













# **Accreditations:**

- State DCA Approval
- ISO 9001:2015 Certified
- GLP Certified
- NABL Accredited
- USFDA Register
- DSIR Certified













Simson Life Sciences Pvt Ltd is a Govt. approved contract testing laboratory, approved by State and Central Drug Control Authority, ISO 9001:2015, USFDA Registered, GLP certified and NABL accredited providing high quality laboratory services under one roof in the field of Chemical, Instrumentation and Microbiological studies, Food, Water, Blood Banks, International Consultants, Hospitals etc....



To be a leading **Contract research Organization** in India and to become a significant global player by providing high quality, affordable and innovative solutions in **Analytical and research** of pharmaceutical field

#### Mission

We strive to provide a cost effective and time bound Research Products and Solutions in the area of Contract Research Organization (CRO)











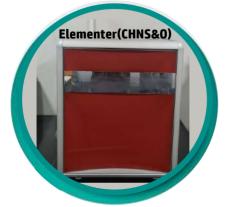
Pept HPLC – Shimadzu

DSC – 4000 Make: Perkin Elmer













#### SERVICES & CAPABILITIES

#### **NMR**

- 1H-NMR
- 13C-NMR
- 19F –NMR
- 31P-NMR
- 15N-NMR
- 29 Si –NMR
- Water & Solvent Suppression
- 1D-NOESY
- > DEPT NMR
- Qualitative & Quantative NMR
- Structural Elucidation
- ➤ Also 2D Experiments......

### **Method Development &** Validation, Verification by

- > LC-MS
- > HPLC
- ➤ GC-HS
- ➤ ICP-MS
- ➤ Partice Size Analyzer (3000-Malvern)
- > Potentiometric Titrator as per the current ICH Guidelines
- ➤ Microbiology, Water Validations samples.

### **CHNS**

- Determination of C,H,N,S&O
- ➤ Identification of C,H,N,S&O

### LC-MS

- ➤ Unknown Impurity Identification
- ➤ Genotoxic Impurities Quantification
- ➤ Isotopic enrichment & D0 content
- Direct Mass Analysis

# **PSD**

- ➤ Wet & Dry Method for API, Intermediates.
- Suspension & Eye Drops particle Size Estimation
- Batch Analysis

## **HPLC: (UV-Visible, RI, PDA)**

- > Assay, RS, Identification, Dissolution.
- Content Uniformity
- Chiral Analysis

# Methodologies

- Pharmacopoeia Standards
- **USP**
- Ph. Eur.
- BP
- JP
- IP
- Client Methods

# **Complete Microbiological Analysis**

- Pharmaceutical
- **Medical Devices**
- Cosmetics
- **Industrial Water**
- **Foods**
- **USP** Suitability
- MLT Testing

- > Sterility Testing
- Water Analysis
- Surface Monitoring
- Settle Plate and Contact Plate Microbiological Assessment of

➤ BET(Water,Raw material,

Bio Burden Determination

Disinfectant Efficacy

> Preservative Efficacy

➤ Active Air Sampling

Injectable, Finish Product)

Personnel Monitoring Antibiotics & Vitamins

# **CHARACTERIZATION & QUALIFICATION**

> Impurity Characterization and Working Standard Qualification will be done by NMR, Mass, IR, TGA, CHNS

### **ICP-MS**

- > Screening
- > Elemental Analysis as per ICH-Q3D
- Batch Analysis

### **GC-HS**

- **Residual Solvents**
- Assay & Related Substances. Identification
- Ethylene Oxide
- 1,4- Dioxin Analysis
- > Fatty Acid Estimation

## Dissolution

- **Dissolution Profile**
- Multi Media Dissolution.

## **TGA**

- Weight Loss by TGA
- Residue On Ignition with Less Quantity

#### **Wet Instruments**

- ➤ IR Spectroscopy
- > UV-VIS-Spectroscopy
- > Water Content by KF
- > Viscosity
- Melting Poing

#### **SOR**

- > Polarimeter
- OR analysis
- SOR analysis

#### **DSC**

> Thermal analysis

## **PrepHPLC**

Isolation

# **STABILITYSTUDIES**

- ICH long term Condition
- ICH-Intermediate Condition
- ICH-Accelerated Condition
- Custom storage conditions can be programmed to meet customer Specific requirements

# **QUALITY ASSURANCE**

- Independent Quality Assurance Unit
- Document Control system
- · Continuous Training and Education
- Study & Facility based Audits

# **REGISTRATIONS & CERTIFICATIONS**

- Approved by State Drug Control Administration
- USFDA Registered (FEI: 3012696012)
- NABL (ISO/IEC 17025: 2005) Certified
- ISO 9001:2015 Certified
- GLP Certified

# **STRENGTH**

- · Highly qualified and well- experienced scientific team
- Facilities for Instrumentation and Microbial monitoring





#### To Reach Us:

## Laboratory:

Shed No, 6A, TYPE III, TSIIC, Prashanthi Nagar, Kukatpally,

Hyderabad – 500072

Tel: 040-40173345, Mob No: 7799711927 / 7799369875

Email: marketing@simsonlabs.com

bd@simsonlabs.com

# **Corporate Office:**

B-307, Sarita Building, Prabhat Industrial Estate,

Dahisar - (East), Mumbai - 400068

Tel: 022-40068689 / 40148689 Mob: 099208 62813

Email: info@simsonlabs.com