medium recommended for the evaluation of sterility in manufacturing process for easy detection of contamination. The medium is designed with TSB containing an MFT indicator wherein the colour change is from selfore to pick red.

Reference:

- The USP Perspective to Minimize the Potential Risk of TSEinfectivity in Bovine-derived Articles Used in the Manufacture of Medical Products; with Ian DeVeau and Roger Dabbeh. Pharmacopoeial Forum, 30(5):1911-1921, 2004.
- European Pharmacopoela (Supplement 6.3), 2008, European Department, for the Quality of Medicines

HiMedia Laboratories Pvt. Ltd.

www.himedialabs.com

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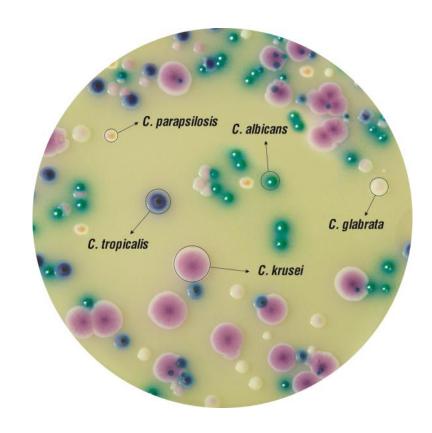




For Life is Precious

HiCromeTM - Chromogenic Media

- Largest range of more than 80 such media
- Easy identification & differentiation
- Saves time
- Designed for significant bacterial identification, yeast identification
- Differentiating within a group of organisms
- HiVeg™ HiCrome™ Media also available





HiCromeTM Chromogenic Coliform Agar (CCA)

M1991I suggest for detection of *Escherichia coli* and coliforms in water samples. The composition and performance criteria of this medium are as per the specifications laid down in ISO 9308-1:2014.

It is exactly equivalent to Merck 1.10426.0500





Folic Acid Casei Medium

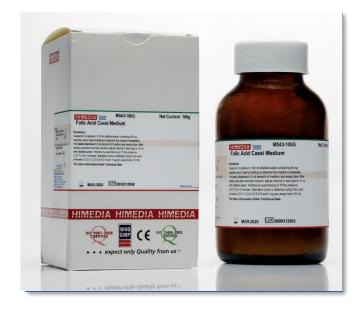
Available Globally

HiMedia's Folic Acid Casei Medium, M543

For the microbiological assay of folic acid in blood serum

Using Lactobacillus casei ATCC 7469 as the test organism.

* Only HiMedia has this Medium





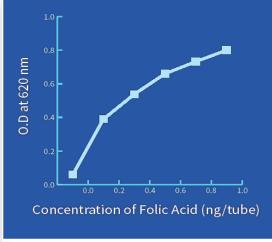
Folic Acid Casei Medium

How does it work?

Cell density of *Lactobacillus casei* is dependent on the folic acid content in the growth medium. By measuring the turbidity of the growth medium **containing** the sample, the folic acid content of the sample can be determined.

Users of Folic Acid Casei Medium are found in the clinical, pharmaceutical and food industry.



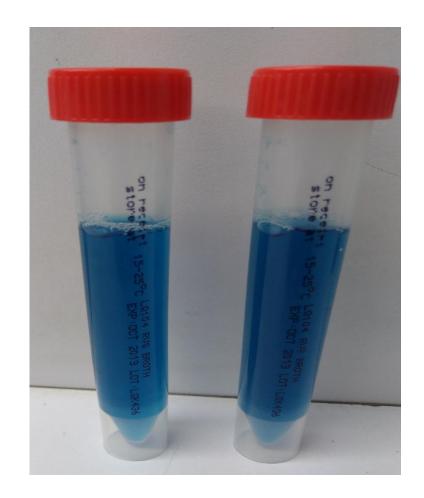


The folic acid concentration of the sample is determined by means of a standard curve.



LQ104 - Rappaport Vassiliadis Medium

- Sterile Medium in Ready prepared form
- Convenient Pack sizes of 5ML, 10ML, 20ML
- For direct inoculations of samples
- Recommended for Selective Enrichment Medium for Salmonella
- Sterilized by autoclaving at 115°C as per validated cycle
- Sterility assurance level assured by using BI strips
- Formula in compliance with as per Pharmacopoeias USP, EP, BP, JP
- For use in Pharmaceuticals, Clinical and Food testing





2.6.13. Test for specified micro-organisms

Table 2.6.13.-1 - Growth promoting, inhibitory and indicative properties of media

	Medium	Property	Test strains
Test for bile-tolerant gram-negative bacteria	Enterobacteria enrichment broth-Mossel	Growth promoting	E. coli
bacteria	Drotn-Mosser		P. aeruginosa
		Inhibitory	S. aureus
j	Violet red bile glucose agar	Growth promoting + indicative	E. coli
			P. aeruginosa
Test for Escherichia coli	MacConkey broth	Growth promoting	E. coli
		Inhibitory	S. aureus
	MacConkey agar	Growth promoting + indicative	E. coli
Test for Salmonella	Rappaport Vassiliadis Salmonella enrichment broth	Growth promoting	Salmonella enterica ssp. enterica serotype typhimurium or Salmonella enterica ssp. enterica serotype abony
		Inhibitory	S. aureus
	Xylose, lysine, deoxycholate agar	Growth promoting + indicative	Salmonella enterica ssp. enterica serotype typhimurium or Salmonella enterica ssp. enterica serotype abony
		Indicative	E. coli
Test for Pseudomonas aeruginosa	Cetrimide agar	Growth promoting	P. aeruginosa
		Inhibitory	E. coli
Test for Staphylococcus aureus	Mannitol salt agar	Growth promoting + indicative	S. aureus
		Inhibitory	E. coli
Test for clostridia	Reinforced medium for clostridia	Growth promoting	Cl. sporogenes
	Columbia agar	Growth promoting	Cl. sporogenes
Test for Candida albicans	Sabouraud dextrose broth	Growth promoting	C. albicans
	Sabouraud dextrose agar	Growth promoting + indicative	C. albicans



Rappaport Vassiliadis Medium MH1491 & GMH1491

- Recommended for selective enrichment of Salmonella from pharmaceutical products
- In accordance with the Tests for specified organisms-Nonsterile products (formerly microbial limit testing) by harmonized methodology of USP/EP/BP/JP.
- Advised to sterilize by autoclaving at 115°C as per validated cycle as given in pharmacopoeia
- Available Pack sizes of 100G, 500G, 2.5KG, 5KG
- g/l of HiMedia MH1491 & GMH1491 is 27.11*
 while g/l of Merck 1.07666.0500 is 42.5
 - *Loss of water molecules of magnesium chloride, hexahydrate 29.0 g in medium is accounted in dehydrated medium



Rappaport Vassiliadis Medium MH1491 & GMH1491

EUROPEAN PHARMACOPOEIA 6.3

2.6.13. Test for specified micro-organisms

Neutral red Crystal violet Purified water	30.0 mg 1 mg 1000 ml	Heat to boiling for 1 min with shaking. Adjust that after sterilisation it is 7.2 ± 0.2 at 25°C . Sautoclave using a validated cycle. Mannitol salt agar	
Adjust the pH so that after sterilisation it is $7.1\pm$		Pancreatic digest of casein	5.0 g
25 °C. Boil for 1 min with constant shaking then	sterilise in	Peptic digest of animal tissue	5.0 g
an autoclave using a validated cycle.		Beef extract	1.0 g
Rappaport Vassiliadis Salmonella enrichment broth		D-Mannitol	10.0 g
Soya peptone	4.5 g	Sodium chloride	75.0 g
Magnesium chloride hexahydrate	29.0 g		· ·
Sodium chloride	8.0 g	Agar	15.0 g
Dipotassium phosphate	0.4 g	Phenol red	0.025 g
		Purified water	1000 ml
Potassium dihydrogen phosphate Malachite green Purified water	0.6 g 0.036 g 1000 ml	Heat to boiling for 1 min with shaking. Adjust the pH so that after sterilisation it is 7.4 ± 0.2 at 25 °C. Sterilise in an	
Disable consist to the Chailles is a sect of con-		Reinforced medium for clostridia	
Dissolve, warming gently. Sterilise in an autoclave using a validated cycle, at a temperature not exceeding 115 °C. The		Beef extract	10.0 g
pH is to be 5.2 ± 0.2 at 25 °C after heating and a	utoclaving.	Peptone	10.0 g
Xylose, lysine, deoxycholate agar		Yeast extract	3.0 g



Technical Data

Rappaport Vassiliadis Salmonella Enrichment Broth

MH1491

Intended use

Rappaport Vassiliadis Salmonella Enrichment Broth is recommended for selective enrichment of Salmonella species from pharmaceutical products in accordance with the microbial limit testing by harmonized methodology of USP/EP/BP/JP.

Composition**

Ingredients	Gms / Litre	
Soya peptone	4.500	
Sodium chloride	8.000	
Dipotassium phosphate	0.400	
Potassium dihydrogen phosphate	0.600	
Magnesium chloride, hexahydrate	29.000	
Malachite green	0.036	
pH after sterilization (at 25°C)	5.2±0.2	

^{**}Formula adjusted, standardized to suit performance parameters

Directions

Suspend 27.11 grams of dehydrated medium(the equivalent weight of dehydrated medium per litre) in 1000 ml purified/distilled water. Heat if necessary to dissolve the medium completely. Dispense as desired into tubes and sterilize by autoclaving at 115°C as per validated cycle

Principle And Interpretation

Rappaport Vassiliadis Salmonella Enrichment Medium is designed according to the revised formulation by Van Schothorst et al (1) and is recommended for the selective enrichment of Salmonellae from pharmaceutical products. This medium can





MEDIA FOR FOOD & DAIRY APPLICATIONS





Few Typical Media used for Food & Dairy products Testing

For Total Bacterial Count

- M091 Plate Count Agar
- M1884 DEV Nutrient Agar

For Yeasts & Moulds

M640 Rose Bengal Chloramphenicol Agar

For Meat & Poultry Antimicrobial Inhibitor Test Agar

M1631 (pH 6.0), M1601 (pH 7.2), M1632 (pH 8.0)





Few Typical Media used for Food & Dairy products Testing

For Lactobacilli

- M1163 MRS Agar
- M641 Lactobacillus MRS Agar

For Bifidobacteria

M1734 Bifidobacterium Selective Count Agar Base

For Osmophilic Organism

M594 MY 40 Agar (Osmophilic Organisms)

For Thermophilic Flat Sour Sporeformers

M1104- M-Dextrose Tryptone Broth





Common Culture media for suspending, sample preparation and enrichment

Code	Product
GM525	Ringer salt solution
M028, M028I	Peptone Water
M1494, GM1494I	Buffered Peptone Water
M461	Phosphate Buffer
M618, M618I	Alkaline Peptone Water
M080	Lauryl Sulphate Broth
M149	Cooked Meat Medium





Buffered Peptone Water, Granulated

GM1494I

Buffered Peptone Water, granulated is used as pre-enrichment medium for increasing the recovery of injured Salmonella species from foods prior to selective enrichment and isolation. The composition and performance criteria of this medium are as per the applications laid down in ISO 6579-2002.

Composition**

Ingredients	Gms / Litre	
Enzymatic digest of casein	10.000	
Sodium chloride	5.000	
Disodium hydrogen phosphate, 12H ₂ O	9.000	
Potassium dihydrogen phosphate	1.500	
Final pH (at 25°C)	7.0±0.2	

^{**}Formula adjusted, standardized to suit performance parameters

Directions

Suspend 20.07 grams(the equivalent weight of dehydrated medium per litre) in 1000 ml distilled water. Heat if necessary to dissolve the medium completely. Dispense in tubes or flasks as desired and sterilize by autoclaving at 15 lbs pressure (121°C) for 15 minutes.



Buffered Peptone Water

Universal Medium for use as diluent and preparation of samples in food industries

- g/l of M614, MV614, MCD614: 20 g/l
- g/l of M1494I, GM1494I (as per ISO), MV1494I, MCD1494I: 20.07 g/l

9 g Na_2HPO4 , 12 H_2O on dehydration is equivalent to 3.57 g Na2HPO4 anhydrous

• g/l of Merck 1.07228: 25.5 g/l



Buffered Peptone Water



Technical Data Sheet

GranuCult™

Buffered Peptone Water

acc. ISO 6579, ISO 21528, ISO 22964, FDA-BAM

and EP

Ordering number: 1.07228.0500 / 1.07228.5000

For the preliminary non-selective enrichment of bacteria, particularly pathogenic Enterobacteriaceae such as Salmonella and Cronobacter, from food and animal feed, water and other materials.

This culture medium compiles with the specifications given by EN ISO 6579, EN ISO/FDIS 6579-1, EN ISO 6785 I IDF 93, EN ISO 19250, EN ISO 21528-1, ISO/TS 22964 I IDF/DRM 210, FDA-BAM, APHA and EP.

Mode of Action

The broth is rich in nutrients and produces high resuscitation rates for subjethally injured bacteria and intense growth. The phosphate buffer system prevents bacterial damage caused by changes in the pH of the medium. Peptone including enzymatic digest of casein acts as a source of carbon, nitrogen, vitamins and minerals whilst sodium chloride maintains the osmotic balance.



1 of 5



Typical Composition

Specifie ISO 6679, IS 8679-1, ISO ISO 21628 2296	19250, 3, ISO	Specified FDA-B/ M182	AM.	Specified t 2.8.31, ISO IDF 83	8785 I	GranuC Buffered P Water acc. I ISO 2152 22884, FDA-	eptone 80 6679, 8, ISO BAM and
Enzymatic Digest of Casein*	10 g/l	Peptone	10 g/l	Peptone	10 g/l	Peptone (includes Enzymatic Digest of Casein)	الو 10
NaCl	5 g/l	NaCl	5 g/l	NaCl	5 g/l	NaCl	5 g/l
NasHPO4 x 12 HsO	9 g/l	NasHPO4**	3.5 g/l	Na:HPO4 x 12 H;O	9 g/l	Na;HPO4 x 12 H;O	9 g/l
KH ₂ PO ₄	1.5 g/l	KH2PO4	1.5 g/l	KH2PO4	1.5 g/l	KH2PO4	1.5 g/l
Water	1000 ml/l	Water	1000 mИ	Water	1000 mVI	Water	n/a
pH at 25 °C	7.0 ± 0.2	pH at 25 °C	7.0 ± 0.2	pH at 25 °C	7.0 ± 0.2	pH at 25 °C	7.0 ± 0.2

^{*} ISO/FDIS 6579-1 specifies: Peptone - for example, enzymatic digest of casein.

Preparation

Dissolve 25.5 g in 1 i of purified water, if desired dispense into smaller vessels and autoclave 15 min at

The prepared medium is clear and yellowish. The pH value at 25 °C is in the range of 6.8-7.2.

Experimental Procedure and Evaluation

Depend on the purpose for which the medium is used.

Incubate the inoculated broth under aerobic conditions, e.g. acc. to EN ISO 6579 36-38 *C for 16-20 h, acc. to EN ISO/FDIS 6579-1 at 34-38 °C for 16-20 h.

Transfer material from the resulting culture to a selective enrichment culture medium following the method given by the appropriate standard.

According to EN ISO/FDIS 6579-1, It is permissible to store the pre-enriched sample after incubation at +2 to +8 °C for a maximum of 72 h.

We provide information and advise to our customers on equivadant hechaniques and regulatory restricts to the best of not inconsingly and entirely, but without obligation or interestly. Note that is not restrict to the second of the second or all consents to our customers to entire the second or an expectation of the second of the second or information and advise do not instead our customers of their own expensionly for chancing the united plants of the product of the consent of their own expensionly for chancing the second of the product of the product of the second of the consent of

2 of 5



^{** 3.57} g Na₂HPO₄ anhydrous is equivalent to 9 g Na₂HPO₄ x 12 H₂O

Buffered Peptone Water



Technical Data





Buffered Peptone Water

M1494I

Intended use

Buffered Peptone Water is used as pre-enrichment medium for increasing the recovery of injured Salmonella species from foods prior to selective enrichment and isolation. The composition and performance criteria of this medium are as per the applications laid down in ISO 6579-2017, ISO 6887 and ISO 21528-2017.

Composition**

Ingredients	Gms / Litre	
Tryptone #	10.000	
Sodium chloride	5.000	
Disodium hydrogen phosphate.12H2O	9.000	
Potassium dihydrogen phosphate	1.500	
FinalpH (at 25°C)	7.0±0.2	

^{**}Formula adjusted, standardized to suit performance parameters

Directions

Suspend 20.07 grams (equivalent weight of dehydrated medium) in 1000 ml distilled water. Heat if necessary to dissolve the medium completely. Dispense as desired and sterilize by autoclaving at 15 lbs pressure (121°C) for 15 minutes.

Principle And Interpretation

Microorganisms that are subjected to environmental stresses may become structurally or metabolically damaged or injured. These microorganisms are unable to replicate in selective environments. Therefore these injured organisms must be resuscitated or permitted to repair the damage by incubation in an appropriate, non-selective environment (1). Edel and Kampelmacher (2) noted that sublethal injury to Salmonellae may occur in many food preservation processes. Enriching injured cells in Lactose

Buffered Peptone Water, Granulated

GM1494I

Buffered Peptone Water, granulated is used as pre-enrichment medium for increasing the recovery of injured Salmonella species from foods prior to selective enrichment and isolation. The composition and performance criteria of this medium are as per the applications laid down in ISO 6579-2002.

Composition**

Ingredients	Gms / Litre
Enzymatic digest of casein	10.000
Sodium chloride	5.000
Disodium hydrogen phosphate, 12H ₂ O	9.000
Potassium dihydrogen phosphate	1.500
Final pH (at 25°C)	7.0±0.2

^{**}Formula adjusted, standardized to suit performance parameters

Directions

Suspend 20.07 grams (the equivalent weight of dehydrated medium per litre) in 1000 ml distilled water. Heat if necessary to dissolve the medium completely. Dispense in tubes or flasks as desired and sterilize by autoclaving at 15 lbs pressure (121°C) for 15 minutes.

Principle And Interpretation

Microorganisms that are subjected to environmental stresses may become structurally or metabolically damaged or injured.

These microorganisms are unable to replicate in selective environments. Therefore these injured organisms must be resuscitated



[#] Equivalent to Enzymatic digest of casein



MEDIA FOR WATER APPLICATIONS





Media used for Water Testing

For Enumeration

M091 Plate Count Agar

For Heterotrophic Plate Count

M962 R2A Agar

For Total Count & Gelatin Liquifying Organism

M1609 Gelatin DEV Agar

For Yeasts & Moulds

M063 Sabouraud Dextrose Agar

For Aerobic Bacteria

M290 Soyabean Casein Digest Agar







Culture media for detecting coliforms in water and waste water

Coliforms

MPN Tests

- M080 Lauryl Sulphate Broth
- M083 MacConkey Broth Purple w/BCP
- M458 Violet Red Bile Broth

Membrane Filter Technique

- M1106 M-Endo Agar LES
- M1111 M-FC Broth Base
- M1023 M-Lauryl Sulphate Broth
- M1066 M-Tergitol 7 Agar Base
- M1991I HiCrome™ Chromogenic Coliform Agar (CCA Agar) ISO 9308-1:2014.





Chemical Testing

Multi Parameter Water Testing Kit - WT015

Comprehensive Lab-Free Qualitative and Quantitative Chemical Water Testing in a Single Kit

- Fluoride Nitrate Iron Residual (Free) chlorine
- Ch lo ride . Total hardness . Turb id ity test . pH test



Bureau of Indian standards have set the requirements for essential and desirable characteristics to be tested for ascertaining the suitability of water in IS 10500-1991.

WT015 ofered by HIMe dia is a Multiparameter water testing kit determining levels of fluoride, nitrate, iron, residual (free) chlorine, chloride and total hardness besides measuring turbidity and pH.



Kit contents: Type of test

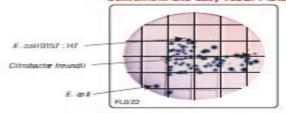
Fluoride Nitrate Residual (Free) chlorine Chloride Total hardness Turbidity test pH test

Range

0.0-5.0 mg/L (ppm) as Fluoride 0.0-250 mg/L (ppm) as Nitrate (NO₄) 0.0 - 2.0 mg/L (ppm) as Iron 0.0-2.0 mg/L (ppm) as free chiorine 10-200 mg/L (ppm) and 50-1000 mg/L (ppm) as Chloride 25-600 mg/L (ppm) as CaCO,

10-500 NTU, standards of 10 & 25 NTU pH test strips of range 6.5 to 9.0.

Typical Tests Employed for Water Testing Convenient and Easy Touch Plates



HiTouch E. coli Coliform Count Flexi Plate - FL022



Baird - Parker Agar - M043 Staphylococcus aureus (ATCC 6538)

Hi-Dip Slides for Lab-Free Testing



- 2. Ex harichia call (ATCC25 922) 1. Uninocal sted control
- 3. Esterobacter.aerogenes (ATCC 13048)
- S. Staphylococcus aureus (ATCC 25923) 6. Estarscoccus fascalis (ATCC 29212)
- Mac Conkey Broth M007
 - 4. Mabaintle presumpiries (ATCC 13883)

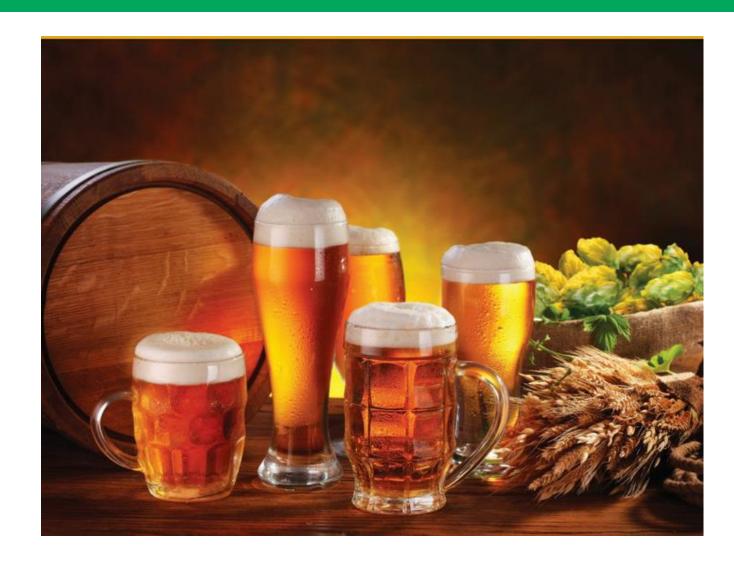
Rose Bengal Agar - H D008 fungal growth observed





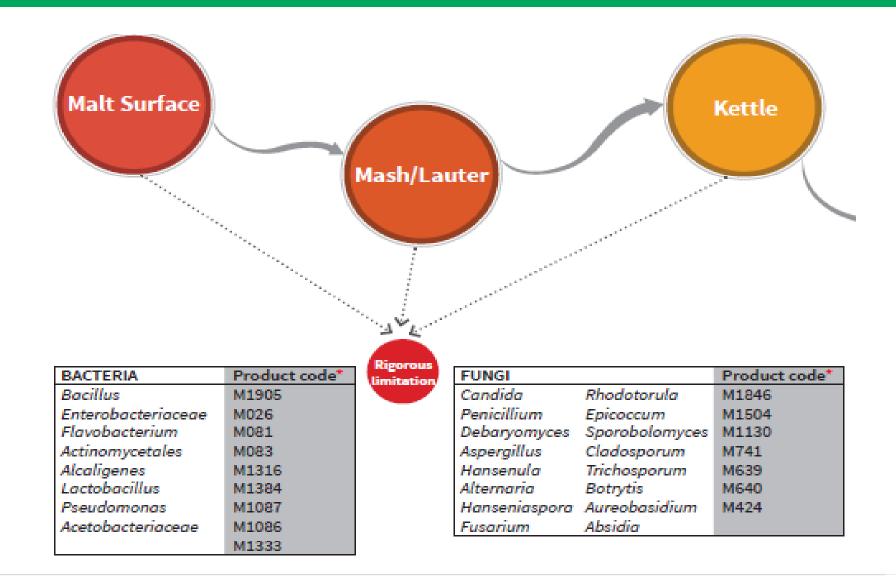


CULTURE MEDIA FOR BREWERY & FERMENTATION



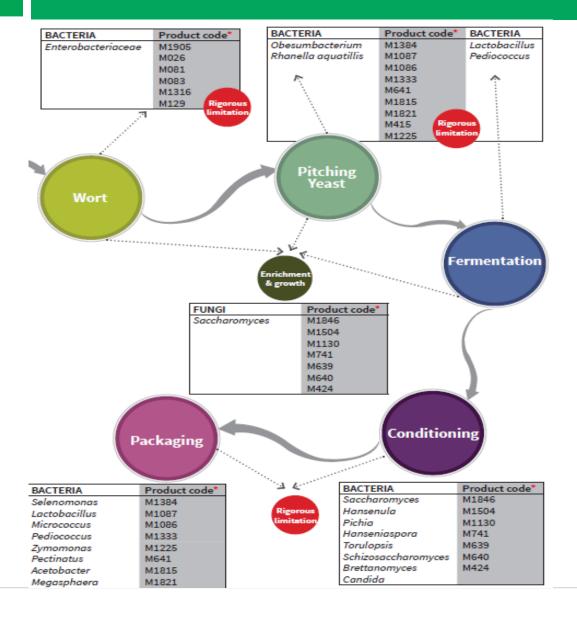












Brewery & Fermentation

The Code Nos. Marked with Green Leaves € are also available as HiVeg™ Media

Code	Product
Contro	lling Fermentation Processes
1. Agar	
M1225	Acetate Agar
*M058	Actidione Agar Base w/o Actidione®
►M400	Actidione Agar w/ Actidione®
M642	Lysine Medium Base
FD123	50% Potassium Lactate
M253	Malt Agar
M1605	Modified NBB Agar (Pedi-Lacto Selective Agar base
M1815	Pedi Lacto Selective Agar Base Modified
M1821	Pedi Lacto Selective Broth Base (Modified NBB Bro
►M828	Sucrose Agar for Brewery Isolates
M1483	Universal Beer Agar, Modified
►M415	Universal Beer Agar (UB Agar)
►M115	WL Nutrient Medium
°M1060	WL Differential Agar
*M129	Wort Agar
2. Liqui	
M978	Anaerobic Fermentation Medium Base
►M885	Andrade Peptone Water
►M909	Andrade Peptone Water w/ HM Extract
M401	Blue Agar
►M676	Bromo Cresol Purple Broth Base
	(Yeast Fermentation Broth Base)
°M351	CHO Medium Base
M1662	Enteric Fermentation Base
M1589	Glucose Agar
*M860	Glucose Broth
M2000	Modified WL Nutrient Medium
*M028	Peptone Water
M1332	Universal Liquid Medium
°M1060	WL Differential Agar
°M410	WL Differential Broth
°M050	WL Nutrient Broth
►M333	Wort Broth
Brewin	g
1. Colife	
M1905	Bromo Cresol Purple Agar w/ Lactose
°M026	Fluid Lactose Medium

Code	Product
*M083	MacConkey Broth Purple w/ BCP
*M1316	Super Broth
2. Lacto	bacilli / Yeasts
M1384	Lactic Acid Bacteria Selective Broth Base (Raka-Ray No. 3 Broth Base)
FD055	Lactic Supplement
FD155	Lactic Supplement Modified
►M1087	Lactic Bacteria Differential Agar
FM1086	Lactic Bacteria Differential Broth
*M1333	Lee's Multidifferential Agar
M609	Litmus SM Broth
M642	Lysine Medium Base
FD123	50% Potassium Lactate
M1846	MGYP Agar with Copper
M1504	M-BCG Yeast and Mould Agar
M1130	M-BCG Yeast and Mould Broth
M1741	M-BCG Yeast and Mould Broth, Modified
FM641	MRS Agar (Lactobacillus MRS Agar)
M1923	MRS Agar w/ pH 5.5
M639	Oxytetra Glucose Yeast Agar Base (OGYE Agar Base)
FD032	Oxytetra Selective Supplement
M1815	Pedi Lacto Selective Agar Base Modified
M1821	Pedi Lacto Selective Broth Base (Modified NBB Broth)
FM130	Rogosa SL Agar
►M640	Rose Bengal Chloramphenicol Agar
►M1331	SCHWARZ Differential Medium
M829	Tomato Juice Medium Base
FD098	Lactobacilli Supplement
►M415	Universal Beer Agar (UB Agar)
M1483	Universal Beer Agar, Modified
M1332	Universal Liquid Medium
*M1060	WL Differential Agar
►M410	WL Differential Broth
►M050	WL Nutrient Broth
►M115	WL Nutrient Medium
*M129	Wort Agar
FM424	Yeast Malt Agar (YM Agar) (ISP Medium No. 2)





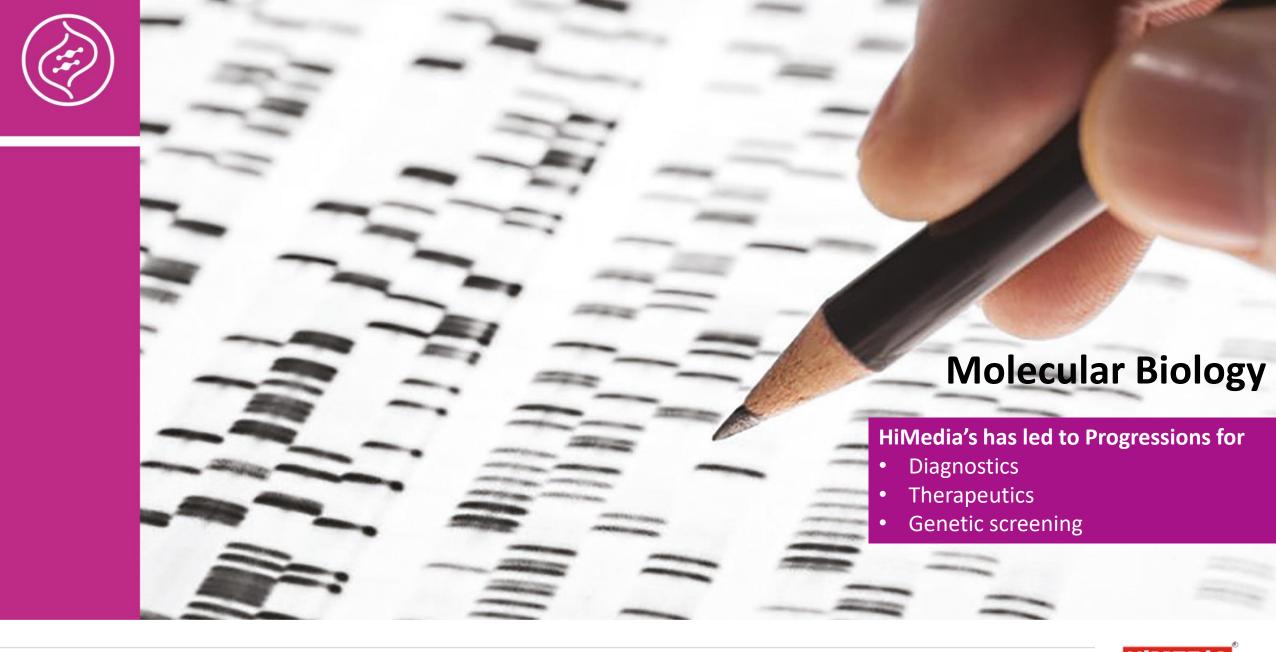
Ezy MIC™ Strip

- A single step Method For Antimicrobial Susceptibility Test
- According to EUCAST and CLSI
- Cellulose paper strip, printed with 30 MIC values on either side
- Coated with antibacterial agent in a concentration gradient manner.
- To be placed on seeded agar surface and incubate, shows accurate
 MIC value on incubation.
- Spare capacity for immediate ramp up of production
- Shows accurate MIC value on incubation







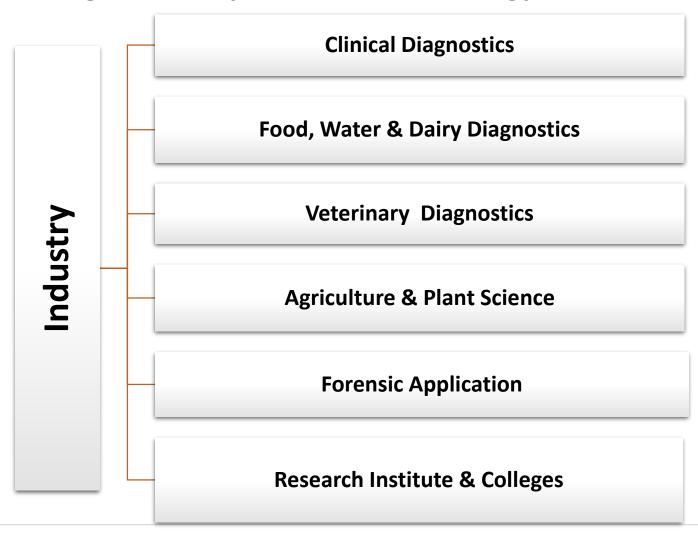






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