Sesuraj

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| *Objective* | |  | To complement my skills and establish myself as a better individual by working, learning and Sharing knowledge as a professional. |
| *Experience Summary* | |  | * A quick learner with excellent attention to detail that offers **7 years** of overall experience in chemical testing (Instrumentation and Wet analysis). of **USFDA and NABL** certified laboratory * Experienced in qualitative and quantitative analysis of various raw materials and finalized products. * Compliance with ISO/GMP, FDA, HACCP IS, IP, BP, USP, ASTM and APHA 22NDregulatory standards * As a Senior Executive (Quality control) I used my analytical skills to take care of the quality of the compounds produced in the department. I took the responsibility of analyzing and interpreting final results from the results given by chemists on various tests conducted in chemical laboratories as specified under my guidance. Being a Senior Executive I operated on diversified areas and projects related to chemicals and this gave me a wide industry exposure in various areas. * Working in TUV Rhineland as senior Executive from 8th September 2011 to till date. * Worked in Stellence Pharm science Limited as QC Chemist from December 2010 to August 2011. * Worked in Vallabha Industrial Chemical Engineers Baroda, Gujarat as QC Chemist   From June-2009 to November-2010. |
| *Technical skills* | |  | * Analytical Method Development and validation. * General method of analysis for quality control purpose. * Product development and evaluation with proper documentation. * Finalizing Raw material Specification. * Generating Stability testing and process evaluation documents. * Quantification Assay and Related substances * Routine analysis by methods development * Performs qualitative and quantitative tests on Oil, Liquid and solid samples. * Analysis of the In-process, raw materials and finished products by HPLC, GC, GCMS, FTIR, UV, AUTOTITRATOR. and WET Analysis * Instrument performance check, calibration and maintenances instruments. |
| *INSTRUMENTs* | |  | **● High Performance Liquid Chromatography:**  AGILENT HPLC 1200 series with chemstation software.  **● Gas Chromatography:**  AGILENT GC-7890A Auto sampler, Head space with chemstation software.  **● FTIR Spectrometer:**  MODEL: FTIR 8400S [MAKE: AGILENT]  **● UV Spectrometer:**  MODEL: 1700 PHARMASPEC [MAKE: PERKIN ELMER].  **● Autotitrator:**  MODEL: METROHM TIAMO 1.2.1  **● Gas Chromatography with Mass Spectroscopy:**  AGILENT GC-7890A Auto sampler, Head space with chemstation software. |
| *Work History* | **Senior Executive (Quality control), TUV Rhineland India pvt ltd: Bangalore.**   * Trained on Quality Management system as per ISO/IEC 17025:2005. * Conduct analyze [food, water, cosmetics, drug, textiles, electrical and oil products] samples of chemical parameters as per IS, IP, BP, USP, ASTM and APHA 22ND Standards * Perform Calibration of instruments (HPLC, GC, GCMS, UV, FTIR and AUTOTITRATOR). * Ensure the log books of all the instruments in the laboratory are maintained as per NABL. * Analyzing Volatile organic compounds (VOC's), Flash point, Density, Poly aromatic hydro carbons using GCMS & IP-346, U.S. Environmental Protection Agency 12/30/2009 Short-Chain Chlorinated Paraffin's (SCCPs) GC FID MS Purity inspection European Chemicals Agency (ECHA) Regulation (EC) No 1907/2006\_173 Chemical Substances analysis using assorted Analytical instruments etc. * I took the responsibility of preparing solutions; equipment’s needed for conducting the test by chemists and senior persons in chemical laboratory. I also took the tasks of analyzing data of chemical compound results given to me and interpreting the results and recording the same.   **Analysis of Food materials:**  (Protein, Fat, Ash, Moisture, Reducing and non-reducing sugars, Titratable Acidity, Acidity of extracted fat, Acid insoluble ash, Total solids, crude fiber, Total sugar, starch, Sulphated ash, Total milk solids, volatile oil, Carbohydrates, Energy, Sodium, potassium, Salt, alcohol soluble extract, cold water soluble extract )Aflatoxins, Pesticide’s Residue Analysis, Flavor profile, Fatty acids profile, Vitamins, LFGB Food contacts testing as per LFGB and USFDA Regulation, etc.  **REACH :( Registration, Evaluation, Authorization and Restriction of Chemicals)**  **REACH SVHC Compliance:** As per Regulation EC No.: 1907/2006 proposed by  European Chemical Agency (ECHA)  173 Substances of Very High Concern (SVHC) as per Authorization List and Candidate List - 01, 02, 03, 04, 05,06, 07, 08, 09, 10 11, 12 and 13 Authorization list Proposed by European Chemical Agency (ECHA) With reference to Corrigendum to Regulation (EC) no.1907/2006, concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH).  **Testing Method for SVHC Compliance:** The Part was analyzed for 173 Substance of Very High Concern (SVHC) as per the Authorization list and Candidate list-01, 02, 03, 04, 05, 06, 07, 08, 09, 10, 11 12, and 13 subject to Authorization proposed by European Chemical Agency (ECHA) as per REACH Regulation EC No.1907/2006 requirement by using suitable analytical techniques namely GCMS, GCFID, ICPOES, LC- MSMS, UPLC-DAD and FTIR.  **Water Testing:**  Testing of drinking water as per IS: 10500 – 2012, APHA, **ASTM**, WHO – 1999, USEPA, BIS- Beaurau  of Indian Standards and Swimming pool water as per 1993,  **Petroleum product:**  Testing of Petroleum product as per: **ASTM, AOAC and IS.**  **Textile Products:**  Azodyes, Phthalates, Chlorinated phenols Penta & Tetra chlorophenols, Organic tin compounds, polycyclic aromatic hydrocarbons (PAH) Per fluorinated Compounds PFOS PFOA, DMF, Formaldehyde. | | |
| *Work History* | Chemist Stellence Pharm science Limited: Bangalore.  * Analysis of the In-process, raw materials and finished pharma products by HPLC, GC, UV, IR, AUTOTITRATOR, ICP-OES and WET Analysis. * Ensuring cleanliness of the work place and of the laboratory as per GLP. * On time testing of input materials: in-process samples, intermediates, active pharmaceutical ingredients and finished products by Instrumental and wet methods. * Comparison of test results against specifications for release or rejection of materials and products. * Update of samples under analysis and reserve samples. * Carry out all QC Dept. activities as per cGMP requirement * Carry out all analysis for Raw material, finished product, Reaction monitoring and recovered solvents by GC. * Carry out HPLC quantification analysis. * Upkeep of completed reports.   **Chemist Vallabha Industrial Chemical Engineers Baroda.**   * Hands on experience in calibration of PH Meter, conductivity and Nephelometer * Hands on Experience in ASTM Standard for water. * Service for chemical cleaning of industrial equipment’s & pipelines on scientific footing. * Hands on Experience in Equipment’s such as Reactors, Boilers, Evaporators, Condensers, Columns, Steam Drums Trays, Packing Compressor Cylinder, Jacket Suction Discharge Dampeners, Absorber Towers, Heat Exchangers, Coils Cooling Water pipelines, RG coolers, etc. | | |
| *STRENGTHS* | * Confident, willingness to learn new things and ready to take up challenging tasks. * Consistent Academic Profile. * Attitude to work hard with dedication and involvement. * Positive thinking & quick Adaptability to new environment. * Quick and independent learner * Good communication skills. * Enthusiastic, self-starter and team player. | | |
| *Education* |  | **Master of Science (chemistry), 2007-2009**  St. Joseph’s College,Trichy-2  **Bachelor of Science (chemistry), 2004-2007**  AVVM. Sri Pushpam College, Poondi, Thanjavur. | |
| *Project**PERSONAL DETAILS:* |  | Project performed during M.Sc. chemistry. A Study on Blend Ratio Of Raw Diesel and Light Naphtha to meet BIS Specification of High Speed Diesel, in CPCL –Cauvery Basin Refinery, Nagapattinam. This project work was carried out at Chennai Petroleum Corporation Ltd.-Cauvery Basin Refinery. (A group company of Indian oil). Situated at Panagudi in Nagapattinam District. This Refinery is a part of Chennai Petroleum Corporation Limited-Manali, Chennai.  **LANGUAGES KNOWN**: English, Hindi and Tamil.  **Hobbies:** Raising Pets, Playing Cricket.  **Date of birth**: 24th Dec’85  **Marital Status**: Married  **Nationality**: Indian.  I hereby declare that the above mentioned information is true to the best of my knowledge. | |
| *References:* |  | References are available on requests | |