

CURRICULUM VITAE

Sakshi Sharma

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CAREER OBJECTIVE:

To pursue a career where hard work, professionalism, commitment and contribution to the organization drive the growth of the individual and obtain a challenging position that will allow me to expand upon my education and continue to accumulate knowledge.

PROFILE SUMMARY

- 5+ years of experience as a Microbiologist, specializing in sterility testing, microbial limit testing, media preparation, and environmental monitoring.
- Expertise in microbial testing techniques including bio-burden testing, sterility testing, and pathogen identification in pharmaceutical and medical device industries.
- Proficient in managing stability studies, dose mapping, SOP preparation, and autoclave validation.
- Exposure to multiple audits such as WHO, NABL, Mankind, and Saudi FDA audits.
- Strong knowledge of microbiological equipment including autoclaves, colony counters, pH meters, and incubators.

WORKING EXPERIENCE & KEY RESPONSIBILITIES:

- **Auxein Medical PVT.LTD. Kundli, Sonipat, Haryana** (14 January 2023 to till Date)
- **Designation: Senior Microbiologist**
 - Perform sterility testing of sterilized orthopedic products.
 - Conduct bio-burden testing to ensure product safety.
 - Perform Bacterial Endotoxin testing of finished products.
 - Manage media preparation, consumption tracking, and stock maintenance.
 - Oversee calibration of lab instruments such as pH meters, heating blocks, and colony counters.
 - Conduct culture suspension preparation, culture maintenance, and preservation.
 - Lead stability studies of products, including both accelerated and long-term stability studies for orthopedic implants.
 - Prepare and maintain Standard Operating Procedures (SOPs) and protocol documentation.
 - Conduct validations such as autoclave validation, bio-burden validation, and media hold time studies.
 - Perform routine temperature monitoring of laboratory equipment such as BOD incubators, refrigerators, and other stability chambers.
 - Manage disinfectant preparation for lab operations.

Additional Responsibilities:

- Lead steam sterilization and gamma sterilization validation and verification studies for orthopedic implants and medical devices.
- Perform dose audit and dose mapping studies to ensure effective sterilization.
- Design and implement test plans, protocols, and procedures for sterility, bioburden, and endotoxin testing.
- Conduct product testing, analyse results, and document findings for audits and internal reviews.
- Oversee Installation Qualification (IQ), Operational Qualification (OQ), and Performance Qualification (PQ) of all laboratory instruments to ensure they comply with regulatory standards.
- Monitor environmental conditions, including temperature mapping of critical lab equipment.
- Provide technical leadership in sterilization processes, ensuring regulatory compliance and best practices are maintained in lab operations.

- **Mediforce Research Pvt. Ltd (Group of Mankind Pharma. Ltd.)** **30 October 2021 to 18 August 2022**
Himachal Pradesh.

➤ **Designation: Senior Microbiologist**

- Media preparation, media sterilization, disposal of media.
- Media consumption, issuance, stock maintenance
- Microbial Limit Test of Raw materials finished product by Filtration Method & Pour Plate Method.
- Pathogen Testing.
- Microbial Limit Test of purified water and water for injection and raw water.
- Growth Promotion, inhibition test of media.
- Environmental monitoring by Settle plate, Contact Plate, Finger dabbing.
- Culture, Subculture, Culture Storage.
- Culture maintenance, Culture preservation and preparation of master culture monthly culture and weekly culture from mother culture, Preparation of culture suspension
- Staining methods Gram' stain, Acid fast stain, modified acid fast stain, lacto phenol cotton blue (fungal staining)
- Confirmatory biochemical test such as (coagulase, oxidase, catalase, indole)
- Media holds time study.
- Lactobacillus Assay.
- Antibiotic Assay.

- **Vellinton Healthcare Himachal Pradesh.** **09 December 2020 to**
20 October 2021 **Designation: Executive Microbiologist**

- Media preparation and Consumption
- Autoclaving of Culture Media
- Calibration of Ph Meter
- Disposal of Culture Media
- Sterility testing of Raw material & Finished products.
- Culture, subculture, Culture Storage.
- Culture maintenance and Culture preservation and preparation of master culture monthly culture and weekly culture from mother culture, Preparation of culture suspension.

- **Gnosis Pharmaceuticals Pvt. Ltd. Himachal Pradesh** **19 SEPTEMBER 2018 to 25 NOVEMBER 2020**

➤ **Designation: Offier Microbiologist.**

- Media Preparation.
- Autoclaving of Media.
- Disposal of Culture Media.
- Microbial limit testing of Raw material and Finished products.
- Microbial limit testing of Purified water.
- Area Monitoring, Temp & Rh monitoring.
- Temp mapping of Lab instruments.
- Fogging.
- Disinfectant Preparation.

➤ **Educational Qualification-**

- Masters of science in Microbiology At C.S.J.M. University Kanpur Uttar Pradesh in the year of 2019 with 61.45% .
- Bachelor of science in Biotechnology at C.S.J.M. University Kanpur Uttar Pradesh in the year of 2017 with 56.5%.
- Intermediate from U.P Board in the year of 2013 with 78.8%.
- High School from U.P Board in the year of 2011 with 59.5%
- 06 Months Internship Traning in Indian institute of Liver and Biliary Sciences, New Delhi.

➤ **Audit Exposure:**

- WHO audit.
- Yaman Audit.
- Mankind audits.
- NABL .
- BSI.
- Saudi Arab FDA.
- DNV.
- DQS.
- MDSAP.

➤ **Knowledge Of Microbiological Instruments:**

- Horizontal & Vertical Autoclaves.
- Colony Counter.
- Hot Air Oven.
- Weighing Balance.
- PH Meter.
- Water Bath.
- Bacteriological & BOD Incubator, Stability Chamber
- Microscope.
- Laminar Air Flow.
- Bio Safety Cabinet
- Vortex Shaker
- Antibiotic Zone Reader
- Fogger
- Heating Block

TECHNICAL STRENGTH:

Computer Fundamentals.

Microsoft office [MS Word, MS Excel, Ms PowerPoint].

Internet Awareness.

CORE STRENGTH:

Self-motivated and hard working.

Always ready to learn new things.

PERSONAL DETAILS:

Name: Sakshi Sharma

Father' s Name : Mr. Mukesh Sharma

Mother' s Name : Late Mrs, Madhavi Sharma

Date of Birth: 27/12/1995

Nationality: Indian

Marital Status: Single

Language: English, Hindi

DECLARATION:

I do hereby declare that the above information is true to the best of my knowledge.

Place:

(Sakshi Sharma)

Date: