



## **KB LABS, INC.**

**6821 Southwest Archer Road  
Gainesville, Florida 32608**

**Telephone (352) 367-0073**

**Fax (352) 367-0074**

**Email: [info@kbmobilelabs.com](mailto:info@kbmobilelabs.com)**

KB Labs, Inc. – Professional Resume

### **MARK MATHEWS**

#### **Areas of Specialization**

Analysis of Water, Air, Sediment, and Biota for Organic Contaminants by Gas Chromatography, Project Management, Environmental Testing, SOP Development, Safety Training

#### **Experience:**

KB Labs Inc., Field Chemist, May 2001 to present.

Responsible for the analysis of volatiles, pesticides, DRO, PAH, and TRPH (FL-PRO) in waters and soils on site. Perform extractions, GC analysis, and production of data reports. Method development and instrument troubleshooting and maintenance.

University of Florida /Food Science and Human Nutrition, Food and Environmental Toxicology Lab., Gainesville, FL; Chemist; October 1997to May 2001

Responsible for the analysis of pesticides, fungicides and herbicide residues in controlled studies on various agricultural commodities. Perform extractions, GC, GC/MS and HPLC analysis, and producing reports of data. Perform backups of laboratory analytical chromatography data and analytical results. Install software, assist users with computer software and hardware problems and upgrades. Monitored over a hundred different pesticides, herbicides, fungicides and industrial solvents utilizing Gas Chromatograph (ECD, FID, NPD and MS detection) and High Performance Liquid Chromatograph (UV and fluorescence detection).

Environmental Science & Engineering, Dept.: GC/HPLC, Gainesville, FL, Sr. Staff Scientist; February 1990 to October 1997

Responsibilities included routine analysis, methods troubleshooting and instrument maintenance in the GC and HPLC groups. Performed HPLC and GC analysis of Carbamates, Explosives and various pesticides and herbicides compounds in extracts of environmental samples and tissues. Experience with computer data collection systems, PE Nelson 3000 series, PE Nelson Turbochrom 4.0, HP- 3359 LAS and HP Chemstation 3D.

Archemica (PCR, Inc. Specialty Chemicals), Dept.: QC/QA, Gainesville, FL; Analyst Chemist; September 1986 to February 1990

Responsible for analysis of raw materials, in-process control samples and final Quality Approval. Duties included routine analysis and analytical methods development on new products utilizing GC, HPLC and other methods.

#### **Education:**

B.S.                      1983      Chemistry/Biology                      Houston Baptist University

#### **Certifications:**

Microsoft Certified Professional (MCP)  
Microsoft Certified Professional + Internet (MCP +I)  
Microsoft Certified Systems Engineer (MCSE)  
40 Hour HAZWOPER 29CFR 1901.120(e)