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Astute Quality Chemist with 4+ years of experience in Quality Control & Assurance, Research and Development, and Compliance, with renowned organizations like Sarda Biopolymers, SGS and Mylan India. Intellectually Agile professional with expertise in staying abreast of the biotechnology landscape.

EXPERTISE

Quality Control & Assurance
Compliance
Biotechnology

Research and Development
Data Management
MS Office

Testing
Reporting
SAP - ERP

PROFILE SUMMARY

- Amongst my peers, I am regarded as a result-oriented leader with practical exposure to steering **testing procedures, laboratory management, and QA/QC functions**.
- Implementing **regulatory standards, SOPs**, etc., consistent with **cGMP/GLP**.
- Pivotal in performing laboratory analysis, monitoring microbial cultures, and samples and relentlessly enhancing **the laboratory's overall productivity and efficiency**.
- Efficacious in coordinating audits like **FSSAI, NABL, USFDA, TGA, EMEA, General Mills, HALAL**.
- Credentials in leading **routine analysis** of the finished product, in-process blend or other samples as per established specifications/procedures using laboratory apparatus.
- Exceptional communication, presentation & interpersonal skills with proficiency at grasping new concepts quickly & productively utilising the same.
- **Industry Exposure** - Pharmaceuticals, Cosmetics and Food industry.

SKILLS SET

- **Worked with instruments** like HPLC, UPLC, GC, Protein Analyzer, Dissolution Unit, Karl Fischer, UV Spectrometer, Viscometer, IR Spectroscopy, IR Moisturizer, Tablet Disintegration, Determination of oil content by Soxhlet method.
- **Conversant with:**
 - ✓ HPLC Analysis of Tablets by Assay Method and Content Uniformity Method.
 - ✓ HPLC Analysis of Blend by Assay Method and Blend Uniformity Method.
 - ✓ Swab Analysis by HPLC and UPLC.
 - ✓ Creams and Gels analysis by HPLC
 - ✓ Dissolution Method for Tablets and Pellets by HPLC analysis.
- **Worked on Products:**
 - ✓ Sarda Biopolymers - Food Grains like Hemp, Watermelon, Carobe, Guar Seeds and Oil
 - ✓ SGS - Client Johnson & Johnson for Cosmetics, Creams Gels, and Finished Pharma Products
 - ✓ Mylan - Finished Product and In-process Blend

QUALIFICATION

Master of Science - Biotechnology | Devi Ahilya Vishwa Vidyalaya University, Indore, MP | 2020

MBA - Bioscience | Pravara Institute Of Medical Sciences, Nashik, Maharashtra | 2012

Bachelor of Science - Industrial Microbiology | Devi Ahilya Vishwa Vidyalaya University, Indore, MP | 2010

Certification: PGD in Content Medical Writing | Henry Harvin Institute 2022

ACADEMIC PROJECTS:

- Preservation of Microorganisms by Lyophilization & Cryopreservation
- Post Approval Variation in EU as part of Management Program

PROFESSIONAL WORK EXPERIENCE

Sarda Biopolymers | Research Executive

Jan 2022 - Jan 2023

Throughout, spearheaded **extensive research and development analysis** involving analytical tests and experiments on diverse food-grade grains to acquire a thorough idea of their natural properties.

- **Scheduled, prepared, conducted and reported Global Quality audits and assessments of commercial operations**, internally (contracted) to assess the level of compliance with company standards, policies, practices and procedures and current regulations and guidelines.

- **Participated in or lead the risk assessment of commercial operations.**
- Looked after the quality standards, quality manuals, policies, procedures, and tools.
- Contributed to mock inspections, as appropriate.
- **Driven the escalation of any compliance issues** or significant risks identified during audits or when conducting a risk assessment.
- Influenced internal and external customers and partners when improvement needs are identified.
- Participated in or lead improvement efforts, including operational projects.
 - ✓ Utilized protein analyser to identify the amount of protein in samples.
 - ✓ Monitored gas chromatography to separate and analyse compounds present in a mixture.
 - ✓ Facilitate product registration process by conducting thorough physicochemical testing.
 - ✓ Execute comprehensive routine & microbiological testing procedures.
 - ✓ Carry out analysis of Amino Acid Profiling by HPLC for various food grains.
 - Testing of anthraquinones by HPLC method for wheat germ oil.
- **Reporting** - Draft and maintain reports and documents accentuating key details of procedures and developments.

*Career Break: **Master of Science - Biotechnology***

SGS India | Senior Quality Control Chemist

Jan 2015 – Oct 2015

Played a pivotal role in working with solid dosage, semi-liquid and liquid solutions, performing chemical testing procedures required to review and maintain quality control and assurance of products and compliance with internal and regulatory requirements.

- **Testing** – Carried out quality tests on the finished and in-process samples to ensure the production of high-quality goods.
- **Laboratory Operations** - Investigated and analysed the laboratory's day-to-day functions to facilitate timely identification and resolution of any deviations or obstacles as per internal SOPs under the direction of the QC Manager.
 - Ensured timely maintenance & renewal of various laboratory equipment.
- **Quality Control** - Assisted the QA / QC personnel in implementing the enhanced standard testing procedures and specifications.
- **Cross-functional Collaboration** - Liaised with departments and ensured strict adherence to Good Manufacturing Practices (**cGMP**) and Good Laboratory Practices (**GLP**) as per the in-house SOPs.

Mylan India | Senior Quality Control Chemist

Dec 2012 – Jul 2014

Significantly contributed to the analysis of pharmaceutical products and Quality Control (QC) testing for finished products.

- **Performed physical examination, assay, dissolution and content uniformity, and blend uniformity** by HPLC, UPLC and UV/VIS.
- **Operated, maintained, and tested laboratory equipment** (Autotitrator, FTIR, UV-VIS, Polarimeter, Refractometer, etc.); identified problems when equipment fails and conducts or recommends repairs.
 - Worked regularly with HPLC and GC instruments and dissolution machines.
- **Process Improvement** - Identified and recommended improvements to processes to maintain quality, cost-effectiveness, safety compliance, and other parameters.
- **Reporting and Documentation** - Drafted and distributed laboratory reports detailing results of testing and analysis.
 - Maintained documentation for each project assignment; reviewed reports written by subordinate staff for accuracy and compliance with professional standards.

OTHER PROFESSIONAL ASSOCIATIONS

- Project Trainee | IPCA (Biotech) Maharashtra, Mumbai | Feb 2020 - Feb 2020
- Medical Insurance Intern | Life Care Hospital, Indore | Sep 2018 - Dec 2018
- Customer Relation Support | Aster Hospital UAE, Dubai | Apr 2016 – Feb 2017

PERSONAL DETAILS

Nationality - Indian | **Passport Number** - N1691850 | **Date of Birth** - 26th February, 1989
