

Accelerating and Energizing biotechnology innovations



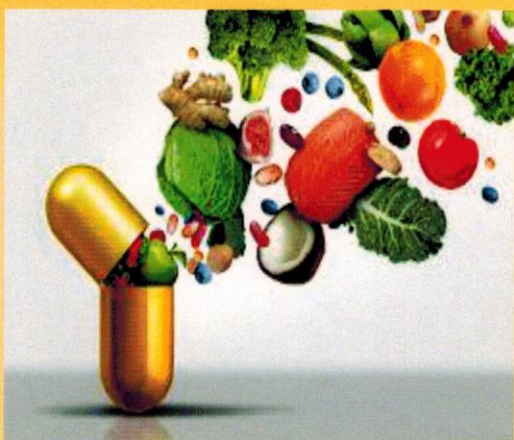
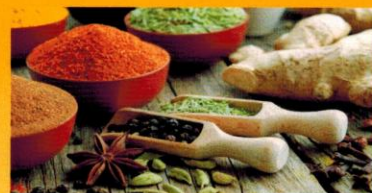
Dextrose Technologies Pvt. Ltd [DTPL] is one of the India's fast growing Biotechnology start ups engaged in eco-friendly and sustainable product/process development and R & D service provider in the areas of Unani, Ayurveda Food, Water, Cosmetics, Biotechnology and Health care. As one of the key business divisions within DTPL, we are focused on delivering high quality testing services for students, professionals, Start-ups in healthcare and Life science industries. We are committed to provide a responsive and flexible analytical service to meet our entire needs of our customers, with the aim of exceeding their expectations and establishing productive long term relationships.

#124, 2nd Floor, 1st Main Road, Kengeri Satellite Town,
Bangalore-560060, India, Phone: +91 9686928701
Mail: interface@dextrosetech.com
Website: www.dextrosetech.com

Dextrose Technologies – SERVICE DOMAINS

UNANI & AYURVEDIC TESTING

Analytical Method development and validation in assay, raw material analysis, content uniformity, dissolution, Purity, Residual solvents, related substances, Microbial sterility testing, Microbial efficacy testing, MIC, MBC MLT, BET and analysis, Cytotoxicity assay, cell line and animal cell studies.



FOOD & BEVERAGES

Dextrose Technologies provides testing services for food products with a comprehensive range of microbiological parameters along with expert advice for product improvement and diversification.

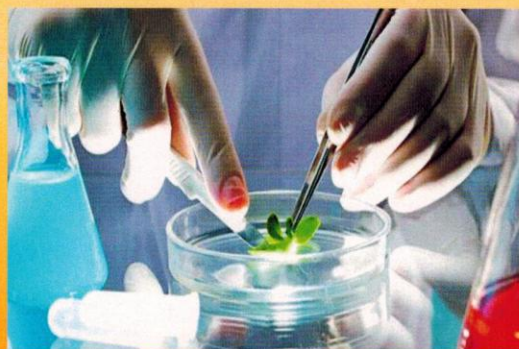
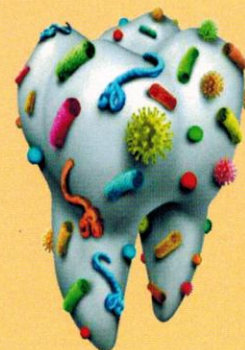
Testing Services Include: Nutritional Analysis , Authenticity testing , Quality Analysis , Food borne Virus Detection , Contaminants and Residues, Ingredients and Additives , Microbiological Analysis including endotoxin and aflatoxin testing , physical and chemical testing services including Flavors and Fragrance.

Specialized Services: Shelf life and stability studies, process validation, challenge studies, toxicology studies, product development support, Food safety management system.

DENTAL RESEARCH

Dextrose Technologies is providing unique service to Dental colleges and professionals in the domains of product development, academic research, specialized skill development, raw material and product testing, analytical services, molecular research, In-vitro microbiology, cell line and animal studies. We enjoy a strong pan-India client base in this service domain with hundreds of satisfied customers.

Specialization: Formulation development, herbal and chemical drug development, In- Silico drug design, Analytical solutions for herbal drugs, microbial identification, intermediates development, SEM, TEM, FTIR analysis for the bonds and novel Nano material used in the dental practices.



AGRICULTURE TESTING SERVICES INCLUDE:

DEXTROSE offers a wide range of agricultural testing services including soil, plant, water and manure analysis. Soil testing, compost testing, Water testing, Nematode Analysis, Fertilizer testing, Feed analysis, Pesticide analysis, micro and Macro flora of soil, herbal fungicide, immune boosters.

Specialization: We are specialized in plant disease analysis and giving eco-friendly solutions for plant health. We also have a range of products and products under development for plant and soil health.

WATER TESTING

We currently work with customers in the following sectors:

FOOD: Undertaking a variety of tests to check the suitability of water for use in catering production processes as well as examining the quality of bottled drinking water.

PHARMACEUTICAL: Purified water & water for injection testing as per Pharmacopoeia.

CONSTRUCTION BUILDING: Providing varied checks and assessments including legionella testing in cooling towers, swimming pool quality and drinking water quality.

INDUSTRIAL ENVIRONMENT: Assessing the quality of industrial effluents and process waters from a range of industrial sites including boiler feed water and licensed discharges to controlled waters.

NATURE ENVIRONMENT: Checking the quality of water to assessing the quality of bathing water quality and river pollution among others.

WATER TESTING SERVICES INCLUDE:

Physical/ chemical testing, Elements testing, Microbiology testing, Pesticides testing , Volatile organic Carbon testing , Endotoxin [LAL] testing, Endotoxin [KTA] kinetics assay.



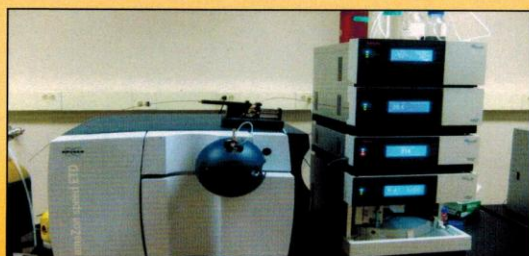
COSMETICS

Dextrose offers specialized analytical services in Chemical, Physical and Microbiological analysis of raw materials, finished products and stability trials within cosmetics and Pharmaceutical industries. With experienced chemists and microbiologists, can offer you the highest level of technical advice coupled with customer support through our customer service team. We are the right partner with right solution for your Cosmetics Analytical services, let it be Chemical or Natural we provide end-to-end solutions for Lipsticks, Hair oil , Shaving cream , Nail polish , Shampoo, Soap , Skin cream , Hair dye, Detergent , Skin powder, Henna powder , Cleaner Products, etc.

BIOTECHNOLOGY:

Being the Core area, Dextrose has the experience and expertise in developing customized testing packages to meet regulatory compliance and delivers client focused solutions for the specific testing and manufacturing requirements of your biologics. The assays range from cell characterization and process validation studies through stability and product release testing.

Bio Assays and Screening, Batch and lot release assays for Biologicals Custom Host cell [HCP] assays, Cell biology, Protein Biology, Immunoassays, SDS PAGE, NATIVE PAGE. DNA binding and cleavage studies.



INSTRUMENTATION and FACILITIES

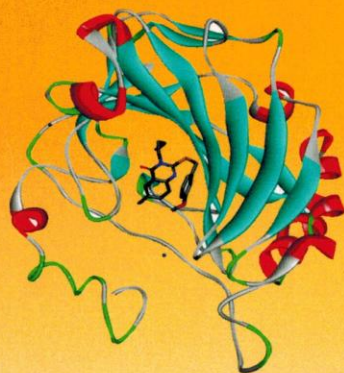
HPLC, GC, GC MS-MS, LC-MS, LC- MS-MS, UV-VIS, 1H NMR, ICP-OES, ELISA, SEM, SEM-EDS, XRD, AFM, FTIR Dissolution Apparatus, Atomic absorption spectra.

BS-II Microbiology facility, Animal cell culture facility with wide range of cell lines, Molecular Biotechnology lab equipped with PCR, RT-PCR, Nano- drop spectrophotometer

A TAILORED SOLUTION

We work closely with you to understand both your customer requirements and those for the future. Our philosophy is to provide you with more than just a test result a comprehensive solution for your academic/industrial research. Our testing services are complemented by consultancy services in areas such as **PHARMACEUTICAL, AYUSH, ISO, FSSAI, GMP, GLP**, due diligence and food technology as well as legal labelling advice.





NGS analysis: WGS- SNP analysis, Exome analysis, Functional metagenomics, Phylogenetic Analysis, Metagenome analysis

RNA seq analysis: Gene expression analysis, Spliceosome analysis, Differential gene expression analysis, ChIP seq analysis, Microarray data analysis

Drug discovery: Cheminformatics, finger print analysis to QSAR, Molecular docking, MD simulation, Protein protein docking and analysis

Database: Database development, Development of front end and 2 way binding, Plugins

Other things : Developing publication quality images using Python, Matlab and R programming, Data mining and curation, Renting of HPC and GPU, Skill development program in insilico biology

We also provide industrial training, internships, dissertation projects, Mini-projects, Domain specific coaching for life science professionals, students and industry partners.

Dextrose Technologies – Product Domains

1. Plant & Soil care products

- 1.1. WiltProof - Plant Immune booster
- 1.2. FungiProof Herbal medicine for plant diseases
- 1.3. BugHit – Herbal Insect repellent-
- 1.4. Azo-Dex - Soil fertility enhancer
- 1.5. Trico-Dex - Soil care

2. Personal care products

- 2.1. San+ - Herbal sanitizer spray (Ayush approved)
- 2.2. Higen+ - Herbal sanitizer gel (Ayush approved)

3. Home care products

- 3.1. Fragsafe room spray – Herbal mosquito repellent-cum- room freshener (Ayush approved)
- 3.2. Fragsafe Aerosol spray – Herbal mosquito repellent-cum- room freshener (Ayush approved)

4. Veterinary care products

- 4.1. Pet hygiene and deodorants
- 4.2. Insect and mite repellents
- 4.3. Farm disinfectants



Get in Touch
With Us

#124, 2nd Floor, 1st Main Road, Kengeri Satellite Town,
Bangalore-560060, India, Phone: +91 9686928701

Mail: interface@dextrosetech.com

Website: www.dextrosetechs.com