

EPIC INFORMATION TECHNOLOGY SPECIALIST

Summary

Seeking a position in the field of Bio-Pharma where I can utilize and contribute my skills in an ingenious manner.

Skills

- Microbial testing, endotoxin- LAL Test.
- Nano particle Size and Charge analysis by Malvern Nano ZS 90.
- Protein extractions.
- HPLC handling and Chromatography techniques.
- Polymerase chain reaction (PCR) technique.
- EPIC care.
- Experienced in Method development, Method Validation, Method verification and Method transfer of new analytical methods
- Wet chemistry techniques. MS office, Efficient Internet Browsing, SAS programming, EPIC care.

Experience

04/2017 to 06/2017

EPIC Information Technology Specialist Company Name - City , State

- Supported physicians and nurses with updating work list and flowsheet information.
- Provided instructions to staff on the use of EPIC Care.
- Provided support during the go-live.
- Nanotechnology THz biological imaging.

01/2016 to 11/2016

Research Associate Company Name - City , State

- Study of Tera Spectra and Tera imaging.
- Analytical testing and method development and method validation.
- THz imaging for nanotechnology: The relationship between nanotechnology and THz is bidirectional, in the sense that the concurrent developments can contribute to both technologies.
- THz modalities have helped the expansion of nanotechnology.
- Maintenance and Calibration of Analytical Instruments such as HPLC, UPLC, UV, FT-IR, Dissolution apparatus, pH meter and analytical balances.
- Nanotechnology could help in the development of high-resolution, sensitive and portable detectors and new efficient sources for THz imaging purposes.
- Capillary electrophoresis (CE) methods used in submillimeter diameter capillaries and in micro and nanofluidic channels.
- Performed the Biotechnology techniques cytogenetics and PCR methods.
- Created Standard Operating Procedures (SOP) for instrumental analysis.
- Fundamental lab procedures including pipetting, buffer preparation, weighing.
- Recorded laboratory data and graphed the results to identify significant variations.
- Prepared reports complying with FDA, ISO, cGMP and internal regulations; and coordinated material, instrument and process validations.
- Maintained lab set up by ordering common supplies and chemicals.
- Titanium dioxide nanoparticles with blank terahertz scanning reflectometer.

11/2013 to 12/2015

Company Name - City , State

- Determine their thickness profile.
- Analytical testing and method development and method validation.
- Confirming the ability of this technique to resolve small variations in TiO₂ layer thickness and consequently adsorption.
- Capillary electrophoresis (CE) methods used in submillimeter diameter capillaries and in micro- and nanofluidic channels.

- Chromatographic techniques (GC).
- Developed new analytical methods based on testing results.
- Created Standard Operating Procedures (SOP) for instrumental analysis.
- Performed a variety of technical laboratory functions in the operation and maintenance of laboratory equipment calibrating.
- Prepared reports complying with FDA, ISO, cGMP and internal regulations and coordinated material, instrument and process validations.
- Maintenance and Calibration of Analytical Instruments such as HPLC, UPLC, UV, FT-IR, Dissolution apparatus, pH meter and analytical balances.
- Fundamental lab procedures including pipetting, buffer preparation, weighing.
- Essential to develop a new compound of antibiotics.

12/2010 to 04/2012

Research Associate Company Name - City

- Isolation, identification, Bioprocessing and characterization of secondary metabolites from the soil screened microorganism.
- Screening of soil actinomycetes from the different soil samples.
- Taxonomical studies for antibiotic producing isolates.
- Morphological and cultural characterization.
- Total genomic DNA isolation & PCR & Cloning of polyene CYP gene (cytochrome P-450 hydroxylase).
- Bioprocessing for antibiotic production.
- Biological activity such as Antimicrobial activity, cytotoxic activity, Genotoxic activity.
- Research will be constant requirement for new antibiotic compounds to overcome the resistant capacity in microorganisms.
- Fundamental lab procedures including pipetting, buffer preparation, SDS-PAGE, tissue culture, RNA/DNA manipulations.
- Achievement.
- GOLD MEDAL for securing highest marks in Master of Pharmacy, JSS College of Pharmacy.
- Awarded cash prize for M.
- Pharm Dissertation work by "TAMILNADU PHARMACEUTICAL WELFARE TRUST", 2013 Seminars/Workshops attended.
- Participated in "Indo-European Symposium on Alternative Approaches to Animal Testing" on Dec.8, 2010 at JSS College of Pharmacy, Ooty.
- Participated in "national workshop on potentials of medicinal plants of Nilgiri Biosphere reserve" on December 8-10th, 2011 at JSS College of pharmacy, Ooty.
- Indian Pharmaceutical Student Congress-2009 held in Bangalore.
- Indian pharmaceutical congress-2011 held in Bangalore.
- Experimental skills.
- Basic Biotechnological experiments (in-vitro and in-vivo).
- Skillful in handling cell-lines.
- Mammalian Cell Culture).
- Aseptic handling of Micro-organism.
- Electrophoresis Gel-documentation Techniques.
- DNA isolation and RNA/DNA/protein extractions.
- Operational knowledge of analytical instrumentation like HPLC, GC, LC/MS, UPLC, TLC,.
- FTIR, UV-VIS spectrophotometer, and KF coulometer,.
- Wet chemistry techniques.

Education and Training

August 2012

Master of Pharmacy : Bio Technology JSS College of Pharmacy - City India Bio Technology 3.80/4.0

May 2010

Bachelor of Pharmacy Kakatiya University - City India 3.60/4.0

Skills

Epic go-live, Basic, Biotechnology, Calibration, Cell Culture, chemistry, Dec, DNA, documentation, ELISA, experiments, FT-IR, FTIR, GC, HPLC, imaging, ISO, laboratory equipment, MS office, PAGE, PCR, producing, programming, requirement, Research, SAS, scanning, Seminars, SOP, Symposium, UV, Validation, weighing, Workshops