

Corporate Presentation

January, 2023



Near Bhadaj Circle, Opposite Fresh & Fresh Bakery, Behind Gulab Oil,
Rakanpur - 382721, Taluka Kalol, District. Gandhinagar, Gujarat, India

GPS Coordinates: 23.0970° N, 72.4795° E
Plus Code Address: 3FWH+RQ Rakanpur, Gujarat

Website: www.aumresearchlaboratories.com | Email: info@aumresearchlabs.com

cGMP compliant pharmaceutical analytical contract testing, research and development laboratory in Rakanpur, Gujarat, India.

Founded in 2010, AUM RESEARCH LABS is one of the foremost analytical testing labs in Gujarat, India, providing solutions across diverse Industries, such as Pharmaceuticals, Cosmetics, Ayurvedic-Herbals, Nutraceuticals, Food & Agri, Ores & Minerals and Material testing.

- ❑ Registered at Registrar of Companies in 2018 having CIN No. U73100GJ2018PTC104697
- ❑ Classified as Non-Government Company

They have the following objectives.

- To maintain an effective quality assurance systems having dependability complying with national and international standards.
- To achieve and maintain the level of quality which enhances the company's reputations with the customers.
- Providing customer satisfaction by reliable testing and keeping a quality check on the parameters being tested as per the needs of clients.

- **Top Management** team has 15+ years of experience in different industries and different part of world.

MR. JITENDRA PATEL, Managing Director

M. Phil. from Cambridge University, UK, and, MS from Stanford University, USA.

- He is recipient of OBE (Order of British Empire) from the hands of Her Majesty Late Queen Elizabeth
- He is recipient of Award from Hon. Prime Minister of India Mr. Narendra Modi for Efforts in Education
- He is Patent holder in Smart Technologies

MR. KARTIK VIKANI, CEO

M. Pharm., Ph. D. (Pursuing)

- Having more than 17 years experience in Regulatory Affairs, Quality Assurance, Herbal Drug Research, Analytical Research and Testing, etc.

Our accreditations, quality compliances, and our achievements are a reflection of trust that our customers have bestowed on us.

Accredited / Recognised by

- NABL ISO/IEC 17025 :2017
- Approved Food & Drugs Control Administration (FDA)-Govt. of Gujarat
- Approved AYURVEDA SIDDHA UNANI DRUGS State Food & Drugs Control Administration
- Approved Cosmetic from FDA Gujarat Drugs Control Administration
- Certified Good Laboratory Practice requirements of Schedule L1 of Drugs & Cosmetics Rules 1945
- Certificate of Registration for ISO 9001:2015 from Quality Research Organization
- Certified D-U-U-S (Number 86-145-5450)



- Total Laboratory area over ~10651 SQFT
 - ~3890 SQFT Build up area
 - ~808 SQFT Open landed area
- AYUSH Laboratory have area about ~1260 SQFT
- Dedicated area for BET, MLT, Sterility Room, Media Preparation Room, Culture Handling Room and Washing Area
- Separate Air Handling Unit for Sterility Area
- LIMS Enabled lab: From sample inward to report release
- 24 x 7 technical support
- Artificial Intelligence enabled lab
- First time ever mobile application & client login facility





FAST • RELIABLE • ACCURATE

Infrastructure





- **Physicochemical Analysis**
- **Chemical Testing**
- **Pharmaceutical Raw & Finished Products Testing**
- **Microbiological Testing**
- **Elemental Impurities Analysis**
- **Stability study Storage with Analysis**
- **Photo-Stability Studies**
- **Ayurvedic & Herbal Product Testing & Documentation for permission**
- **Cosmetic Raw & Finished Products Testing**
- **Method Development Validation & Transfer**
- **Comparison Dissolution Study**
- **Working Standard**
- **Sterility + BET Testing**
- **Nutritional Value**
- **Residual Solvents Analysis**

- **Pharmaceutical Testing**
 - HPLC with UV, RI and PDA detector
 - Fourier Transfer Infrared Spectrophotometer
 - Gas Chromatography with Autosampler & Headspace
 - UV Visible Spectrophotometer
 - Dissolution Apparatus: 8 bowl and 14 bowl with Autosampler
 - Automatic Potentiometric Titrator
 - Viscometer
 - Disintegration Tester
 - Ultrasonicator
 - Conductometer
 - Karl Fischer Titrator
 - Analytical Balance and pH meter



- **Microbial Testing**

- Media Preparation Room
- MLT Room
- BET Room
- Sterility Room
- Culture Handling Room
- Laminar Air Flow
- Biosafety Cabinet
- Autoclave (Media, Double door)
- Autoclave (Discard)
- Micro plate reader
- BOD incubators (40 – 44 °C, 20 – 25 °C and 30 – 35 °C)
- Colony Counter
- Zone Reader
- Microscope



Elemental Impurities Analysis

Inductive Couple Plasma – Optic Emission Spectrophotometer (ICP-OES)

- Detection of Trace Elements and Heavy Metals
- Elements of risk assessment in API as per ICH Q3D guidelines.
- Batch Analysis of Elements content
- Method Development & Validation



Product Stability Studies

Our stability storage chambers are fully mapped and continuously monitored by a validated, continuous monitoring system

We offer the following ICH stability storage conditions and client specific storage conditions:

- **Stability Testing and Storage**
- **Stability study as per ICH Stability Testing Guidance**
- **Accelerated Stability Testing**
- **Real-Time Stability Testing**
- **Retained Sample Stability Studies**
- **Cyclic Temperature Stress Testing**
- **Conations: 40°C/75% RH, 25°C/60%RH, 30°C/65%, 30°C/75%**



Enoxaparin Sodium & Heparin Sodium Testing Facility (Raw & Finished)

Chromogenic assay for Anti-factor Xa activity
and Anti-factor IIa activity)



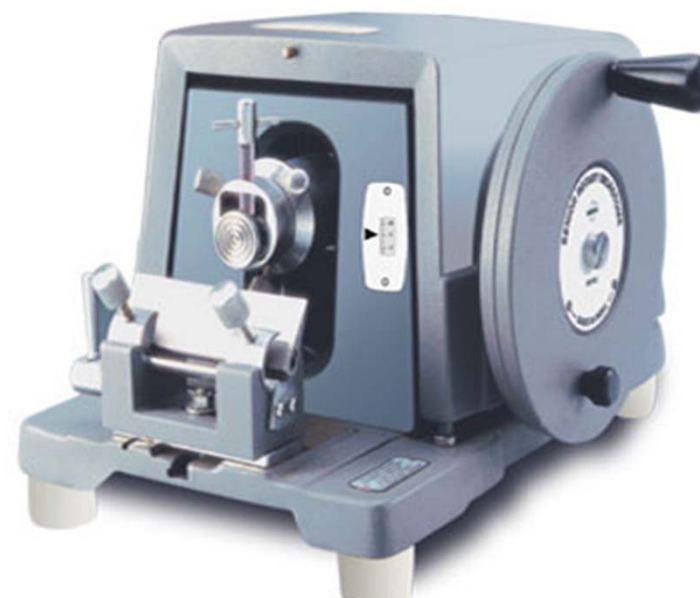
Physicochemical and Chemical Analysis

- Hot air oven
- Analytical Balance
- Soxhlet Extraction Unit
- Heating mantle
- Centrifuge
- Magnetic Stirrer with hot plate
- Hot plate



Herbal and Elemental Analysis

- Friability Tester
- Polarimeter
- Refractometer
- Microscope
- Microtome
- Hardness tester
- Auto Kjeldahl Nitrogen Analyser
- UV cabinet
- Melting Point Apparatus



- **Management**
- **Analytical Development**
- **Microbiology**
- **Quality Assurance**
- **Administration**
 - **Marketing**
 - **HR**
 - **Accounts & Finance**
 - **Store**
 - **Maintenance**
- **IT**

- Experienced and Qualified technical staff
- Senior technical team having 10+ years of experience
- Total employees in laboratory : ~90
 - Analysts: ~40 (including chemical and microbiology)
 - QA personnel : 03
 - Administration personnel: ~40
 - IT personnel : 02

- **Data Integrity is the highest priority**
- **We have ~12 Computer systems for instrument operation, ~22 computers for documentation and ~3 computer systems are connected with server system.**
- **All computer systems are connected with LAN.**
- **Our software (LIMS) is server based operation system and it can be operated from all the systems connected with LAN.**
- **Every chemist and every sample which are entered in LIMS would be allocated to different chemists. Every chemist has their individual login ID and password through which they can access the information.**
- **Rights for different function are allocated to different chemist, different administration team based on their job responsibility and seniority.**
- **All HPLCs are operated with Chromeleon software and all other instrument having their individual software in their system**

- Completed records, formats, documents can be archived upon the request of user department to QA department. Once the request received, QA personnel archive the completed records, formats and documents and it will be kept in designated box with label on the box and this box can be kept in rack for further storage of documents.
- Raw data's like chromatographs, calculation sheets and other documents generated during testing of sample can be archive in the form of OFFICE COPY and this copies can be stored up to 5 years and 1 year extra.
- Electronic data like chromatographs, method, sequence prepared in the instruments can be backed up regularly on Chromeleon server while other electronic data can be archived in different hard drive as per defined schedule of data backup.

Our Clients



Our Clients



CONCORD BIOTECH

Biotech for Mankind...



Bharat Parenterals Limited



**KLM LABORATORIES
PVT. LTD.**



**VAPI CARE
PHARMA PVT LTD**

**S Kant
HEALTHCARE Ltd.**



List of Key Person's

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Mr. Bhavesh Dave	qa@aumresearchlabs.com	9712968107	Quality Assurance

The experts at AUM RESEARCH LABS are ready to assist you. For further information about any of our services, or to obtain a free quotation for your business, please don't hesitate to get in touch.

Thanks you

AUM RESEARCH LABS PVT. LTD.

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