

James Martinez

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Professional Summary

I am a detail oriented chemist with over 10 years of laboratory experience in the petroleum industry. I have strong analytical and problem-solving skills with the ability to troubleshoot a variety of laboratory instruments. I seek a position that requires my laboratory expertise as well as my excellent teamwork, communication and organizational skills.

Work Experience

3/2005 - Present ABC Inc. Any Town, NY

Laboratory Technician

- Performed complex laboratory experimentation in the field of molecular biology (techniques such as: RT-PCR, rtPCR, DNA sequencing, ELISA, different cell type isolation techniques).
- Gained extensive academic knowledge and immense practical discipline.

10/2003 - 12/2004 XYZ Corp. Any Town, NY

Laboratory Technician

- Responsible for sampling all chemical's, fuels, liquid petroleum gases for storage and shipping.
- Maintained inventory and stocked the laboratory with supplies needed to perform the job efficiently.
- Ensured purity of chemical's, fuels, and liquid petroleum gases.
- Worked a demanding and rigorous schedule with little and no supervision.
- Entered all analysis outcomes into our database for accuracy and record keeping of results.

9/2000 - 10/2003 BCD Inc. Any Town, NY

Laboratory Technician

- Establishing a scientific research and testing laboratory and safety program for a soft drink waste recycling company.
- Researching methodology of soft drink fermentation of ethanol by yeast and waste treatment by activated sludge.
- Experimentation with bench-scale, lab-scale and pilot scale fermentation and activated sludge systems.
- Authoring procedures for all laboratories and testing activities, referencing standard. Industry methods, ASTM standards for fuel ethanol, CRC guidelines, and empirical results.

Education

2000 University of California, San Diego
B.S., Chemistry

Computer Skills

- Microsoft Word, Excel, PowerPoint and Outlook.

- Various instrumentation interfacing and chromatography software packages: Chemstation, Chrome eon and Titrino Work Cell.
- Multiple laboratory information management systems: Thermo Scientific and Baytek products.

Instrumentation Experience

- GC: HP 6890 series; Agilent 6890N and 6850 series.
- HPLC: Dionex ICS 1000, 1100 and 2000 Ion Chromatography Systems.
- X-Ray Energy Dispersive Fluorescence Spectrometer: Horiba Sulfur-In-Oil Analyzer.
- Wavelength Dispersive X-Ray Fluorescence Spectrometer: PanAlytical Axios Petro.
- Ultraviolet Fluorescence: Antek Model 9000.
- Automated Titration Systems.
- Automatic Distillation Apparatus.
- Densitometer, Colorimeter.
- Optical Cloud, Pour and Freeze Analyzers.
- Automatic Flash Point Apparatus.
- Coulometric Karl Fischer Titrator.
- Automatic Vapor Pressure Apparatus.

References

Available on request

JeffTheCareerCoach.com