



Megsan is an USFDA inspected leading analytical testing laboratory, we focused and committed to deliver testing services to our costumers with excellence in quality, compliance and promptness



# Our Mission, Vision & Values

## Mission

We shall be known globally as a reliable and cost effective and quality testing provider in the Pharmaceutical segment.

## Vision

Be the provider of choice to pharmaceutical & allied industries for experienced and independent testing services

## Values

- ✓ Quality in everything.
- ✓ Developing and working with mutual trust.
- ✓ Fairness in dealing with stakeholders..
- ✓ Commitment towards better health.

# Accreditations & Approvals

- ▶ USFDA Inspected
- ▶ Accredited to ISO/IEC 17025:2005 through NABL
- ▶ DCGI Approved
- ▶ FSSAI Approved
- ▶ ISO 9001 : 2015 Certified



# Services

Pharmaceutical Analysis

Stability Storage & Analysis

Microbiological Testing

# Pharmaceutical Analysis

- ✓ **Method development and validations**
  - ✓ **Batch release testing**
  - ✓ **Dissolution studies**
  - ✓ **Elemental analysis**
  - ✓ **Extractable and Leachable studies**
  - ✓ **Impurity profiling**
  - ✓ **Residual genotoxic impurities**
  - ✓ **Physical characterization**
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# Stability Storage and Analysis

- ✓ 50,000 lits walk in Stability chambers
- ✓ Dedicated ICH conditions:
  - ✓ 25°C/60%RH
  - ✓ 30°C/65%RH
  - ✓ 30°C/75%RH
  - ✓ 40°C/75%RH
- ✓ Additional spare chamber available for specific requirements
- ✓ Online temperature and humidity recording
- ✓ Photo stability chamber as per ICH Q1B – 250 lits
- ✓ -20 freezer & 7000 lits 2-8 walk in cold rooms.



# Microbiological Testing

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- ▶ Microbial Limit Test
  - ▶ Sterility Test
  - ▶ Bacterial Endotoxin Test
  - ▶ Preservative Efficacy Test
  - ▶ Microbiological Assays
  - ▶ Biological Assays
  - ▶ Water System Validations
  - ▶ Disinfectant Efficacy Test
  - ▶ Hand Sanitizer Efficacy Evaluation
  - ▶ Environmental Monitoring
  - ▶ Microbial kill study's



# Key Equipments

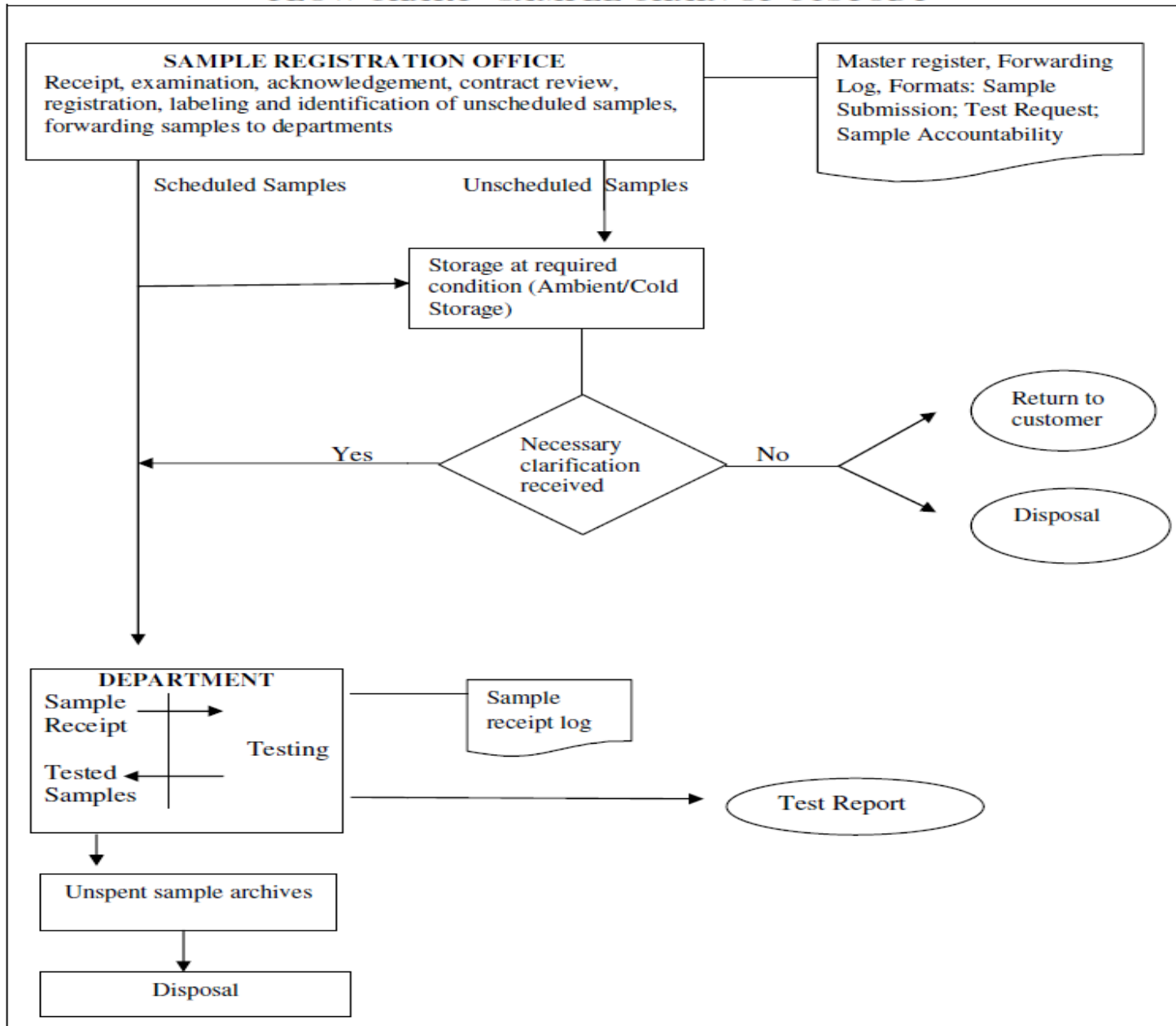
- ▶ HPLCs with multiple detectors like UV Vis, PDA, RI and Fluorescence Detectors with Empower 3 network software

- |                        |             |
|------------------------|-------------|
| ▶ GC-MS- FID / FPD     | ▶ ICP-MS    |
| ▶ GC-HS-MS/MS          | ▶ ICP-OES   |
| ▶ GC-HS FID, TCD & ECD | ▶ AAS       |
| ▶ LC-MS/MS             | ▶ DSC       |
| ▶ Ion Chromatography   | ▶ XRD & PSD |

- ▶ BET-Specific Surface Area Analyser
- ▶ Dissolution apparatus with auto sampler
- ▶ FTIR
- ▶ UV-Visible

- Spectrophotometer
- ▶ Auto Titrators & Karl Fischer Titrator
- ▶ Buchi Soxhlet extraction system

## FLOW CHART - SAMPLE CHAIN OF CUSTODY



# Highlights

- \* GMP compliance testing practice
- \* All equipments & Data management in compliance with 21 CFR Part 11 requirements
- \* 21CFR Part 11 compliance LIMS integrated Sample management system
- \* HPLC's connected with Empower 3, Lab solutions Network servers

# Salient Features

- \* 24X7 centrally air-conditioned facility with uninterrupted power supply
- \* Round the clock surveillance for safety and security
- \* Healthier & safer work space as per safety guidelines
- \* Data archival rooms
- \* Separate storage area for unspent samples
- \* Inhouse De-mineralized water plant

# Manpower

	Qualifications	Strength
Technical Staff	M.Phil / Ph.D	5
	M.Pharm	23
	M Sc	64
	B.Pharm	19
	B Sc.	6
	<b>Total</b>	<b>117</b>
Supporting Staff	CA/ICAI	1
	B Tech/PGDM / MBA	12
	B Sc / B.Com	5
	Diploma & Others	12
	<b>Total</b>	<b>30</b>
	<b>Total Manpower</b>	<b>147</b>

## *Thank You*

For further information on our services, please visit our website

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