

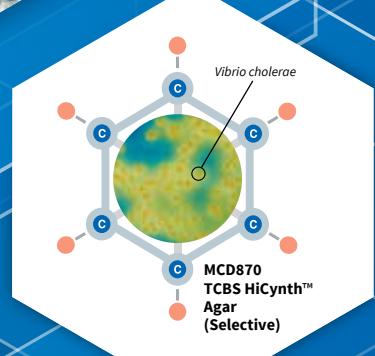
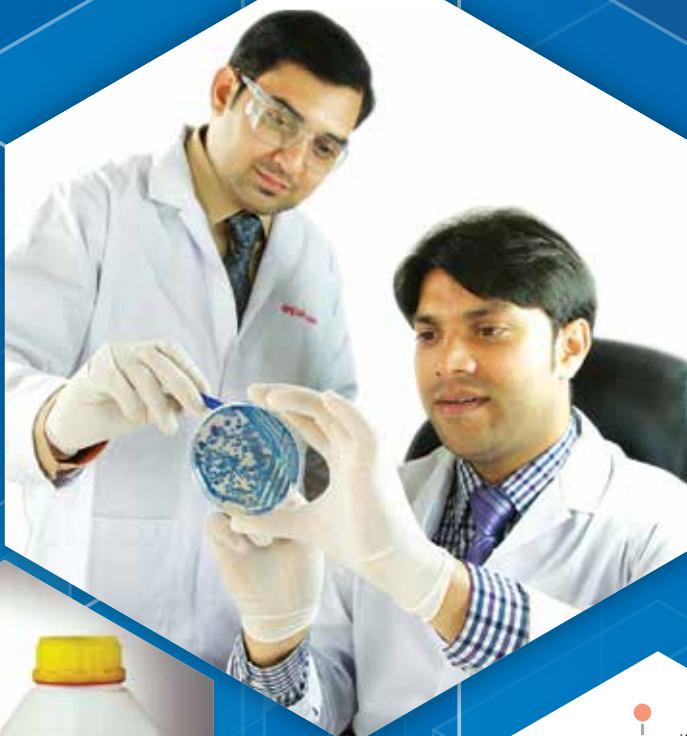
5th generation INNOVENTION 2015 in MICROBIOLOGY MEDIA



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HIMEDIA®

INNOVATING LIFE SCIENCES FOR MORE THAN 40 YEARS

1st Gen – Media preparation in lab using meat and other ingredients

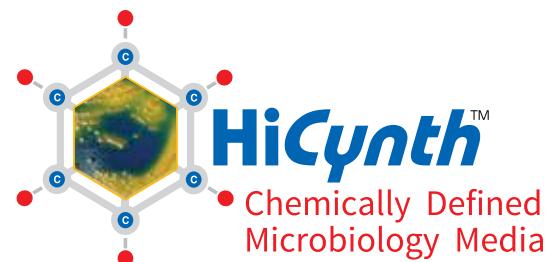
2nd Gen – Dehydrated Culture Media prepared using raw materials

3rd Gen – Animal Based Dehydrated Culture Media

4th Gen – Vegetable Based Dehydrated Culture Media

5th Gen – Chemically Defined Microbiology Media

5th generation
INNOVENTION 2015
in MICROBIOLOGY MEDIA



INNOVENTION 2015

Innovative Passion
Fires *Inventive* Minds



Beyond Biosciences

What began 40 years ago as a Microbiology company by technocrats, soon flourished into a comprehensive BioSciences company. Today HiMedia has its presence in over 130 countries with products ranging from Microbiology, Animal Cell Culture, Plant Tissue Culture, Molecular Biology, Chemicals & Biochemicals and Lab Aids & Instrumentation. HiMedia Laboratories caters to the scientific needs of researchers in all these fields. With offices and technical staff covering all 6 continents, HiMedia is one of the few user friendly companies that have R&D as the backbone with ISO certification and WHO GMP programs in place, supplying OEM products to world renowned brands. The Central Labs are in Mumbai, India, and offices in all the continents. HiMedia has the ability to deliver quality products at your doorstep, on the dot.

Our Vision

Excellence at your doorstep defines the HiMedia vision, and we tirelessly pursue this.

Our Mission

BioSciences in the service of humankind. This has been our mission and we are committed to serve.

Quality Objectives

Continually assess and enhance customer satisfaction by constant interaction with the customers to achieve a minimum customer satisfaction index of 80%.

Make constant efforts for innovation through Research and Development activity for increasing the range of HiMedia products by developing 15 new products and up-gradation of products every year.

To develop culture of commitment to Quality by up-gradation of skills and improvement in work methods to restrict the rejection level below 0.5%.

Quality Policy

HiMedia are firmly committed to continually enhance total customer satisfaction by consistent provision of superior products, supported with technical service worldwide, through constant innovation in technology and ensuring that customer as well as statutory regulatory requirements are met.

We shall strive to achieve this by fully conforming to the Quality Management System, with the establishment and periodic review of our quality objectives realized through the involvement of our dedicated employees.



Dehydrated Culture Media

Initially microorganisms were isolated on media prepared with minced raw meat on laboratory scale. This was a tedious procedure and time consuming. The introduction of Dehydrated Culture Media was a sigh of relief to laboratory workers. Dehydrated Culture Media was manufactured using peptones of animal origin. These were used late till the 21st century. BSE/TSE (Bovine Spongiform Encephalopathy/ Transmissible Spongiform Encephalopathy) posed a problem to the use of animal based dehydrated media. This challenge was accepted and fulfilled with the introduction of a range of vegetable peptones, synthetic detergents, which are BSE/TSE free, and ultimately vegetable peptone based media (HiVeg™ series).



Types of Dehydrated Culture Media

A. POWDER MEDIA

- » Guaranteed performance
- » Over 2000 formulations
- » Custom and bulk manufacturing
(single lot upto 5000 kgs)

B. GRANULATED MEDIA

- » Control of media aerosols
- » No lump formation
- » Superior flow properties
- » Higher bulk density
- » Enables faster dissolution

C. HiEncap™ - ENCAPSULATED MEDIA

- » Accurate premeasured media in gelatin capsules
- » Enables swift and easy media preparation
- » Prevents mess of weighing

D. HiVeg™ MEDIA

- » 100% animal free media
- » Minimizing carbon footprint
- » Ecofriendly

E. HiCynth™ - CHEMICALLY DEFINED MEDIA

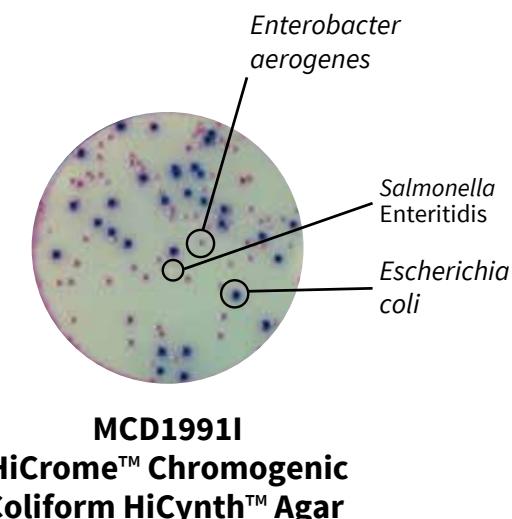
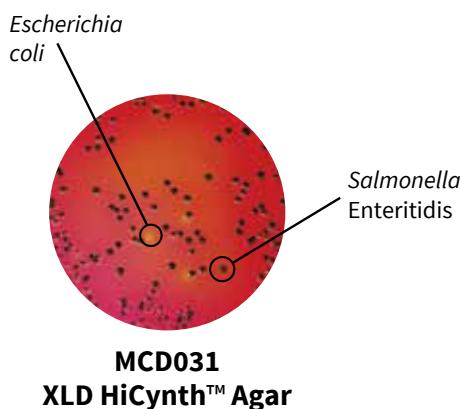
- » Minimizing carbon footprint
- » Ensures consistency
- » Eliminates raw material variability
- » Free from TSE/ BSE/ GMO risks
- » Environment friendly



C hemically Defined Media

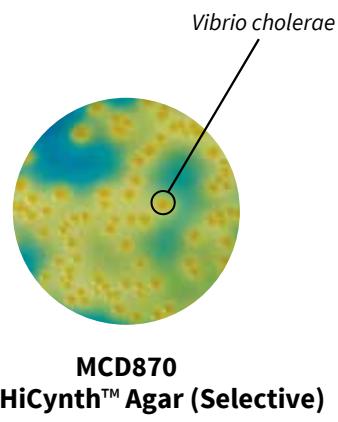
The research mind continued the search and finally in the year 2015 landed up with being the pioneers in the introduction of chemically defined media, which are BSE/TSE and GMO free.

HiCynth™ is the latest innovation, the 5th generation as we term it, in dehydrated culture media where animal and plant peptones are replaced with chemically defined peptones. This entire revolutionary range of products will help to reduce the variability in the raw material sources and be environment friendly as they have a lower carbon footprint overall.



The advantages of the medium are :

- No risk of BSE/TSE/GMO
- Formulated from pure substances at predetermined concentrations
- Precise chemical composition
- Nutritional requirements of bacterial species can be accurately determined
- Media with consistent performance



Chemically Defined Microbiology Media



Chemically Defined Media are our latest category of products. Presently we have launched around 70 such products.

Typical chemically defined media has basic nutrients as defined for any other microbiological media. It has carbon source, nitrogen source, selective agents, dyes and indicators and solidifying agent.

Specially developed HiCynth™ peptones have been used in media. These proprietary chemically defined peptones used in formula are at concentrations not toxic to microbial growth. Nutritional requirements for microorganisms are supplied using chemically defined constituents. They substitute existing complex organic sources of animal and plant based origin peptones. Necessary nitrogen sources, vitamins and growth factors, other supplementary metabolites are in appropriate proportions to nourish growing bacteria or fungi in the medium.

Chemically defined peptones used are compatible with other media ingredients. Medium clarity are well within acceptable range. All raw materials used for preparation are previously approved materials and checked for toxic effects on microbial growth if any. Studies have been carried out to successfully substitute animal and plant based counterparts. Growth performance is studied like any other dehydrated powder or granular media. Colour of the prepared media, expected colour of bacterial colonies is not affected using these chemically defined peptones.

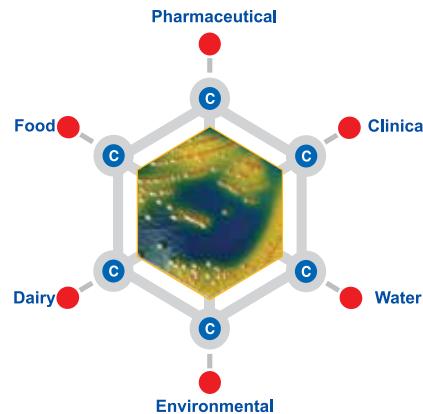
Quality parameters includes appearance, consistency and solubility of media, colour and clarity of prepared medium, reaction pH of prepared medium, gelling strength in case of agar containing media and cultural response. Interpretation of recovery for target and nontarget bacteria is studied as per ISO 11133:2014.

General purpose media, Non-selective and Selective media, Enriched and Enrichment Media, Chromogenic media have been successfully launched. Specific culture media for fastidious and nonfastidious bacteria such as *Aeromonas hydrophila*, *Vibrio* species, *Streptococci*, *Bacillus cereus*, *Staphylococci*, Group D Streptococci, *Salmonella*, fastidious bacteria, *Pneumococci*, *Salmonella* Typhi, *Pseudomonas aeruginosa*, *Salmonella* and *Shigella*, *Escherichia coli* and coliforms, *Candida* species, *Listeria monocytogenes*, *Proteus* species, *Clostridia*, *Enterobacteriaceae*, *Vibrio*, *Staphylococcus aureus* have been developed.

Complete specifications of media can be retrieved from website.

Relax with HiCynth™ Media

Application in various sectors



Product	Code	Packing
Aeromonas Isolation HiCynth™ Medium Base for selective and differential isolation of <i>Aeromonas hydrophila</i> from clinical and environmental specimens. Gms/Lit : 56.30 8.88 Lit/500G	MCD884-500G	500gm
*Aeromonas Selective Supplement No. of Vials : 18 vials △	FD039-5VL	5vl
Alkaline HiCynth™ Peptone Water for enrichment of <i>Vibrio</i> species. Gms/Lit : 20.00 25 Lit/500G	MCD618-100G MCD618-500G	100gm 500gm
Alternative Thioglycollate HiCynth™ Medium (NIH Thioglycollate HiCynth™ Broth) (Thioglycollate HiCynth™ Broth Alternative) for sterility testing of turbid or viscous biological products. Gms/Lit : 29.00 17.24 Lit/500G	MCD010-100G MCD010-500G	100gm 500gm
Azide Dextrose HiCynth™ Broth a selective medium for detection of <i>Streptococci</i> in water, sewage, food and other materials suspected of sewage contamination. Gms/Lit : 34.70 14.41 Lit/500G	MCD345-500G	500gm
Bacillus Cereus HiCynth™ Agar Base a selective medium for isolation, detection and enumeration of <i>Bacillus cereus</i> . Gms/Lit : 40.97 12.2 Lit/500G	MCD833-100G MCD833-500G	100gm 500gm
*Polymyxin B Selective Supplement No. of Vials : 25 vials △	FD003-5VL FD003-5X5VL	5vl 5x5vl
*Egg Yolk Emulsion (50ml / 100 ml per vial) No. of Vials : 13 vials △ 7 vials △	FD045-50MLX5VL FD045-100MLX5VL	50mlx5vl 100mlx5vl
Baird Parker HiCynth™ Agar Base for isolation and enumeration of coagulase positive <i>Staphylococci</i> from food and other materials. Gms/Lit : 63.00 7.94 Lit/500G	MCD043-100G MCD043-500G	100gm 500gm
*Egg Yolk Tellurite Emulsion (50ml / 100 ml per vial) No. of Vials : 8 vials △ 4 vials △	FD046-50MLX5VL FD046-100MLX5VL	50mlx5vl 100mlx5vl
*Egg Yolk Emulsion (50ml / 100 ml per vial) No. of Vials : 8 vials △ 4 vials △	FD045-50MLX5VL FD045-100MLX5VL	50mlx5vl 100mlx5vl
*Potassium Tellurite 3.5% (1 ml per vial) No. of Vials : 3 vials △	FD047-5VL	5vl
*B P Sulpha Supplement No. of Vials : 8 vials △	FD069-5VL	5vl
*Fibrinogen Plasma Trypsin Inhibitor Supplement No. of Vials : 80 vials △	FD195-5VL	5vl

Product	Code	Packing
Bile Esculin HiCynth™ Agar for differential isolation and presumptive identification of group D Streptococci in food and pharmaceutical products. Gms/Lit : 64.50 7.75 Lit/500G	MCD972-100G MCD972-500G	100gm 500gm
Bile Esculin Azide HiCynth™ Agar for selective isolation and presumptive identification of faecal Streptococci. Gms/Lit : 56.65 8.83 Lit/500G	MCD493-500G	500gm
Bismuth Sulphite HiCynth™ Agar for selective isolation of <i>Salmonella</i> from faeces, urine, sewage and other materials. Gms/Lit : 52.33 9.55 Lit/500G	MCD027-100G MCD027-500G	100gm 500gm
Blood HiCynth™ Agar Base (Infusion HiCynth™ Agar) for isolation and cultivation of many fastidious pathogenic microorganisms after addition of blood. Gms/Lit : 40.00 12.5 Lit/500G	MCD073-100G MCD073-500G	100gm 500gm
Blood HiCynth™ Agar Base w/Low pH an infusion medium, for isolation and cultivation of fastidious organisms, after addition of blood. Gms/Lit : 40.00 12.5 Lit/500G	MCD089-100G MCD089-500G	100gm 500gm
Blood HiCynth™ Agar Base No.2 after addition of blood, medium permits maximum recovery of <i>Streptococci</i> , <i>Pneumococci</i> and other fastidious pathogenic microorganisms without interfering with their haemolytic reactions. Gms/Lit : 42.50 11.76 Lit/500G	MCD834-100G MCD834-500G	100gm 500gm
*Brucella Selective Supplement No. of Vials : 24 vials △	FD005-5VL FD005-5X5VL	5vl 5x5vl
*Campylobacter Supplement-I (Blaser-Wang) No. of Vials : 24 vials △	FD006-5VL	5vl
*Campylobacter Supplement - II (Butzler) No. of Vials : 24 vials △	FD007-5VL FD007-5X5VL	5vl 5x5vl
*Campylobacter Supplement - III (Skirrow) No. of Vials : 24 vials △	FD008-5VL	5vl
*Campylobacter Growth Supplement No. of Vials : 24 vials △	FD009-5VL	5vl
*Strepto Supplement No. of Vials : 24 vials △	FD031-5VL FD031-5X5VL	5vl 5x5vl
Brain Heart Infusion HiCynth™ Agar (Special Infusion HiCynth™ Agar) for cultivation of fastidious pathogenic bacteria, yeasts and moulds. Gms/Lit : 52.00 9.62 Lit/500G	MCD211-100G MCD211-500G	100gm 500gm
Brain Heart Infusion HiCynth™ Broth for propagation of pathogenic cocci and other fastidious organisms associated with blood culture work and allied pathological investigations. Gms/Lit : 37.00 13.51 Lit/500G	MCD210-100G MCD210-500G	100gm 500gm



Chemically Defined Microbiology Media

Product	Code	Packing
Brilliant Green Bile HiCynth™ Broth 2% recommended for detection and confirmation of coliform bacteria in water, waste water, foods, milk and dairy products. Gms/Lit : 40.01	MCD121-100G MCD121-500G	100gm 500gm
Brilliant Green Agar HiCynth™ Base, Modified for selective isolation of Salmonellae other than <i>Salmonella Typhi</i> from faeces, foods, dairy products. Gms/Lit : 58.09	MCD016-100G MCD016-500G	100gm 500gm
*Sulpha Supplement No. of Vials : 18 vials △	FD068-5VL	5vl
Buffered HiCynth™ Peptone Water for pre-enrichment of injured <i>Salmonella</i> species from foods prior to selective enrichment and isolation. Gms/Lit : 20.00	MCD614-100G MCD614-500G	100gm 500gm
Buffered HiCynth™ Peptone Water w/ NaCl recommended as a diluent for carrying out microbial limit test from clinical and non-clinical specimens. Gms/Lit : 16.09	MCD1275-500G	500gm
Buffered HiCynth™ Peptone Water as pre-enrichment medium for increasing the recovery of injured <i>Salmonella</i> species from foods prior to selective enrichment and isolation. The composition and performance criteria of this medium are as per the specifications laid down in ISO 6579:2002. Gms/Lit : 20.07	MCD1494I-100G MCD1494I-500G	100gm 500gm
Casein Soyabean Digest HiCynth™ Agar (Soyabean Casein Digest HiCynth™ Agar) (Tryptone Soya HiCynth™ Agar) a general purpose medium used for cultivation of a wide variety of microorganisms. Gms/Lit : 40.00	MCD290-100G MCD290-500G	100gm 500gm
Cetrimide HiCynth™ Agar Base for selective isolation of <i>Pseudomonas aeruginosa</i> from clinical specimens. Gms/Lit : 46.70+10 ml glycerol	MCD024-100G MCD024-500G	100gm 500gm
*Nalidixic Selective Supplement No. of Vials : 11 vials △	FD130-5VL	5vl
C.L.E.D. HiCynth™ Agar w/Andrade Indicator for isolation and differentiation of urinary pathogens on the basis of lactose fermentation. Gms/Lit : 36.25	MCD352-100G MCD352-500G	100gm 500gm
C.L.E.D. HiCynth™ Agar w/BTB for isolation and differentiation of urinary pathogens on the basis of lactose fermentation. Gms/Lit : 36.15	MCD792-100G MCD792-500G	100gm 500gm
Columbia Blood HiCynth™ Agar Base an efficient base for preparation of blood agar, chocolate agar and for various selective and identification media. Gms/Lit : 44.00	MCD144-100G MCD144-500G	100gm 500gm
Gms/Lit/ : 11.36 Lit/500G		

Product	Code	Packing
*Brucella Selective Supplement No. of Vials : 23 vials △	FD005-5VL	5vl
	FD005-5X5VL	5x5vl
*Campylobacter Supplement-I (Blaser-Wang) No. of Vials : 23 vials △	FD006-5VL	5vl
*Campylobacter Supplement - II (Butzler) No. of Vials : 23 vials △	FD007-5VL	5vl
	FD007-5X5VL	5x5vl
*Campylobacter Supplement - III (Skirrow) No. of Vials : 23 vials △	FD008-5VL	5vl
*Campylobacter Growth Supplement No. of Vials : 23 vials △	FD009-5VL	5vl
*Staph-Strepto Supplement No. of Vials : 23 vials △	FD030-5VL	5vl
*Strepto Supplement No. of Vials : 23 vials △	FD031-5VL	5vl
	FD031-5X5VL	5x5vl
*G. Vaginalis Selective Supplement No. of Vials : 23 vials △	FD056-5VL	5vl
*Campylobacter Selective Supplement No. of Vials : 23 vials △	FD090-5VL	5vl
*Campylobacter Supplement VI (Butzler) No. of Vials : 23 vials △	FD106-5VL	5vl
	FD106-5X5VL	5x5vl
Columbia Blood HiCynth™ Agar Base w/1% Agar a basal medium used with blood for isolation and cultivation of fastidious bacteria. Gms/Lit : 39.00	MCD144A-500G	500gm
*Brucella Selective Supplement No. of Vials : 26 vials △	FD005-5VL	5vl
	FD005-5X5VL	5x5vl
*Campylobacter Supplement-I (Blaser-Wang) No. of Vials : 26 vials △	FD006-5VL	5vl
*Campylobacter Supplement - II (Butzler) No. of Vials : 26 vials △	FD007-5VL	5vl
	FD007-5X5VL	5x5vl
*Campylobacter Supplement - III (Skirrow) No. of Vials : 26 vials △	FD008-5VL	5vl
*Campylobacter Growth Supplement No. of Vials : 26 vials △	FD009-5VL	5vl
*Strepto Supplement No. of Vials : 26 vials △	FD031-5VL	5vl
	FD031-5X5VL	5x5vl
*G. Vaginalis Selective Supplement No. of Vials : 26 vials △	FD056-5VL	5vl
*Campylobacter Selective Supplement No. of Vials : 26 vials △	FD090-5VL	5vl
*Campylobacter Supplement VI (Butzler) No. of Vials : 26 vials △	FD106-5VL	5vl
	FD106-5X5VL	5x5vl
*Streptococcus Selective Supplement No. of Vials : 26 vials △	FD119-5VL	5vl
	FD119-5X5VL	5x5vl

* Store between 2 - 8°C.

△ Approx. number of vials required per 500gm of medium.

 Chemically defined microbiology medium free from Animal and Vegetable Peptone

Product	Code	Packing	Product	Code	Packing
Columbia HiCynth™ Broth used as a general purpose medium and also for the cultivation of fastidious organisms from clinical specimens Gms/Lit : 35.01	MCD145-500G	500gm	*HiCrome™ Candida Differential HiCynth™ Agar for rapid isolation and identification of <i>Candida</i> species from mixed cultures. Gms/Lit : 42.72	MCD1297A-100G MCD1297A-500G	100gm 500gm
Deoxycholate Citrate HiCynth™ Agar selective medium for the isolation of enteric pathogens particularly <i>Salmonella</i> and <i>Shigella</i> species. Gms/Lit : 70.52	MCD065-100G MCD065-500G	100gm 500gm	*HiCrome™ Improved Salmonella HiCynth™ Agar an improved selective and differential medium for <i>Salmonella</i> species. Gms/Lit : 26.25	MCD1466-100G MCD1466-500G	100gm 500gm
Dey Engley Neutralizing HiCynth™ Agar (D/E HiCynth™ Agar Disinfectant Testing) used in disinfectant testing, where neutralization of the chemical is important for determining its bactericidal activity. Gms/Lit : 54.02	MCD186-500G	500gm	*HiCrome™ UTI HiCynth™ Agar recommended for presumptive identification and confirmation of microorganisms mainly causing urinary tract infections, can also be used for testing water, food, environmental and other clinical samples. Gms/Lit : 32.45	MCD1353-100G MCD1353-500G	100gm 500gm
Dey Engley Neutralizing HiCynth™ Broth for neutralizing and testing antiseptics and disinfectants. Gms/Lit : 39.02	MCD1062-500G	500gm	*HiCrome™ Vibrio HiCynth™ Agar for isolation and selective chromogenic differentiation of <i>Vibrio</i> species from sea food. Gms/Lit : 67.50	MCD1682-100G MCD1682-500G	100gm 500gm
Endo HiCynth™ Agar for the confirmation of the presumptive test for members of the coliform group. Gms/Lit : 41.50	MCD029-100G MCD029-500G	100gm 500gm	Infusion HiCynth™ Agar See: Blood Agar HiCynth™ Base Gms/Lit : 40.00	MCD073-100G MCD073-500G	100gm 500gm
Fluid Thioglycollate HiCynth™ Medium (Thioglycollate HiCynth™ Medium, Fluid) for sterility testing of biologicals and for cultivation of aerobes, anaerobes and microaerophiles. Gms/Lit : 29.75	MCD009-100G MCD009-500G	100gm 500gm	Kligler Iron HiCynth™ Agar for differential identification of Gram-negative enteric bacilli on the basis of the fermentation of dextrose, lactose and H ₂ S production. Gms/Lit : 57.52	MCD078-100G MCD078-500G	100gm 500gm
Fluid Sabouraud HiCynth™ Medium (Sabouraud HiCynth™ Medium, Fluid) sterility test medium for moulds and lower bacteria in pharmaceutical preparations. Gms/Lit : 30.00	MCD013-100G MCD013-500G	100gm 500gm	Lauryl Sulphate HiCynth™ Broth (Lauryl Tryptose HiCynth™ Broth) for detection and enumeration of coliform bacteria in water, wastewater, dairy products and other food samples. Gms/Lit : 35.60	MCD080-100G MCD080-500G	100gm 500gm
Hektoen Enteric HiCynth™ Agar for differential and selective isolation of <i>Salmonella</i> and <i>Shigella</i> species from enteric pathological specimens. Gms/Lit : 76.67	MCD467-100G MCD467-500G	100gm 500gm	L.mono Differential HiCynth™ Agar Base recommended for the selective and differential isolation of <i>Listeria monocytogenes</i> . Gms/Lit : 72.05	MCD1540-100G MCD1540-500G	100gm 500gm
*HiCrome™ Bacillus HiCynth™ Agar Base recommended for isolation and differentiation between various species of <i>Bacillus</i> by chromogenic method. Gms/Lit : 49.22	MCD1651-100G MCD1651-500G	100gm 500gm	*L. mono Selective Supplement I No. of Vials : 14 vials △	FD212-5VL	5vl
*Bacillus Selective Supplement No. of Vials : 11 vials △	FD324-5VL	5vl	*L. mono Selective Supplement II No. of Vials : 14 vials △	FD213-5VL	5vl
*HiCrome™ Chromogenic Coliform HiCynth™ Agar is recommended for detection of <i>Escherichia coli</i> 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. Gms/Lit : 30.92	MCD1991I-100G MCD1991I-500G	100gm 500gm	**L. mono Enrichment Supplement I No. of Vials : 14 vials △	FD214-5VL	5vl
Luria HiCynth™ Agar for routine cultivation and estimation of not particularly fastidious microorganisms. Gms/Lit : 35.00			Luria HiCynth™ Agar for the cultivation and maintenance of recombinant strains of <i>Escherichia coli</i> . Gms/Lit : 20.00	MCD557-500G	500gm
Luria HiCynth™ Broth for the cultivation and maintenance of recombinant strains of <i>Escherichia coli</i> . Gms/Lit : 16.17				MCD575-500G	500gm

◎ * Store between 2 - 8°C.

△ Approx. number of vials required per 500gm of medium.

Chemically Defined Microbiology Media

Product	Code	Packing	Product	Code	Packing
Luria Bertani HiCynth™ Agar, Miller (Miller Luria Bertani HiCynth™ Agar) for the cultivation and maintenance of recombinant strains of <i>Escherichia coli</i> for genetic and molecular biology studies; may be used for routine cultivation and estimation of not particularly fastidious microorganisms. Gms/Lit : 40.00 12.5 Lit/500G	MCD1151-500G	500gm	NIH Thioglycollate HiCynth™ Broth see Alternative Thioglycollate HiCynth™ Medium. (Thioglycollate HiCynth™ Broth Alternative) Gms/Lit : 29.00 17.24 Lit/500G	MCD010-100G MCD010-500G	100gm 500gm
Luria Bertani HiCynth™ Broth, Miller (Miller Luria Bertani HiCynth™ Broth) for the cultivation and maintenance of recombinant strains of <i>Escherichia coli</i> for genetic and molecular biology studies; may be used for routine cultivation of not particularly fastidious microorganisms. Gms/Lit : 25.00 20 Lit/500G	MCD1245-500G	500gm	Nutrient HiCynth™ Agar for cultivation of less fastidious microorganisms, can be enriched with blood or other biological fluids. Gms/Lit : 28.00 17.86 Lit/500G	MCD001-100G MCD001-500G	100gm 500gm
MacConkey HiCynth™ Agar w/o CV, NaCl w/ 0.5% Sodium Taurocholate for cultivation and differentiation of enteric bacteria, restricting swarming of <i>Proteus</i> species from specimens such as urine which may contain large number of <i>Proteus</i> species as well as potentially pathogenic Gram-positive organisms. Gms/Lit : 55.04 9.08 Lit/500G	MCD082-100G MCD082-500G	100gm 500gm	Nutrient HiCynth™ Broth for general cultivation of less fastidious microorganisms, can be enriched with blood or other biological fluids. Gms/Lit : 13.00 38.46 Lit/500G	MCD002-100G MCD002-500G	100gm 500gm
MacConkey HiCynth™ Agar w/ 0.15% Bile Salts, CV and NaCl for selective isolation and differentiation of coliform organisms and other enteric pathogens. Gms/Lit : 51.53 9.7 Lit/500G	MCD081-100G MCD081-500G	100gm 500gm	Plate Count HiCynth™ Agar (Standard Methods HiCynth™ Agar) for determination of plate counts of microorganisms in foods, water and waste water. Gms/Lit : 23.50 21.28 Lit/500G	MCD091-100G MCD091-500G	100gm 500gm
Mannitol Salt HiCynth™ Agar Base for selective isolation of pathogenic Staphylococci. Gms/Lit : 111.02 4.5 Lit/500G	MCD118-100G MCD118-500G	100gm 500gm	Potato Dextrose HiCynth™ Agar for isolation and enumeration of yeasts and moulds from dairy and other food products. Gms/Lit : 39.00 12.82 Lit/500G	MCD096-100G MCD096-500G	100gm 500gm
*Egg Yolk Emulsion (50ml / 100 ml per vial) No. of Vials : 5 vials △ 3 vials △	FD045-50MLX5VL FD045-100MLX5VL	50mlx5vl 100mlx5vl	Potato Dextrose HiCynth™ Broth for cultivation and enumeration of yeasts and moulds. Gms/Lit : 24.00 20.83 Lit/500G	MCD403-500G	500gm
Miller Luria Bertani HiCynth™ Agar (Luria Bertani HiCynth™ Agar, Miller) See Luria Bertani HiCynth™ Agar, Miller Gms/Lit : 40.00 12.5 Lit/500G	MCD1151-500G	500gm	Pseudomonas HiCynth™ Agar (For Fluorescein) for detection of fluorescein production by <i>Pseudomonas</i> species. Gms/Lit : 38.00 13.16 Lit/500G	MCD120-100G MCD120-500G	100gm 500gm
Miller Luria Bertani HiCynth™ Broth see Luria Bertani HiCynth™ Broth, Miller Gms/Lit : 25.00 20 Lit/500G	MCD1245-500G	500gm	Pseudomonas Isolation HiCynth™ Agar Base for selective isolation and identification of <i>Pseudomonas aeruginosa</i> from clinical and non-clinical specimens. Gms/Lit : 45.03 11.1 Lit/500G	MCD406-100G MCD406-500G	100gm 500gm
MUG Nutrient HiCynth™ Agar for detection of <i>Escherichia coli</i> in water and food samples by a fluorogenic procedures. Gms/Lit : 28.10 17.79 Lit/500G	MCD1461-500G	500gm	Rappaport Vassiliadis HiCynth™ Medium for enrichment of <i>Salmonellae</i> , based on its ability to multiply selectively at high osmotic pressure, low pH and at 43°C, with modest nutritional requirements. Gms/Lit : 49.17 10.17 Lit/500G	MCD880-100G MCD880-500G	100gm 500gm
MUG Plate Count HiCynth™ Agar for determination of plate count of microorganisms in milk and other dairy products by fluorogenic method. Gms/Lit : 23.60 21.19 Lit/500G	MCD1194-500G	500gm	Rappaport Vassiliadis Soya HiCynth™ Broth (RVS HiCynth™ Broth) recommended as a selective enrichment medium for the <i>Salmonellae</i> species, from the food and animal feeding stuffs. Gms/Lit : 27.11 18.44 Lit/500G	MCD1491-100G MCD1491-500G	100gm 500gm
MUG Tryptone Soya HiCynth™ Agar for cultivation of fastidious and non fastidious microorganisms by fluorogenic method. Gms/Lit : 40.10 12.47 Lit/500G	MCD1195-500G	500gm	Reinforced Clostridial HiCynth™ Broth for cultivation and enumeration of Clostridia and other anaerobes. Gms/Lit : 38.00 13.16 Lit/500G	MCD443-100G MCD443-500G	100gm 500gm

* Store between 2 - 8°C.

△ Approx. number of vials required per 500gm of medium.

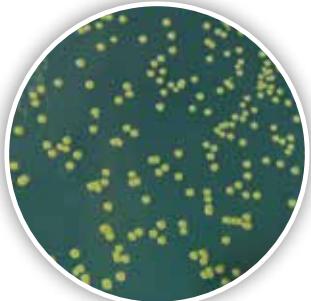
 Chemically defined microbiology medium free from Animal and Vegetable Peptone

Product	Code	Packing
SS HiCynth™ Agar (Salmonella Shigella HiCynth™ Agar) for differential and selective isolation of <i>Salmonella</i> and <i>Shigella</i> species from pathological specimens, suspected foodstuffs etc. Gms/Lit : 63.02 7.93 Lit/500G	MCD108-100G MCD108-500G	100gm 500gm
Sabouraud Dextrose HiCynth™ Agar for cultivation of yeasts, moulds and aciduric microorganisms. Gms/Lit : 65.00 7.69 Lit/500G	MCD063-100G MCD063-500G	100gm 500gm
Sabouraud Dextrose HiCynth™ Broth (Sabouraud Liquid HiCynth™ Medium) for cultivation of yeasts, moulds and aciduric microorganisms. Gms/Lit : 30.00 16.67 Lit/500G	MCD033-100G MCD033-500G	100gm 500gm
Sabouraud HiCynth™ Medium, Fluid (Fluid Sabouraud HiCynth™ Medium) See: Fluid Sabouraud HiCynth™ Medium Gms/Lit : 30.00 16.67 Lit/500G	MCD013-100G MCD013-500G	100gm 500gm
Sabouraud Liquid HiCynth™ Medium See: Sabouraud Dextrose HiCynth™ Broth Gms/Lit : 30.00 16.67 Lit/500G	MCD033-100G MCD033-500G	100gm 500gm
Soyabean Casein Digest HiCynth™ Agar (Casein Soyabean Digest HiCynth™ Agar) (Tryptone Soya HiCynth™ Agar) See: Casein Soyabean Digest HiCynth™ Agar (Tryptone Soya HiCynth™ Agar) Gms/Lit : 40.00 12.5 Lit/500G	MCD290-100G MCD290-500G	100gm 500gm
Soyabean Casein Digest HiCynth™ Medium (Tryptone Soya HiCynth™ Broth) a general purpose medium used for cultivation of a wide variety of microorganisms and sterility testing of moulds and lower bacteria as per various Pharmacopoeia. Gms/Lit : 30.00 16.67 Lit/500G	MCD011-100G MCD011-500G	100gm 500gm
Special Infusion HiCynth™ Agar (Brain Heart Infusion HiCynth™ Agar) See Brain Heart Infusion HiCynth™ Agar Gms/Lit : 52.00 9.62 Lit/500G	MCD211-100G MCD211-500G	100gm 500gm
Standard Methods HiCynth™ Agar See Plate Count Agar Gms/Lit : 23.50 21.28 Lit/500G	MCD091-100G MCD091-500G	100gm 500gm
TCBS HiCynth™ Agar (Selective) for selective isolation of <i>Vibrio cholerae</i> and other enteropathogenic <i>Vibrio</i> 's Gms/Lit : 89.08 5.61 Lit/500G	MCD870-100G MCD870-500G	100gm 500gm

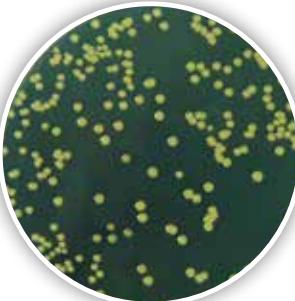
Product	Code	Packing
Thioglycollate HiCynth™ Broth Alternative See Alternative Thioglycollate HiCynth™ Medium (NIH Thioglycollate HiCynth™ Broth) Gms/Lit : 29.00 17.24 Lit/500G	MCD010-100G MCD010-500G	100gm 500gm
Thioglycollate HiCynth™ Medium, Fluid See Fluid Thioglycollate HiCynth™ Medium Gms/Lit : 29.75 16.81 Lit/500G	MCD009-100G MCD009-500G	100gm 500gm
Triple Sugar Iron HiCynth™ Agar for identification of Gram-negative enteric bacilli on the basis of dextrose, lactose and sucrose fermentation and hydrogen sulphide production. Gms/Lit : 64.52 7.75 Lit/500G	MCD021-100G MCD021-500G	100gm 500gm
Tryptone Glucose Extract HiCynth™ Agar (Tryptone Glucose Yeast Extract HiCynth™ Agar) for enumeration of bacteria in water, air, milk and dairy products. Gms/Lit : 24.00 20.83 Lit/500G	MCD014-100G MCD014-500G	100gm 500gm
Tryptone Soya HiCynth™ Agar (Casein Soyabean Digest HiCynth™ Agar) (Soyabean Casein Digest HiCynth™ Agar) See: Casein Soyabean Digest HiCynth™ Agar (Soyabean Casein Digest HiCynth™ Agar) Gms/Lit : 40.00 12.5 Lit/500G	MCD290-100G MCD290-500G	100gm 500gm
Tryptone Soya HiCynth™ Broth (Soyabean Casein Digest HiCynth™ Medium) See Soyabean Casein Digest HiCynth™ Medium Gms/Lit : 30.00 16.67 Lit/500G	MCD011-100G MCD011-500G	100gm 500gm
Violet Red Bile Glucose HiCynth™ Agar w/o lactose recommended for enumeration of <i>Enterobacteriaceae</i> in raw foods Gms/Lit : 38.53 12.98 Lit/500G	MCD581-500G	500gm
Vogel Johnson HiCynth™ Agar Base w/o Tellurite (V.J. HiCynth™ Agar) for selective isolation of coagulase positive, mannitol fermenting <i>Staphylococcus aureus</i> from heavily contaminated foods and clinical specimens. Gms/Lit : 61.02 8.19 Lit/500G	MCD023-100G MCD023-500G	100gm 500gm
*Potassium Tellurite 1% (1ml per vial) No. of Vials : 17 vials △	FD052-5VL FD052-5X5VL	5vl 5x5vl
Xylose Lysine Deoxycholate HiCynth™ Agar (XLD HiCynth™ Agar) for selective isolation and enumeration of <i>Salmonella Typhi</i> and other <i>Salmonella</i> species. Gms/Lit : 56.68 8.82 Lit/500G	MCD031-100G MCD031-500G	100gm 500gm

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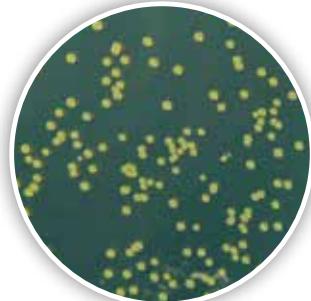
M001
Nutrient Agar



MV001
Nutrient HiVeg™ Agar

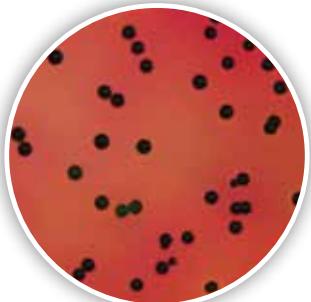


MCD001
Nutrient HiCynth™ Agar



***Staphylococcus aureus* ATCC 6538**

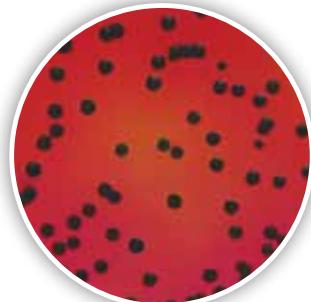
M031
Xylose Lysine Deoxycholate Agar



MV031
XLD HiVeg™ Agar



MCD031
Xylose Lysine Deoxycholate HiCynth™ Agar

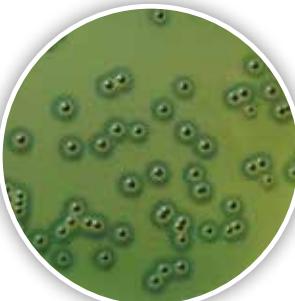


***Salmonella Enteritidis* ATCC 13076**

M043
Baird Parker Agar Base



MV043
Baird Parker HiVeg™ Agar Base



MCD043
Baird Parker HiCynth™ Agar Base



***Staphylococcus aureus* ATCC 25923**

M096
Potato Dextrose Agar



MCD096
Potato Dextrose HiCynth™ Agar



***Candida albicans* ATCC 10231**

M118
Mannitol Salt Agar Base



MV118
Mannitol Salt HiVeg™ Agar Base

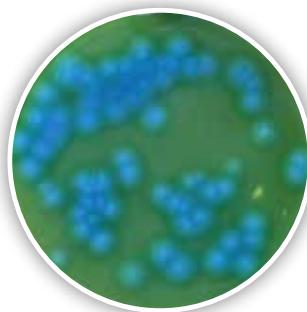


MCD118
Mannitol Salt HiCynth™ Agar Base

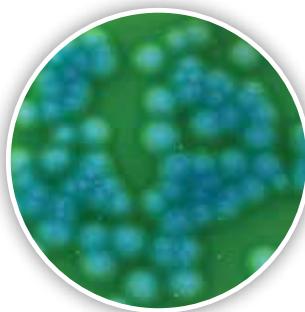


***Staphylococcus aureus* ATCC 25923**

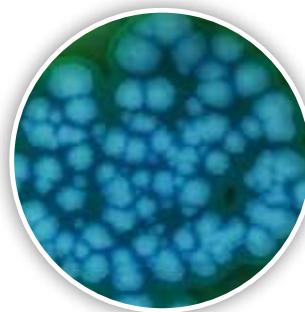
M833
Bacillus Cereus Agar Base



MV833
Bacillus Cereus HiVeg™ Agar Base



MCD833
Bacillus Cereus HiCynth™ Agar Base

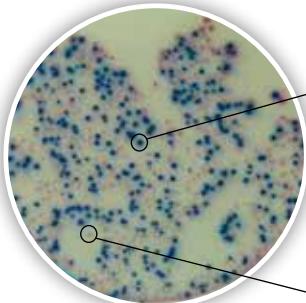


***Bacillus cereus* ATCC 10876**



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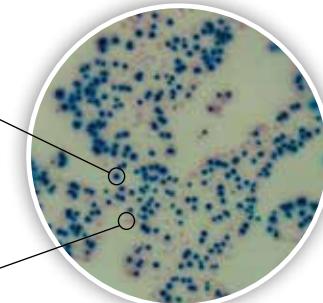
M1991I
HiCrome™ Chromogenic Coliform Agar



MCD1991I
HiCrome™ Chromogenic Coliform HiCynth™ Agar

Escherichia coli ATCC 25922

Other coliform



M406
Pseudomonas Isolation Agar Base



MV406
Pseudomonas Isolation HiVeg™ Agar Base



MCD406
Pseudomonas Isolation HiCynth™ Agar Base



***Pseudomonas aeruginosa* ATCC 27853**

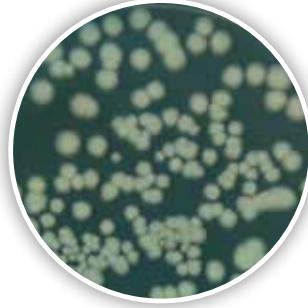
M091
Plate Count Agar
(Standard Methods Agar)



MV091
Plate Count HiVeg™ Agar
(Standard Methods HiVeg™ Agar)

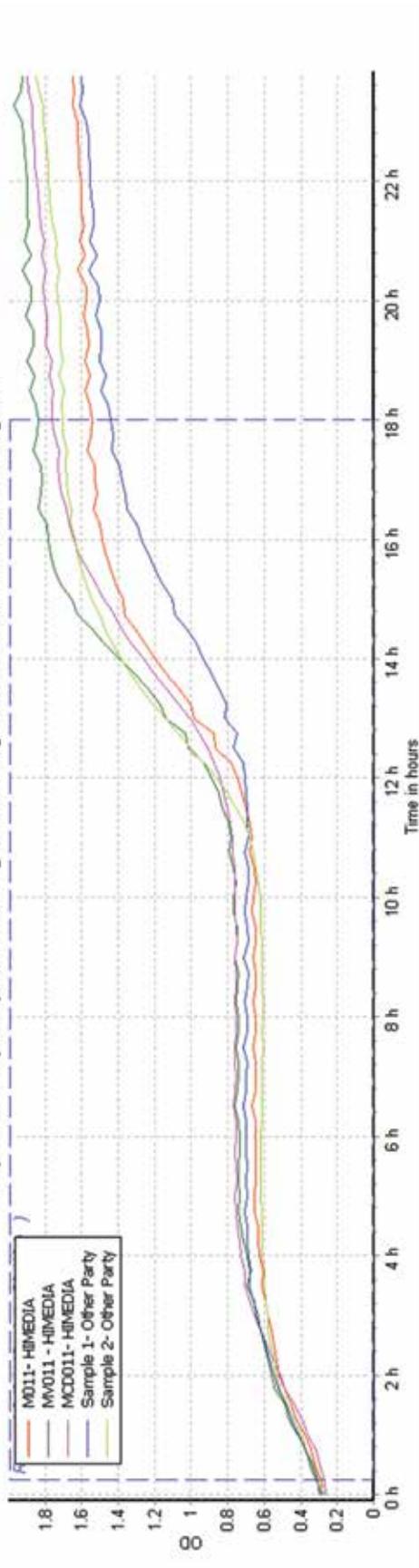


MCD091
Plate Count HiCynth™ Agar
(Standard Methods HiCynth™ Agar)

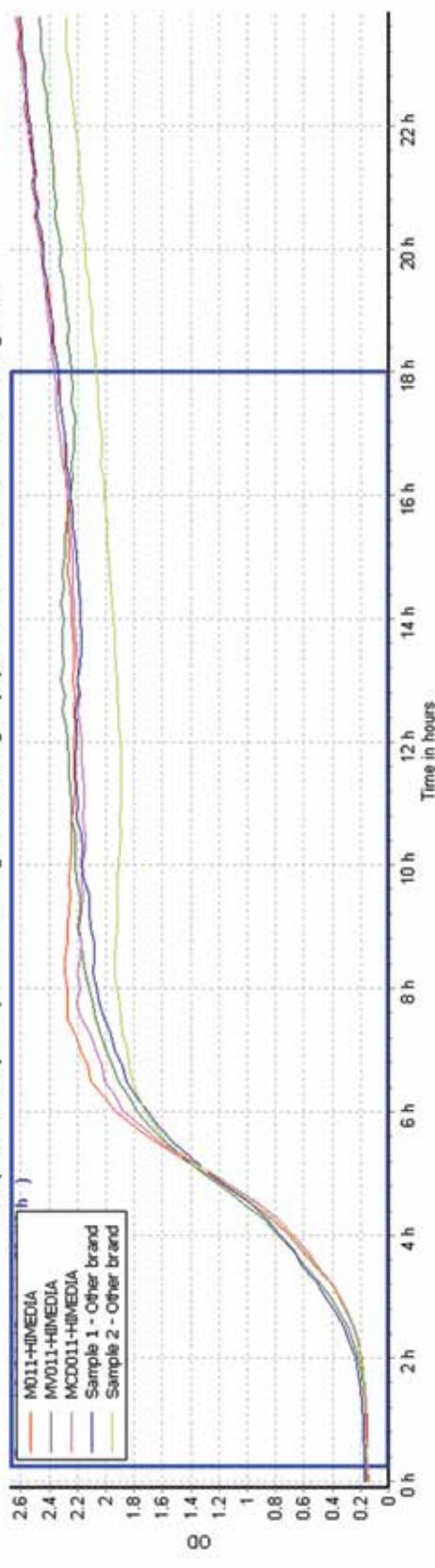


***Bacillus subtilis* ATCC 6633**

Comparative study of Soyabean Casein Digest Broth using Escherichia coli ATCC 25922 as test organism



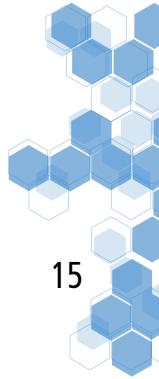
Comparative study of Soyabean Casein Digest Broth using Staphylococcus aureus ATCC 25923 as test organism



Chemically Defined Microbiology Media

Sr. no.	Code	Product name	Water	Food	Dairy	Clinical	Pharma	Environmental	Veterinary & Vaccine	Textile, Petroleum & Molecular Biology	Brewery
1	MCD884	Aeromonas Isolation HiCynth™ Medium Base	✓					✓			✓
2	MCD618	Alkaline HiCynth™ Peptone Water	✓	✓	✓	✓					✓
3	MCD010	Alternative Thioglycollate HiCynth™ Medium (NHI Thioglycollate HiCynth™ Broth) (Thioglycollate HiCynth™ Broth Alternative)					✓				✓
4	MCD345	Azide Dextrose HiCynth™ Broth	✓	✓	✓	✓					✓
5	MCD833	Bacillus Cereus HiCynth™ Agar Base	✓								✓
6	MCD043	Baird Parker HiCynth™ Agar Base	✓								✓
7	MCD972	Bile Esculin HiCynth™ Agar	✓								✓
8	MCD493	Bile Esculin Azide HiCynth™ Agar	✓								✓
9	MCD027	Bismuth Sulphite HiCynth™ Agar		✓	✓	✓	✓				
10	MCD073	Blood Agar HiCynth™ Base (Infusion HiCynth™ Agar)				✓					✓
11	MCD089	Blood Agar HiCynth™ Base w/Low pH				✓					✓
12	MCD834	Blood Agar HiCynth™ Base No. 2				✓					✓
13	MCD211	Brain Heart Infusion HiCynth™ Agar (Special Infusion HiCynth™ Agar)			✓	✓	✓				✓
14	MCD210	Brain Heart Infusion HiCynth™ Broth			✓	✓	✓				✓
15	MCD121	Brilliant Green Bile HiCynth™ Broth 2%	✓			✓					
16	MCD016	Brilliant Green Agar HiCynth™ Base, Modified									✓
17	MCD614	Buffered HiCynth™ Peptone Water				✓	✓				
18	MCD1275	Buffered HiCynth™ Peptone Water w/ NaCl				✓	✓				✓
19	MCD1494I	Buffered HiCynth™ Peptone Water				✓	✓				
20	MCD024	Cetrimide HiCynth™ Agar Base	✓		✓	✓	✓				✓
21	MCD352	C.L.E.D. HiCynth™ Agar w/Andrade Indicator									
22	MCD792	C.L.E.D. HiCynth™ Agar w/ BTB									
23	MCD144	Columbia Blood HiCynth™ Agar Base	✓		✓	✓	✓				
24	MCD144A	Columbia Blood HiCynth™ Agar Base w/1% Agar	✓		✓	✓	✓				✓
25	MCD145	Columbia HiCynth™ Broth									
26	MCD065	Deoxycholate Citrate HiCynth™ Agar	✓		✓	✓	✓				

Sr. no.	Code	Product name	Water	Food	Dairy	Clinical	Pharma	Environmental	Textile, Petroleum & Molecular Biology	Veterinary & Vaccine	Brewery
27	MCD186	DeyEngley Neutralizing HiCynth™ Agar (DE HiCynth™ Agar Disinfectant Testing)						✓			
28	MCD1062	DeyEngley Neutralizing HiCynth™ Broth	✓		✓	✓		✓			
29	MCD029	Endo HiCynth™ Agar									
30	MCD009	Fluid Thioglycollate HiCynth™ Medium (Thioglycollate HiCynth™ Medium, Fluid)	✓	✓	✓			✓			
31	MCD013	Fluid Sabouraud HiCynth™ Medium (Sabouraud HiCynth™ Medium, Fluid)	✓	✓	✓	✓	✓	✓		✓	✓
32	MCD467	Hektoen Enteric HiCynth™ Agar	✓	✓	✓	✓	✓	✓			
33	MCD1651	HiCrome Bacillus HiCynth™ Agar Base		✓							
34	MCD19911	HiCrome Chromogenic Coliform HiCynth™ Agar	✓								
35	MCD1297A	HiCrome Candida Differential HiCynth™ Agar			✓	✓	✓	✓			
36	MCD1466	HiCrome Improved Salmonella HiCynth™ Agar			✓	✓	✓	✓			
37	MCD1353	HiCrome UTI HiCynth™ Agar					✓				
38	MCD1682	HiCrome Vibrio HiCynth™ Agar	✓	✓							
39	MCD078	Kligler Iron HiCynth™ Agar	✓	✓	✓	✓	✓	✓		✓	✓
40	MCD080	Lauryl Sulphate HiCynth™ Broth (Lauryl Tryptose HiCynth™ Broth)	✓	✓	✓			✓			
41	MCD1540	L.mono Differential HiCynth™ Agar Base		✓	✓	✓	✓				
42	MCD0557	Luria HiCynth™ Agar							✓		
43	MCD0575	Luria HiCynth™ Broth							✓		
44	MCD1151	Luria Bertani HiCynth™ Agar Miller (Miller Luria Bertani HiCynth™ Agar)							✓		
45	MCD1245	Luria Bertani HiCynth™ Broth, Miller (Miller Luria Bertani HiCynth™ Broth)									
46	MCD082	MacConkey HiCynth™ Agar w/o CV, NaCl w/ 0.5% Sodium Taurocholate	✓	✓	✓	✓	✓	✓			
47	MCD081	MacConkey HiCynth™ Agar w/ 0.15% Bile Salts, CV and NaCl	✓	✓	✓	✓	✓	✓			
48	MCD118	Mannitol Salt HiCynth™ Agar Base	✓	✓	✓	✓	✓	✓			
49	MCD1461	MUG Nutrient HiCynth™ Agar	✓	✓	✓	✓	✓	✓	✓	✓	✓



Chemically Defined Microbiology Media

Sr. no.	Code	Product name	Water	Food	Dairy	Clinical	Pharma	Environmental	Textile, Petroleum & Molecular Biology	Veterinary & Vaccine	Brewery
50	MCD1194	MUG Plate Count HiCynth™ Agar	✓	✓			✓	✓			
51	MCD1195	MUG Tryptone Soya Agar	✓	✓	✓		✓	✓		✓	✓
52	MCD001	Nutrient HiCynth™ Agar	✓	✓	✓		✓	✓		✓	✓
53	MCD002	Nutrient HiCynth™ Broth	✓	✓	✓		✓	✓		✓	✓
54	MCD091	Plate Count HiCynth™ Agar (Standard Methods HiCynth™ Agar)	✓	✓			✓	✓			
55	MCD096	Potato Dextrose HiCynth™ Agar	✓	✓	✓		✓	✓		✓	✓
56	MCD403	Potato Dextrose HiCynth™ Broth	✓	✓	✓		✓	✓		✓	✓
57	MCD120	Pseudomonas HiCynth™ Agar (For Fluorescein)	✓				✓	✓			
58	MCD406	Pseudomonas Isolation HiCynth™ Agar Base	✓				✓	✓			
59	MCD880	Rappaport Vassiliadis HiCynth™ Medium	✓								
60	MCD1491	Rappaport Vassiliadis Soya HiCynth™ Broth (RVS HiCynth™ Broth)	✓								
61	MCD443	Reinforced Clostridial HiCynth™ Broth	✓								
62	MCD108	Salmonella Shigella HiCynth™ Agar (SS HiCynth™ Agar)	✓								
63	MCD063	Sabouraud Dextrose HiCynth™ Agar									
64	MCD033	Sabouraud Dextrose HiCynth™ Broth (Sabouraud Liquid HiCynth™ Medium)									
65	MCD290	Soyabean Casein Digest HiCynth™ Agar (Casein Soyabean Digest HiCynth™ Agar) (Tryptone Soya HiCynth™ Agar)	✓	✓	✓		✓	✓		✓	✓
66	MCD011	Soyabean Casein Digest HiCynth™ Medium (Tryptone Soya HiCynth™ Broth)	✓	✓							
67	MCD870	TCBS HiCynth™ Agar (Selective)	✓	✓							
68	MCD021	Triple Sugar Iron HiCynth™ Agar	✓	✓	✓		✓	✓		✓	✓
69	MCD014	Tryptone Glucose Extract HiCynth™ Agar (Tryptone Glucose Yeast Extract HiCynth™ Agar)	✓	✓	✓				✓	✓	
70	MCD581	Violet Red Bile Glucose HiCynth™ Agar w/o lactose (V.R.HiCynth™ Agar)	✓	✓	✓		✓	✓		✓	✓
71	MCD023	Xylose Lysine Deoxycholate HiCynth™ Agar	✓								
72	MCD031	Xylose Lysine Deoxycholate HiCynth™ Agar (XLD HiCynth™ Agar)	✓								

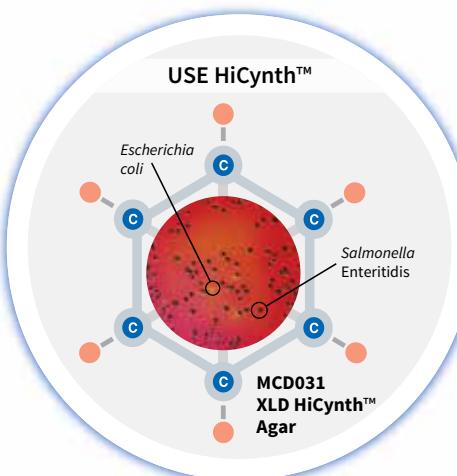
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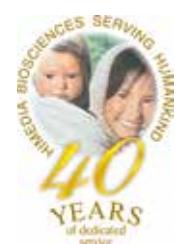
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