DEEPAK KUMAR BEHERA

ANALYTICAL DEVELOPMENT - DEPUTY MANAGER

PROFILE

- Experienced and resourceful Analytical Development Research Scientist offering outstanding skills in experimental design, method validation/ verification, method transfer and documentation for FDA approval.
- Strong leadership, capable of managing technical personnel and training teams in research procedures and mentoring for achievements.
- Impurity method development for solid, semi-solid and liquid oral dosage forms. Assay method development for solid and liquid oral dosage forms. Performed forced degradation studies for drug substances and drug products. Preparation of method development summary report. Isolation and determination of unspecified impurities from drug products.
- Dissolution method development activity of solid dosage forms for various markets.
- Preparation of Method validation protocols. Method validation for Impurities, Assay, Residual Solvents, Dissolution and Particle size distribution. Stability study of drug product as per cGMP.
- Extremely knowledgeable in overall laboratory function, maintenance and project activities in relation to availability of resources and timelines.
- Preparation of RAW material, Finished product, In-process and Stability specifications. Preparation of Standard operating procedure for instruments and equipment. Preparation of stability study protocol.
- Effective written and oral communication skills to provide clear and concise information based on scientific research findings to team members and other research/scientific teams.

CONTACT

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Nationality
Indian

Place of Birth
Talcher Thermal, Angul

Date of Birth
10-05-1987

SKILLS

Team Leadership

EDUCATION

Bachelor of Science (Hons) in Bio-Technology (BT-BT), Allahabad Agricultural Institute ofDeemed University, Allahabad

Aug 2004 - Aug 2008

Higher Secondary Examination, G.R College, C.H.S.E, Santhapada, Angul

Mar 2002 - Mar 2004

High School Certificate Examination, Talcher Thermal High School, B.S.E., Talcher Thermal, Angul

Mar 2001 - Mar 2002

EXPERIENCE

ADL - Deputy Manager, Zydus Life Sciences Ltd. (ZRC), Ahmedabad

May 2015 - Present

JOB SYNOPSIS:

• Provided research and technical leadership within the analytical team on multiple projects in development of drug substance and drug product.

• Planned and organized work of teammates on projects based on priorities, expertise and timelines.

• Developed, validated/verified and successfully transferred methods using HPLC, UPLC and GC from the originating lab to the receiving lab (Other Mfg. Sites/Loan license sites)

Team Collaboration

Project management

Excellent people skill

Method development, Validation & Transfer

Quality data review and GMP Document approvals

GMP Documentation, Protocol and Report writing

Data Integrity and Lab compliance

Writing/Editing/Revising Standard Operation procedures

Expert problem solver and Troubleshooting

Investigations and Corrective Action Execution

Extensive Organization skills and Time management

Project Risk Assessment and Critical Thinking

Skilled Technical Mentor

Good Documentation Practices

HOBBIES

Surfing Internet, Photography and Hiking

LANGUAGES

English

Hindi

Odia

Gujarati

- Method development and validation for Assay, Related substances and Residual solvents for Active Pharmaceutical Ingredients.
- Method development and validation for Assay, Related substances, Dissolution, Residual solvents and Cleaning validation for Pharmaceutical Drug Products.
- Authored analytical methods, protocols and reports for drug analysis-Assay, Impurities, Chromatographic purity and Chiral analysis.
- Provided project updates and clarifications in team meetings.
- Worked closely with quality and regulatory affairs to meet project technical document requirements that led to successful product submissions.
- Reviewed technical documents, laboratory notebooks and data files as per GMP, ICH and good documentation guidelines.
- Mentored and supervised junior scientists in developing methods and troubleshooting.
- Frequently made presentations on technical issues and new technology trends,
- Successfully responded to regulatory agency incomplete letters.
- Continuously utilized expertise and chromatographic knowledge including troubleshooting impurity identification and peak resolutions.
- Management of stability department (e.g. Preparation of stability study protocols, Stability product inward and outward updation, maintaining the trend sheets based upon different markets and trials.
- Review, Verification and management for calibration of various analytical sophisticated instruments and maintaining their records as per cGLP norms.
- Attended industry conferences to get updated on new technologies and analytical laboratory excellence based on agencies trends in industry data integrity.

Analytical - Senior Executive, SAVA Healthcare Ltd., Surendranagar

Apr 2012 - May 2015

JOB SYNOPSIS:

- Analytical method development, method validation, Process validation, Cleaning Validation, Dissolution F1-F2 Studies (Assay, CDPA, Related Substance, CU and U.O.D)
- Analysis of Finished products, In-processed samples, Raw materials, Stability samples.
- Experienced in using HPLC, UV-Vis Spectrophotometer, FTIR, Dissolution Apparatus, Karl Fischer Apparatus and other sophisticated instruments.
- Conduct routine analysis for Tablets, Capsules, Nasal Spray, Ointments, Oral Suspensions, and Veterinary samples.
- Preparation and Maintaining of Specifications, Analytical Method Validation Report, Process validation Report, Stability Study Protocols, STPs, SOPs, Worksheets, COAs and Summary Reports.

Research Associate, Ventura Biosciences Pvt. Ltd, Hyderabad

Sep 2008 - Dec 2011

JOB SYNOPSIS:

- Analyzing of various pharmaceutically formulated drug Products, Intermediate drug substances and biological samples on RP-HPLC and UV-VIS Spectrophotometer.
- Review and prepare Protocol and Report of Analytical Method Validation as per company and regulatory requirements.
- Maintaining SOPs, STPs, RSTs, COAs and Log Books for various Research Activity and Audit Purpose.
- Calibration & Troubleshooting of various sophisticated analytical Instruments like HPLC, UV-VIS Spectrophotometer, Weighing Balance and pH meter.

- Preparation and maintenance of Reference standards and working standards as per IP/BP/EP/USP.
- Preparations of Instrument operating procedures for all instruments and equipment.

REFERENCES

Mr. Vikramkumar L Patel

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