**CHEMIST**

# SRUTHY BIBIN

**PERSONAL**

Profile Female 25, Married

NationalityIndian

Languages English, Malayalam, Hindi, Tamil

**CAREER SYNOPSIS**

A quick learner who can absorb new ideas and can communicate clearly and effectively with work colleagues, clients and senior managers. Intend to build a career with leading corporate of hi-tech environment with committed and dedicated people, which will help me to explore myself fully and realize my potential.

Strengths:

* Readiness to accept work challenges.
* Willingness to develop/enhance skills.
* Profound experience in chemical analysis.
* Experienced diary chemist.
* Good knowledge in catalysis.
* Research team member.
* Member of integrated product development team for fermented dairy.

**WORK EXPERIENCE**

* Worked as Assistant Chemist at **Akay Flavours And Aromatic Private Lmited,** Pathanamthitta,

Kerala (July-2013 to September-2014)

* To check & Ensure that all incoming products (RM and PM), Work in progress and finished

Goods comply with Food Quality, Safety, Hygiene, Environment and legal requirements.

* Responsible for maintaining, HACCP documentation, Implementation, and assuring all the

activities are as per the Standard Operating Procedures, GMP Process.

* Reporting on day to day Quality Related activities to Quality Manager.
* Perform duties for maintaining Department KPI’s.
* Make sure Inspection of all the incoming goods, Pre-Mixes, in process Material, Packaging

Material and Finished Goods and production are Inspected, Sampled, Measured or Analyzed,

Evaluated, and Reported upon.

* Preparation of Oleoresin from spices by Solvent Extraction method.
* Extraction of colors and determine capsaicin content, moisture content.
* Residue Analysis using GC-MS.
* Hazardous Wastes (H.W.) Analysis.
* Diet Control Nutrition factors presentation.
* Microbiological testing of spices etc.
* Make sure that Traceability, FIFO, Production Dates, Expiry dates, True Reflection of

Product and Material, are maintained and recorded as per the standard operating procedures.

* Make sure that the Imported & Exported Material Complies with the Laws and Regulations

of the Countries involved.

* Measure Quality Demerit Index in day to day operations and report to the Quality Manager.
* Record Maintain and Implement all prerequisite Programs required for the HACCP, ISO

programs.

* Resolve customer complaints and Implement Corrective actions as advised by

Quality Safety Manager.

* Worked as Assistant Chemist at **Kerala Co-operative Milk Marketing Federation Ltd. (Milma),**

Thrissur**,** Kerala. (November-2014 to November-2015)

* Carries out day-to-day operations within the Analytical Laboratory function to ensure that work processes are implemented as designed and comply with established policies, processes and procedures.
* Performs routine analysis of samples using appropriate analytical methods and techniques to ensure timely completion of assigned work, in line with quality and operating standards.
* Preparation of sample of milk.
* Detection of adulterants in milk.
* Tests for chemical analysis of milk.
* Determination of total solids.
* Determination of fat in milk.
* Detection of Neutralizers in milk.
* Tests for checking efficiency of pasteurization in liquid milk.
* Checking efficiency of sterilization in liquid milk.
* Maintains the associated laboratory test data books, daily logs, and other records to ensure compliance with ISO quality system requirements.

**EXPERIENCED INSTRUMENTS**

* Gas Chromatograph Mass Spectrometer (GC/MS/MS) model " TRACE1300/ISQ-LT ".
* Gas Chromatograph (GC) model "Thermo Trace GC 600".
* Graphite Furnace Atomic Absorption Spectrophotometer (GFAAS) model "Agilent 240 AA".
* High Pressure Liquid Chromatography (HPLC) model "SHIMADSU- 10 A x L "
* Fourier Transform Infra-red Spectrometer (FTIR) model "SHIMADSU 8600 "

**ACADEMICS**

▪ 2014-2015 : PG DIPLOMA In Industrial Catalysis & Sustainable Chemistry from St.Thomas College,

Calicut University, Kerala.

▪ 2011-2013 : MSC-Chemistry from D.B.Pampa College Parumala, M.G. University, Kerala with 75%

▪ 2008-2011: BSC-Chemistry from SN College Nattika, Calicut University, Kerala with 80%

▪ 2006-2008 : Higher Secondary (Science Group) from G.H.S.S. Manalur Kerala with 78%

▪ 2005-2006 : SSLC, from S.H.OF.M.C.G.H.S.Kandassankadavu, Kerala with 64%

**ACHIEVEMENTS &Extracurricular Activities**

**▪** Holding C and B certificate of NCC.

**▪ A**ttended National Integration Camp at West Bengal as NCC cadet and participated in seminars

on different subjects.

**PROJECTS UNDERTAKEN**

▪ A study on the Analysis of “*The Comparison of colour value and Capsaicin content in different types*

*of chilly using HPLC & ASTA colour value Method.”* done at AKAY FLAVOURS AND AROMATIC

Pvt.Ltd, Pathanamthitta.Kerala (1 month)

▪ A project done on the topic “*Synthesis and characterisation of MCM-41 Catalyst and Ni-MoMCM-41*

*Catalyst*” done at industrial catalysis laboratory, ST.THOMAS COLLEGE THRISSUR, Kerala (6Months)

**SOFTWARE EXPOSURE**

Software : Trace finder, X-calibre

Microsoft office tools : Power point, Excel, Word

Operating system : Win 2000, Win XP, Winvista, Win 7

**Job Seeker First Name / CV No: 1715418**

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