

Yuvaraj Vithal Kokane

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## HOD-Q.C, R&D

21+ years of rich experience in Q.C, R&D including 9+ years in Bulk drug and Pharma Formulation

Targeting assignments in Quality Control, R&D, and Process Development with a leading organization

### Key Skills

~Process Development & Route Scouting ~Basic & Detail Chemistry ~Quality Control Documentation  
~Instrumental Analysis ~Chemical Analysis ~Production Planning Control & Scheduling ~Wet Chemistry  
~ R & D, Scale Up & Implementation ~Document Review ~Manpower Management ~Inventory Management ~GLP  
~Team Management ~Quality Management ~Calibration ~Safe Lab Practice ~Metal Purification and Recovery

### Knowledge Purview

#### Quality Control, R &D, Process Development Skills

- **Operation & Calibration Instruments:** HPLC, GC, ICP-OES, OES, KF Titrator, Dissolution Apparatus, UV Spectrometer, IR Spectrometer, Friability test Apparatus, Surface Area analyzer, Viscometer, Balance, pH Meter, Oven, Melting Point Apparatus, Hydrogenation
- **Method Development & Validation of HPLC, ICP-OES, GC**
- **Refining and Purification of Precious and Non Ferrous Metals ( Au, Pt, Pd, Ru, Ag, Rh, Sb ,Pb, Cu)**
- **Well versed with Operational Strategy and Implementation**
- **Maintains, calibrates, validates, monitors and troubleshoots Analytical laboratory instruments**
- **Worked in accordance with approved methods, SOPs, and cGMP's/GLPs, while performing tests**
- **Prepared standard reagent solutions as required by the test methods**
- **Worked in Cross functional team environment**

#### Software Skills

- **Process operation:** iTeva, Winchrom, Total Chrom Navigator, Turbo Chrom, Empower-3, SAP QM Module, Bliss
- **Microsoft Office Tools such as Word, Excel and PowerPoint, Internet Application**
- **Operating Systems: Windows (XP, 2000, 2007 & 2010)**

#### Area of Proven Performance

~Gas Chromatography ~ Wet Chemistry & Separation Technique ~ in-Process Checks ~ Written & Oral Communication  
~HPLC, Laboratory Instrumentation, cGMP, ICH, FDA, FTIR, Task prioritization ~ Trouble shooting complex issues

### Organizational Experience

#### Since Nov'22 with Axora Resources Ltd, Srikalahasti, Andhra Pradesh as Head- Quality Control, R&D

##### Responsibilities:

- Responsible for Documentation and Review of Document, Allocation and Distribution of work to team.
- Method development, Calibrated, Trouble shooted ICP- OES and OES
- Visited to customer site for resolving technical problems
- Worked on Vendor Development, Customer audit, Planning Capex & Review, Coordination between cross function to complete projects
- Monitored quality of per SOP and conduct batch testing, Managed and review quality of the products manufactured
- Implemented sustainable manufacturing processes to ensure highest standards of product quality
- Understand customer's requirements and coordinate employee efforts between management and the production teams
- Maintain record of all testing results in timely manner and perform computations leading to accurate data reporting
- Maintained plant GMP's and safety guideline to maintain a clean and safe work area at all times
- **Team Handled 15 Chemist**

#### March'22 – Nov'22 with Vineeth Chemicals & Precious Catalyst Pvt Ltd, Vasai, Mumbai as Technical Advisor R&D

##### Responsibilities:

- Responsible to meet the objective of organization by providing the technical support, Documentation support
- Performed document updating (SOP, Method Analysis, Technical Specification, Analysis Procedure)
- Update the technical document with respect to product
- Prepared New Product Documents like Specifications, Protocol, MOA, Labels as per the new product and upload in SAP
- Support ISO documentation, SOP, Handling instructions, Formats
- Developed setup and procedure for Tetrakis (triphenyl phosphine) Palladium
- Advised and developed procedure for Ruthenium recovery and purification
- Performed analysis of Raney Nickel Catalyst (for Assay, Settling Property, Chloride, Sulphate, pH, Activity Rate, Bulk Density)
- Performed analysis of Metal Alloy Powder for Raney Nickel Catalyst
- Performed analysis of Raney Nickel catalyst for Ni, Al, Fe, Cr estimation
- Performed regeneration of Raney Nickel Catalyst
- **Team Handled 12 Chemist**

**Nov'19- Feb'22 with Farhan Industry (Specialty Chemical & Catalyst Division), Ambarnath, Mumbai as a Technical Manager (Q.C, R&D, Marketing, Production)**

**Responsibilities:**

- **Gravimetric & Instrumental Analysis** - Gold, Silver, Palladium and Platinum metals
- Design and execution of experiments for Catalyst Synthesis and Screening
- Conducted literature search and maintain up-to- date knowledge of current method of experimentation
- **Conducted regular follow up of all prospective client through email and calls**
- **Planned and implemented business strategy, identified key market opportunities, maintained good relationship to customer**
- Prepared Technical documents, Project Proposal, Investigated issues, analyse root causes & defined resolutions
- Developed standard procedure to Quality and Efficiency
- Performed **synthesis of catalyst, Salts, Ligands** from Precious metals, Refining & Purification of metal
- Daily management of Lab, Plant & R&D activity, **manpower management, allocation of jobs**, leading, motivating and training a team, maintained **documents** for audit purposes
- Represented & promoted the business at all the appropriate technical/business meetings
- Prepared expenditure for the departmental annual budget and made recommendations for capital items
- Plan material, resources, staffing, work flow
- Develop work procedures as needed and improve productivity through continuous improvement projects
- Identify and mitigate risks to personnel, safety, environmental protection, equipment and production
- Perform daily equipment, site inspections to identify, maintained & correct any unsafe conditions
- Ensure production plans are executed effectively and monthly production targets are achieved
- **Team Handled 5 Chemist**

**Dec'11-Nov'19 with Modicon Pvt Ltd (Specialty Chemical & Catalyst Division), Navi Mumbai as Assistant Manager (Q.C \ R&D)**

**Responsibilities:**

- Performed **Chemical and Instrumental analysis** of Palladium, Platinum, Silver, Gold, Copper
- Performed **maintaining documents, manpower management, and allocation for of jobs**, leading, motivating, and training a team for audit purpose.
- Performed **synthesis, development of Catalyst Salts, Organometallic** complexes from precious metals & Refining& Purification
- Analyze activated **carbon, Catalyst** for Surface Area, Pore Volume
- **Joint Analysis** on client site
- **Literature search and document review** for product development
- Testing of Catalyst by Hydrogenation
- Ensure optimization of available resources and work done by Staff/ Operator in order to achieve maximum output
- Ensure maintenance activities during plant running & shut down
- **Inventory Management of Precious metals, Catalyst and Chemicals**
- Ensure the manufacturing & filling / packing operation as per instructions given in **BMR**

**Team Handled 10 Chemist**

**Previous Experience**

**Responsibilities of Previous Organization:**

- Performed sampling and analysis of raw materials, packing materials, in process, finished, stability, process validation, and hold time study samples
- Performed analysis, qualification, validation of Water samples
- Prepared SOP's, Protocols and COA's
- Maintained Laboratory standards like Reference standards, Working standards, In house standards and Primary standards.
- Performed maintenance of HPLC and GC Columns.
- Performed timely closure of QMS documents related Quality Control and implementation of respective corrective action and preventive action.
- Work allotment, sample management and timely analysis & timely released of In-process, validation and finished product samples.
- Performed laboratory investigation and root cause of OOS, OOT, deviation and implementation
- Maintained and recorded calibration of all analytical and monitoring instruments and cleanliness
- Maintained adequate inventories of laboratory materials, glass wares, control samples and supplies
- Recorded test data, applying statistical quality control procedures.
- Recorded accurate lab books & data recording using SAP documentation
- Conducted and participated in internal, external and customer audits.
- Familiar with regulations cGMP, GLP, 21CFR, USP, EP, and ICH regulatory requirements
- Performed coordination with production in process control
- AMC management of instruments

- Maintained Control **sample, inventory management** of glass ware and chemical
- Prepared analytical solutions used daily in **chemical analysis** and standardizes
- Complied with all normative and internal **EHS and Quality requirements**
- Performed Routine Qualitative & Quantitative analysis
- Actively involved in field of process development R & D, Literature search
- Working on table, performing various reactions from gm scale to kilo scale,
- Implemented procedure in pilot plant conducted experiments and communicate results to supervisor
- Performed feasibility, optimization, and validation of the process in consultation with seniors
- Maintained Laboratory equipment like Rota vapor, weight balance, pH meter, Oven, Vacuum pump, glass ware, and other instruments
- The R&D synthesis of Anti-Asthma drugs using different trial and error methods and analysing them in Quality control lab using HPLC, GC, Wet section analysis for the presence of solvent and the detecting any impurities

**Jan'09-Dec'11 with Emcure Pharmaceutical Ltd, Pune, Maharashtra as Officer Quality Control**

**May'07-Dec'08 with Akzo Nobel Chemicals (I) Ltd., Mahad, Raigad as Chemist Quality Control**

**Apr'05-May'07 with Balaji Amines Ltd., Solapur, as Chemist Quality Control**

**Jan'03-Mar'05 with Smruthi Organics Ltd, Solapur as Chemist Quality Control**

**Aug'01-Sept'02 with Vamsi Labs Ltd, Solapur as Research Chemist**

#### Academic Details

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|--|------|--------------------------|
| • <b>M.Sc (Chemistry)</b> from Shivaji University, Kolhapur                      | 2001 | 1 <sup>st</sup> Division |
| • <b>B. Sc (Chemistry)</b> from Sangmeshwar College, Solapur, Shivaji University | 1999 | 1 <sup>st</sup> Division |
| • <b>HSC</b> from HD Jr. College, Solapur, Pune Maharashtra Board                | 1996 | 1 <sup>st</sup> Division |
| • <b>SSC</b> from HD High School, Solapur, Pune Maharashtra Board                | 1994 | 1 <sup>st</sup> Division |

#### Personal Details

Date of Birth : 25<sup>th</sup> September 1979  
 Passport No : V7148879  
 Languages Known : English, Hindi & Marathi  
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