

cdhfinechemical.com

your partner in research since 1981





It is our previlage to thank you all for your kind patronase and support over the decades. CDH has been serving the scientific community with the largest range of Laboratory Fine Chemicals & Dehydrated Culture Media since 1981.

CDH is an ISO 9001: 2008 certified company in accordance with the Quality Management System and recognised as a benchmark for wide range of products of high purity. CDH is producing and marketing various products in diversified fields under the following brands.



- Laboratory Chemicals



🌱 microplast

Bioshell

- Dehydrated Culture Media / Base / Supplements / Discs etc.
- Comprehensive range of Laboratory Plastic Wares
- Disinfectants Ready to use

Quality : CDH products are at par with International Standards. Our Quality Control and R&D are equipped with ultra modern facilities to extract best of it.

Production : We are having complete in house facilities for production and storage of finished and semi-finished materials.

Deliveries : CDH products are widely available through the strong network of Super Stockists / Stockists / Sub dealer Spread globally. Supplying trustworthy and reliable products with fast delivery is our main objective.

Well settled team of technicians marketing, administration and operation is our main power to serve our valued customers over the years with the efficient management of the company.

Expansion Plan : CDH is setting up a second state-of-the-art manufacturing facility at Dahej - Gujarat. The total area is spread over 35000 smt whereas the main plant is proposed over an area of 150000 sft.

CDH-TEAM



PRODUCTION CAPABILITIES

SOLVENTS

CDH has the complete in house production facilities.

We have highly sophisticated facilities for distillation and purification of different kind of solvents. CDH offers the most comprehensive range of solvents from HPLC to Electronic grade to Dry solvents. We utilize over 7000 liters state of the art distillation reactors of both SS / GLR for high purity solvents.

Our storage capacity is over 140000 liters with our current capacity, we can increase our production and packaging capability to meet the requirements of our customers worldwide.

Equipments	Capacity
S. S. Distillation unit cum reactor	1000L
S. S. Distillation unit cum reactor	230L
Glasslined reactor with Distillation unit	600L
Glasslined reactor with Distillation unit	1600L
Glasslined reactor with Distillation unit	200L
Glass Distillation cum reactor	100L
Glass Distillation unit	50L
Glass Distillation unit	20L

PRODUCTION CAPABILITIES

SOLIDS

CDH is recognized as a benchmark for wide range of products of high purity. Our Analytical Reagent grade is in compliance to the specification of IP, BP, USP and EP grades. We also produce MB (Molecular Biology Reagents), Reagents for Microbiology, Reagents for Biochemistry, etc. using superior quality raw material. During manufacturing our team of engineers ensures that the quality and purity of each product is as per specification by conducting series of tests at different stages of production. Environmental & Safety concerns are also taken into account.

Our production operation offers a wide range of products under one roof. Our engineers and chemists employ variety of ultra modern techniques for the development of new products.

Equipments	Capacity
S.S. Evaporating pan jacketed	1000L
S.S. Evaporating pan jacketed	750L
S.S. Jacketed crystalliser pan	500L
Glasslined Jacketed evaporating pan	500L
Glasslined Jacketed evaporating pan	50L
S.S. Evaporating pan jacketed	50L
S.S. 316 High pressure autoclave	10L
S.S Vibrator / Shifter	
S.S. Centrifuge Basket size	dia 24, 18, 10
S.S 316 Nutsche filter	250 L
S.S 316 Nutsche filter	130 L
Steam heated tray dryer	12 tray
Steam heated tray dryer	24 tray
Steam / Electric heated tray dryer	48 tray





QUALITY ASSURANCE

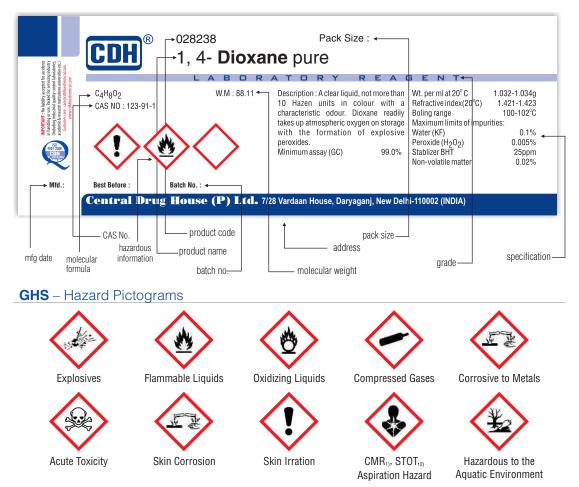
CDH ensures all the products have clearly defined specifications guranteed by careful and sophisticated quality control with compliance to the international standard requirements.

Our Q C and R & D departments are equipped with highly modern and sophisticated facilities to attain precise results

We at CDH feel that Quality is the most important aspect without any substitute. In addition to that we are constantly monitoring our sales and customer care services to build closer relation with our customers.

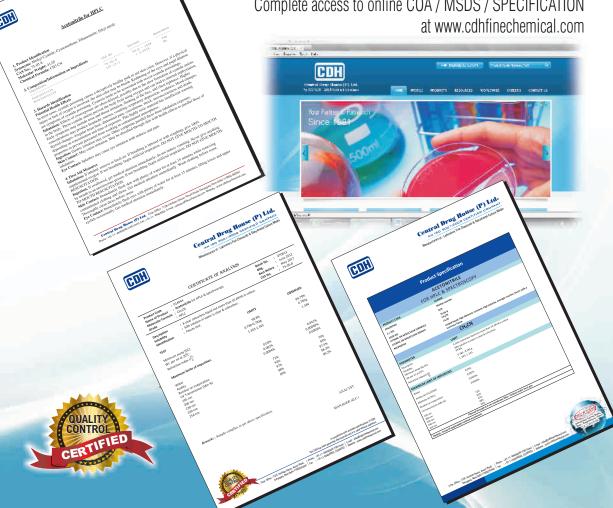


NEW LABEL SPECIMEN



PRODUCT INFORMATION

Complete access to online COA / MSDS / SPECIFICATION at www.cdhfinechemical.com



Material Safety Data Sheet

CDH

BULK PACKS

We offer a wide range of chemicals in attractive containers

Available Packs

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Solids : 25 Kg. & 50 Kg. Liquids : 25 lit., 100 lit. & 200 lit.

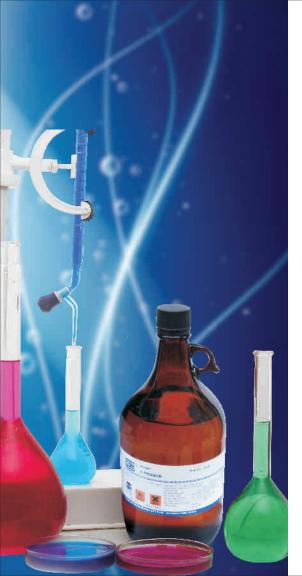
- Fast Deliveries
- Safe & Convenient to handle
- Consistent & High quality as per international standards
- And all these at affordable prices.

Certificate of Analysis is available on request



SOLVENTS





HPLC SOLVENTS

- Solvents of this Special Quality are carefully analysed to exceed or to meet the limit of UV absorbtion.
- These Solvents of high quality standards are of much greater mechanical strength.
- Solvent particles are much smaller than conventional liquid solvents. Columns are operated at a very high pressure to maintain high quality standards.
- Solvents are filtered through 0.22 m filter.
- All of our HPLC Solvents are packed under Nitrogen for its better Resistance and bottles are sealed with Teflon Liner to prevent contamination.

RANGE OF HPLC SOLVENTS

1 Butanol	Diethylamine
1,2-Dichloroethane	Ethyl Acetate
Tert-Butanol	Hexane
Tert-Butyl Methyl Ether	n-Hexane
1,4-dioxane	Iso Octane
Acetic Acid	Methanol
Acetone	Methyl Acetate
Acetonitrile	N-Pentane
Benzene	1-Propanol
Carbon Tetra Chloride	2-Propanol
Chloroform	Toluene
Cyclohexane	Trichloroethylene
Dichloro Methane	Triethylamine
Dimethyl Sulphoxide	Water

..... and more



AAS / ICP / ICP-MS STD. SOLUTION

CPECTROSOL

014031	Aluminium Atomic Absorption STD. Soln. Contains 1000 mg/lit ASS
014134	Barium Atomic Absorption STD. Soln. Contain 1000 mg/lit AAS
014115	Berrylium Atomic Absorption Std. Soln. Contains 1000 mg/lit ASS
014135	Cadmium Atomic Absorption STD. Soln. Contains 1000 mg/lit AAS
014139	Copper Atomic Absorption STD. Soln. Contains 1000 mg/lit AAS
014049	Gold Atomic Absorption STD. SOLN. Contains 1000 mg/litre AAS
CRIST	AR

S00500	Arsenic 1000 ppm Single Element Standard for ICP-MS
S01202	Barium 1000 ppm Single Element Standard for ICP-MS
S02502	Copper 1000 ppm Single Element Standard for ICP-MS
\$13315	Nitrite 200 ppm Single Element Standard for Ion Chromatography
S15521	Phosphorous 1000ppm Single Element Standard for ICP
S15520	Phosphorous 1000ppm Single Element Standard for ICP-MS
	1

..... and more

Grades of Purity

ANALYTICAL REAGENT (AR)

The Price-List covers many AR Products conforming to the highest international standards for Analytical and Research work of the most responsible character. The trace impurities in these Products are restricted to



the lowest possible limits for the utmost precision in laboratory work. We have designed a lot of products to meet the analytical specifications of IP, BP, USP, EP to fulfill the requirements of Pharma Industry.

FOR SYNTHESIS (LR & EP)

General purpose reagents used in many potential applications in chemical laboratories, careful control ensures that a consistently high defined quality is maintained throughout.



FOR MICROSCOPY

Microscopy stains are standardised by UV spectrum and controlled by TLC. They correspond normally to the specifications given in H.J. Conn's Biological Stain (1977).



FOR BIOCHEMISTRY

Highly Purified Reagents for use in Biochemical research and analysis. They are free from inhibits such as traces of heavy metals and tested with a view for Biochemical work.



PURE, PURIFIED

Purified commercial products used in many chemical laboratories.



EL GRADE CHEMICALS

These chemicals have very stringent limits for metallic impurities as required by the Electronic Industry.



DIAGNOSTIC REAGENTS

These are specially produced for the use of various hospitals, clinical & pathological laboratories for diagnostic purpose.



DRY SOLVENTS

These solvents are processed & distilled with drying agents to obtain a minimum possible moisture content and are most suitable for Moisture Sensitive Reactions.



IP GRADE CHEMICALS

These products are suitable for Pharma Industries. Also confirms the standards of latest Indian Pharmacopeia. Many of these also



comply with specifications of other Pharmacopeia like BP & EP.

BUFFERS

Suitable for working where pH varies in the field of Biochemistry / Biotechnology.



FOR MICROBIOLOGY

Products which have been specially purified and tested for their microbiological applications.



HPLC GRADE

Continuing advances in the use of HPLC have led to an increased demand for solvents and reagents in wider range of application areas, particularly for biomolecular and ion separation. Key parameters such as



UV absorbance, transmittance, non-volatile matter, moisture content, fluorescence impurities and assay are very carefully controlled.

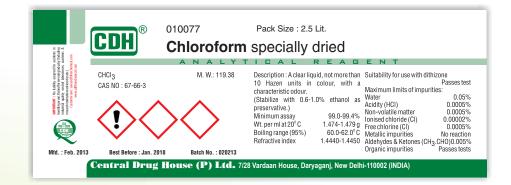
SPECTROSCOPY GRADE

These are solvents of high optical purity for UV / Visible / IR / Fluorescence / NMR and Mass spectroscopy. The certificate of guarantee includes assay, minimum transmission at certain defined



wavelengths in UV range, moisture content, non-volatile matter etc.

SPECIALLY DRIED SOLVENTS





PRODUCT RANGE

010873	1,4 Dioxane	010870	Cyclohexane
010825	2-Propanol	010871	Dichloromethane
010868	Acetone	010872	Dimethyl sulphoxide
010077	Chloroform	029193	Methanol
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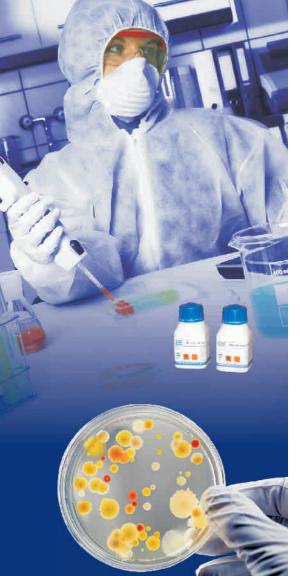
- Minimum assay and Maximum limit of trace impurities.
- Useful in moisture sensitive reactions.
- Easy availability.



MOLECULAR BIOLOGY GRADE

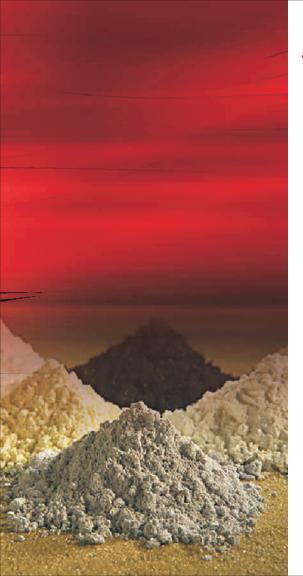
- Ammonium Acetate
- Ammonium Sulphate
- Boric Acid for Molecular Biology
- Bromo Phenol Blue-Xylene Cyanol
- Cesium Chloride
- Chloroform suitable for Nucleic acid
- di-Sodium Hydrogen ortho Phosphate
- Dithiothreitol (D.T.E.) 99%
- Ethylene Diamine Tetra Acetic Acid
- Formamide for Molecular Biology
- Guanidine Hydrochloride
- Hydrochloric Acid Fuming 37%
- Imidazole for Molecular Biology
- Magnesium Acetate Tetra Hydrate for MB
- Magnesium Chloride
- I Nitro B.T. for Microscopy
- Phenol Chloroform 5:1
- Phenol Solution for Molecular Biology
- Potassium Acetate
- Sodium Hydrogen Carbonate
- Sodium Lauryl Sulphate for HPLC AR
- Sucrose For Molecular Biology
- Tri Sodium Citrate
- Urea for Molecular Biology
- Urea Specially Purified

..... and many more



AGAROSE

MB0023	Agarose high EEO Gelling temp. 36°C highly purified for gel and immunoelectrophoresis.
[9012-36-6]	Suitable for countercurrent immunoelectrophoresis.
MB0024 [9012-36-6]	Agarose medium EEO type I gelling temp. 38-40° C highly purified for gel and immunoelectrophoresis.
MB0025 [9012-36-6]	Agarose medium EEO type II gelling temp. 36° C highly purified for gel and immunoelectrophoresis.
MB0026	Agarose low EEO regular grade gelling temp. 38-40° C high gel strength highly purified for gel and immunoelectrophoresis. Suitable for routine molecular biology.
MB0027 [9012-36-6]	Agarose superior grade type I gelling temp. 38-40°C for molecular biology high gel strength suitable for analysis & purification of nucleic acids. DNase, RNase, protease not detected suitable for molecular biology
MB0028 [9012-36-6]	Agarose superior grade type II gelling temp. 36°C for molecular biology high gel strength suitable for analysis & purification of nucleic acids. DNase, RNase, protease not detected
MB0029	Agarose low melting gelling temp.~35°C melting temp (4% gel) ~ 65 C suitable for separation of DNA fragments<1000 base pairs (bp) & can distinguish fragments As small as bp. suitable for molecular biology
MB0030	Agarose Metaphor suitable for molecular biology
MB0031	Agarose Low-6 suitable for molecular biology



RARE EARTH METALS



Ceric Hydroxide AR Ceric Oxide 99.95% AR (Ceric IV Oxide) Ceric Sulphate Tetrahydrate 99.9% AR Ceric Sulphate N/10

DYSPROSIUM

Dysprosium Metal Powder 99.9% Dysprosium Acetate Hydrate 99.0% Dysprosium Carbonate X H₂O 99.90% Dysprosium Chloride X H₂O 99.9% Dysprosium Nitrate 6 H₂O 99.9% Dysprosium Oxide 99.99% Dysprosium Oxide 99.9%



Erbium Metal Powder 99.9% Erbium Acetete Hydrate 99.9% Erbium Carbonate Hydrate 99.9% Erbium Chloride Hydrate 99.9% Erbium Nitrate 6H₂O 99.9% Erbium Oxide 99.9% Erbium Sulphate XH₂O 99.9%

..... and many more

HOLMIUM

Holmium Acetate XH, 099.9% Holmium Carbonate XH, 099.9% Holmium Chloride XH, 099.9% Holmium Oxide 99.9% Holmium Sulphate XH, 099.9%



Neodymium Metal Powder 99.9% Neodymium Acetate XH,0 99.9% Neodymium Carbonate XH,0 99.9% Neodymium Chloride 6H,0 99.9% Neodymium Nitrate 6H,0 99.9% Neodymium Oxide 99.9%



Terbium Metal Powder 99.9% Terbium Acetate XH₂O 99.9% Terbium Carbonate XH₂O 99.9% Terbium Chloride XH₂O 99.9% Terbium Nitrate 6H₂O 99.9% Terbium Oxide 99.9% Terbium Sulphate XH₂O 99.9%





culture media products are made of high quality ingredients so as to produce maximum good results as expected by our customers. It is of great significance to know the functions and reactions of a particular ingredient and its interaction with other ingredients in a media. Here arises the necessity of strict evaluation of the ingredients.

In the second and every ingredient undergoes thorough testing prior to manufacturing by our well-equiped and highly efficient quality control department. Maximum quality control measures are taken throughout the manufacturing process to give the desired results. It will be our greatest effort to provide products of maximum attainable quality to our customers.

We serve a wide range of culture media products to meet the various requirements of Dairy, Pharmaceuticals, Veterinary, Cosmetics, Water Treatment, Public Health and Medical Microbiology departments.



dehydrated culture media & supplements CE certified

DEHYDRATED CULTURE MEDIA

A-1Broth	Czapek Dox Agar	Mac Conkey Agar, Modified
ACBroth	Czapek Dox Broth	Meat Infusion Powder
Andrade Peptone Water	Dextrose Broth	MRS Broth
Antibiotic Assay Medium C	EE Broth, Mossel	Mueller Hinton Agar
Antibiotic Assay Medium No. 1	EMB Agar	Nutrient Agar
Antibiotic Assay Medium No. 2	Esculin Azide Broth	Nutrient Agar (Medium)
Antinbiotic Assay Medium B	Fluid Thioglycollate Medium	Nutrient Agar 1.5%
Ashby's Glucose Agar	Gelatin Agar	Nutrient Agar No. 2
Beef Extract Paste	Glucose Yeast Extract Agar	Nutrient Agar, pH 7.0
Bile Esculin Azide Agar	Hottinger Broth	Nutrient Broth
Bile Salt Agar	Iron Sulphite Agar	Plate Count Agar
Bile Salts	Kanamycin Esculin Azide Agar	Potato Dextrose Agar
Bile Salts Mixture	Kligler Iron Agar	Sabouraud Dextrose Agar
Bio Peptone	Lactose Broth	Simmons Citrate Agar
Bismuth Sulphite Agar	Luria Agar	Triple Sugar Iron Agar
Brain Heart Infusion Broth	Luria Broth	Violet Red Bile Agar
Bushnell Haas Agar	M17 Agar Base	Xylose Lysine Deoxycholate Agar
Columbia Broth Base	M17 Broth	Yeast Extract Agar

..... and many more

Indicator Powders

- Alizarine red S Bromocresol purple AR Bromophenol blue AR Congo red 1,5-Diphenylcarbazide AR 1,5-Diphenylcarbazone AR Erythrosin B
- Fluorescein sodium Methyl red Neutral red AR Riboflavin Rose bengal AR Rhodamine 6G

Fluorescence Indicators

- Acriflavine Auramine Azur II Coumarin Eosin (Water soluble, yellow shade, Erythrosin B
- Fluorescein sodium a-Phenylenediamine Rhodamine B AR Salicylic acid AR Titan yellow AR

Staining Solutions

For Eucaryotic cells / Tissue (s) Papanicolaous soln. 1a Aceto Carmine solution Papanicolaous soln. 2b Albert stain 'A' solution Papanicolaous soln. 3b Albert stain 'B' solution Shorr staining soln. Borax carmine alcoholic Wright staining soln. Solution for general Use Brilliant cresyl blue Carbol fuchsin staining soln. Field stain 'A' solution Field stain 'B' solution Gentian violet Giemsa staining soln. Methylene blue actophenol picric acid soln. Nigrosine 10% soln. Leishman's staining soln. Safranine soln.

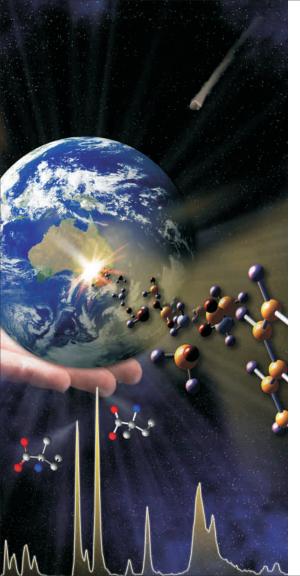
Alizarin red S Arsenazo I AR Arsenazo III AR Bathocuproin Bathophenanthroline AR Benzoin-a-oxime 2,2-Bipyridyl AR 2,2,'-Biguinoline AR Bromopyrogallol red AR Brucine AR Cacotheline AR Calconcarboxylic acid AR Calmagite AR Cupferron AR Diacetvl monoxime AR Dimethyl glyoxime AR 1,5-Diphenylcarbazide AR Dithioxamide AR Dithiozone AR Frichrome Black T Fast sulphone black F Ferroin soln AR Haematoxylin



Metal Indicators

Mercaptobenzothiazole AR Naphthol green 1-Nitroso-2-naphthol 2-Nitroso-1-naphthol AR Nitroso-R-Salt AR Pvrogallol red AR Rhodamine B AR Solochrome dark blue Thiourea AR Thorin indicator AR Titan yellow AR Xylenol orange AR 7incon AR Amido black 10 B 2.2'-Bipvridvl AR Cacotheline AR **Diphenylamine AR** Indigo carmine Methylene blue Neutral red AR Safranine O Thionine Xylene cyanol FF





AGAR

033003 (9002-18-0)	Agar Agar Shredded for Bacteriology
025952 (9002-18-0)	Agar Powder Ultra Pure Recommended for use in immunoelectro phoretic procedures, Nutritional Studies (vitamin assay media) or sensitivity testing procedure Gelling Temperature not more than 35°C (Equivalent to noble agar)
025953 (9002-18-0)	Agar Powder Certified Etensively processed to guarantee the absence of inhibition, allowing growth of even the most sensitive microorganisms, it can be used in electrophoretic studies. Immunodiffusion assays and tissue culture procedures
033180 (9002-18-0)	Agar Powder Extra Pure Recommended for culture media, disc diffusion, susceptibility tests where low mineral/metal content is desirable. Gelling Temperature not more than 38°C
025951	Agar Purified Powder Free from all nitrogenous compounds, Inorganic salts andvitamins and therefore ideal for culture media and bacteriological work Gelling Temperature not more than 38°C
033004 (9002-18-0)	Agar Powder Bacteriological Bacterial content as per IP recommended for routine bacteriological work and particularly useful in pharmaceutical preparation where it passes in microbial limit tests for the presence of bacteria.
025999 (9002-18-0)	Agar Agar Type I





Kills 99.9% of germs in seconds without water

Rinse free Protection instantly

500 ml



INSTANT HAND SANITIZER Kills 99.9% of germs in seconds without water

COMPOSITION

Each 100 gm Solution Contains: Denatured Alchol 69.4% w/w Other Ingredients: Acrylates C10-30 Alkyl Acrylate crosspolymer, water, PEG/PPG 17/6 copolymer, Tetrahydroxypropyl ethylenediamine, propylene Glycol, Perfume

DIRECTIONS

Pour 3-5 ml on the palm and rub gently with backward and forward rotating movements with fingers interlocked until dry..



Global reach

We are having distributors network for more than 50 countries of the world.

In India

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Port Blair

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- Guntur
- Hyderabad
- Kakinada
- Secunderabad
- Tirupati
- Vijayawada
- Visakhapatnam
- Warangal

Assam

- Guwahati
- Jorhat

Bihar

Patna

Chandigarh Chhattisgarh

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- Delhi
- Goa
- Panaji
- Gujarat
- Ahmedabad

- Anand
 Ankleshwar
- Bhavnagar
- Jamnagar
- Junagadh
- Navsari
- Rajkot
- Surat
- Vadodara
- Vapi
- Haryana
- Ambala Cantt
- Hissar
- Karnal
- Kurukshetra
- Himachal Pradesh
- Baddi
- Mandi
- Palampur
- Parwanoo
- Shimla
- Solan

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- Jammu
- Srinagar

JharkhandDhanbad

• Jamshedpur

Ranchi Karnataka

- Bangalore
- Dharwad
- Gulbarga
- Hubli
- Mangalore
- Mysore

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- Cannanore
- Cochin
- Kottayam
 - Thiruvananthapuram
 - Trichur

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- Gwalior
- Indore
- Jabalpur
 Paipur
- Raipur

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- AurangabadJalgaon
- Kolhapur
- Mumbai
- Nagpur
- Nashik
- Navi Mumbai
 Pune
- Thane
- Manipur

• Imphal

- Meghalaya
- Shillong

Mizoram

- Orissa • Berhampur
- Balasore
- Bhubaneshwar
- Cuttack
- Sambalpur Pondicherry

Punjab

Amritsar

Ludhiana

PatialaJalandhar

Srinagar

Haldwani

Roorkee

Rudrapur

• Agra

Aligarh

Bareilly

Faizabad

Ghaziabad

Gorakhpur

Jhansi

Kanpur

Lucknow

Mathura

Meerut

Varanasi

Asansol

Kolkatta

• Siliauri

Jalpaiguri

Jamshedpur

North 24 Parganas

West Bengal

Allahabad

Uttar Pradesh

- Raiasthan
- Bikaner

• Udaipur

Kota

Pilani

Alwar

• Junihunu

Tamil Nadu

Coimbatore

Kanchipuram

Tiruchirapalli

Karaikudi

Madurai

Salem

Tripura

Agartala

Uttarakhand

Dehradun

Chennai

Frode

JaipurJodhpur



Product

Catalogue



Specification Manual 'Chemicals'



Specification Manual 'Culture Media'

Please ask separately for MSDS & Certificate of Analysis





innovation invention



Dehydrated Culture Media /Base/Supplements/Discs



Central Drug House (P) Ltd.

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Website