



KB LABS, INC.

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KB Labs, Inc. -- Professional Resume

MARCUS ENOCH HAUBENSTRICKER, Ph.D.

Areas of Specialization

Project Management, Lab Management, Method and SOP Development, Environmental Testing, GC/MS, GC/HPLC, XRF, Wet Chemistry, Mobile Lab operations, Data Review, QA/QC

Experience

Assistant Researcher/Analytical Chemist, KB Labs, Inc., Gainesville, Florida. March 2004 to present.

Responsible for GC/MS (Method 8260) and GC (Methods 8021) analysis of environmental soil and water samples. Method development research and application. QA/QC review of NELAC certified data reports. Website design.

Analytical Methods Development, National Council for Air and Stream Improvement, Gainesville, Florida, 1999-2003

Designed and developed innovative wet analytical/instrumental techniques (formaldehyde and other aldehydes and ketones in air and water by GC), assisted in data reprocessing.

Laboratory Manager, Cyclodextrin Technologies Development, Inc., Gainesville, Florida, 2000

Responsible for pharmaceutical product synthesis (solubilization of non-soluble pharmaceuticals via cyclodextrin inclusion) and dissolution of products, packaging, organization and aggregation of product inventory and stock, customer support.

Principal, Matrix Environmental Group, Ann Arbor, Michigan, 1991-1998

Managed sample extraction/preparation for instrumental analyses (primarily HPLC) and assisted with wet chemistries, designed and constructed fixed and mobile laboratories and innovative sample preparation techniques for analytical dissolution/concentration.

Analytical Chemist, U.S. Environmental Protection Agency, Ann Arbor, Michigan, 1986-1993

Managed chemical analyses of fuels and emissions enforcement/litigation samples for the Motor Vehicle Emissions Laboratory, managed/supervised analytical analyses for the leaded gas phase out program, developed an innovative direct GC injection method for the assessment of speciated oxygenates in gasolines, responsible for all GC, HPLC, and XRF chemistries.

QA/QC Coordinator and Supervisor, Canton Analytical, Ypsilanti, Michigan, 1985

Improved QA/QC protocols and report presentation, supervised report preparation, reviewed and signed all reports prior to release.

Education

The University of Michigan	Ph.D. in Environmental Chemistry	1984
The University of Michigan	M.S. in Environmental Chemistry	1980
Eastern Michigan University	M.S. in Inorganic Chemistry	1979
Michigan Technological University	B.S. in Chemistry	1976

Publications/Presentations

- M.E. Haubenstricker, S.E. Holodnick, K.H. Mancy, and M.J. Brabec, "Rapid Toxicity Testing Based on Mitochondrial Respiratory Activity," Bull. Env. Contam. Toxicol., March 1990.
- M.E. Haubenstricker, P.J. Meier, K.H. Mancy, and M.J. Brabec, "Rapid Toxicity Testing Based on Yeast Respiratory Activity," Bull. Env. Contam. Toxicol., 1990.
- M.E. Haubenstricker, "Development of a Toxicity Biosensor Based on Changes in Mitochondrial Respiration Rates," Doctoral Dissertation, The University of Michigan, Ann Arbor, 1984.
- Zadelis, D., M.E. Haubenstricker, and M.S. Simmons, "Photolytic Decomposition of Chlorinated Biphenyls in Aquatic Media," Proceedings of the First Annual Meeting of the Society of Environmental Toxicity and Chemistry, Washington, D.C., 1980.
- M.E. Haubenstricker, "An Investigation of the Mo(V)-Mo(III) Photovoltaic Reaction," Masters Thesis, Eastern Michigan University, Ypsilanti, 1979.
- "Oxygen and Oxygenate Content Analysis," U.S. Code of Federal Regulations, Volume 40, Part 80.46g, 1995.