

CURRICULUMVITAE

Mr. SHEKHAR SANJAY BHILARE

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Objective

To obtain a responsible & challenging position with a progressive company where my workexperience will have valuable application and utilization of my opportunity for advancement.

Summary

- More than 11 years of experience in testing laboratory.
- Operational Knowledge of analytical instrumentation operation and wet analysis
- Review data and report verification

Education Qualification

Course	Institute& University	Year
BSc. Biotechnology	Mumbai University	2014
H.S.C.	State board	2010
S.S.C.	State board	2008
MS- CIT	MKCL	2008

Additional Qualification

Operating Systems known:- MSCIT, Browsing Internet, Ms Office

Extra Curricular Activities.

- NSS Cadet I Y COLLEGEMUMBAI.
- Worked as committee Member in an Intra College Festival. "Phoenix
- **(JUNE2015) APEDA, Training in NRL Pune related sampling of export material likegrapes, peanut, okra, for testing, Aflatoxin, pesticide residue. Sampling on field**
- **GFLP (GOOD FOOD LABOROTRY PRACTICE) training through fssai in spices board Navi Mumbai (Feb2019)**
- **Attending two-day training on lcms in Shimdzu.**
- **Attending training on GCMS in Agilent**

Audit Handle:-

- 6 NABL Audi
- 3Bis Audit
- 3Apeda &1 EIC audit successful handle

Professional Experience

● Testtex India Laboratories. (Food Dept.)

Working (Duration; March 2014 to December 2015)

Job profile

- Analysis of Wet analysis in all commodities like dairy product, oils, bakery product, sugar and sugar confectionary, spices and condiments, alcohol and beverages etc. as per FSSAI manuals and Indian standard methods like
- Analysis of Moisture fat, Protein, ash, crude fiber, acid insoluble ash, sugar in all type of food matrix Analysis of water testing as per IS14543 and IS10500
- Analysis of preservative, sweetener additives
- Analysis of ethanol methanol content in alcoholic beverages,
- Analysis of fatty acid profile (mufa, pufa, sat. fat trans-fat) & cholesterol
- Analysis of adulterant oil and milk
- Handling and calibration of uv spectrometer, hplc, flash point apparatus, GC fid

● Microchem Siliker (Meruix Nutriscience) Pvt. Ltd. (Instrumentation Dept.) Working

(Duration; January 2016 to June 2016) as a senior chemist,

Job profile

- Handling and calibration trouble shooting of HPLC
- Analysis of preservative, sweetener additives, vitamin
- Analysis of peanut aflatoxin Apeda
- Sample preparation for Gcms, Lcms EIC Apeda (chilly, okra grapes) for pesticide residue

● Bee Pharma Testing Lab.

Working (Duration; July 2016 to August 2024) as senior chemist.

Job profile

- Handling and calibration trouble shooting of Hplc, Gcfid, Gc-ms, Lcms
- Analysis of preservative, sweetener, additives, vitamin, NOTS,
- Analysis of peanut aflatoxin Apeda
- Pesticide residue in all matrix on GC-MSMS & LC

● Aarav flours and fragrance Pvt Ltd.

Working (Duration; August 2024 to till date) as senior chemist.

Job profile

- Handling and calibration trouble shooting of Hplc, Gcfid, Gc-ms,
- R & d and production sample inject and monitor reaction
- Operate and maintain GC-MS instruments with hands-on expertise, ensuring optimal performance and reliability.
- Analyze and interpret GC-MS data to identify and characterize chemical compounds in various sample types.
- Conduct GC-MS analysis for R&D samples, QC samples
- Record, organize, and archive analytical data systematically for traceability and future reference.
- Assist in method development and optimization for improved identification and quantification accuracy.

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- Support data integration with R&D and QC teams for formulation verification and quality investigations.
- Maintain records of instrument maintenance, calibration certificates, and analytical documentation
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- Prepare detailed analytical reports and summaries using MS Excel and other documentation tools.
- Create and maintain internal databases of spectra, chemical references, and analytical results.
- Maintain confidentiality of all proprietary analytical data and formulations.
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- Perform instrument calibration, routine maintenance, and troubleshooting to ensure data accuracy and consistency.
- Update and refine internal GC-MS spectral libraries for captives, essential oils, aroma chemicals, and reference materials.
- Review analytical trends and instrument performance logs and propose preventive action

Skill Set

- **Familiar with compliance required for safety and regulatory.**
- **Operational, maintenance troubleshooting, Knowledge of analytical instrument like.**
 - U.P.L.C(Agilent- 1290 Infinity) (OpenLab- EzChom)
 - H.P.L.C (Waters- Alliance e2695)-Empower3
 - U.P.L.C (Waters- Acquity H class) Empower3
 - U.V.- visible Spectrometer (Thermo- Scientific -VisionPro& AgilentCarry-60)
 - G.C.- F.I.D (Agilent- 7890B)- (OpenLab- EzChom)
 - Varian GC-FID (CP – 3800) Galaxy Software
 - GC -MSMS Triple Qude method development, validation, troubleshooting.
 - LC-MSMS Waters XEVO TQD handling
- **Handling CRM, preparation of standard solution.**
- **Preparation of sop.**
- **To perform daily duties as per Standard operating System**
- **Maintaining document of daily analysis**
- **Preparation of chemical reagent required for daily analysis.**
- **Perform method development and validation as per requirement of customer and regulation**
- **Documentation and technical report writing and report verification**
- **Preparation of validation protocol and measurement of uncertainty calculation**

Role and Responsibilities

This role ensures that all requirements are fulfilled for a Chemist

- Developing establishing and validating analytical testing methodology used to control raw materials, production intermediates,
- Preparation according to B.P, I.P, AOAC, IS
- Handling customer complaints for root cause analysis, suggesting corrective actions & implementing the same.
- Identify and select service vendor for chemical, Calibration and external testing in consultation with Management.
- Follow and maintain Food Safety (ISO 22000) & ISO 17025 system.
- Determination of pesticide residue on GCMS, LCMS in all food matrix
- Determinations of unknown impurity in pharm product on GC-MSMS
- Calibration of instruments according to SOP's
- Writing Technical reports to documents analytical method and review them.
- Result entry & authorization, allotment of parameter in LIMS Software.
- Equipment breakdown history and looking after maintenance status

Personal Details:-

- Strong communicational and interpersonal skills.
- Quick learner, able to grasp new ideas, concepts and method.
- Ambitious and flexible with an ability to adapt to changing environments.
- Diligent and always looking forward to learn something new.
- Able to help senior to conduct various tests.

Personal Details:-

- Gender : - Male
- Date of Birth : 25th January 1992
- Cast : - Hindu Maratha
- Nationality : Indian
- Marital Status : - Married
- Language Known: - Marathi, Hindi, English
- Native Place : At post Bhilar Tal. Mahabaleshwar Dist- Satara

Declaration

I hereby declare that all the information stated above is true to the best of my knowledge

Date -18.02.2026

Yours Faithfully
(Shekhar Sanjay Bhilare)