



## **Joe Rettinger**

*Senior Consultant*

Mr. Rettinger currently serves as Validation Program Manager for Emergo Group. His primary role is working with clients to help develop and implement efficient, value-based solutions for meeting validation requirements. Prior to joining Emergo Group, he was Medical Device Program Manager for Deaton Engineering where he was responsible for managing clients and business development in this sector. Mr. Rettinger was previously Vice President of Operations for Cerilliant Corporation, a manufacturer of active pharmaceutical ingredients and reference materials, where he led the manufacturing, testing, material management, quality and R&D departments. He has also served as Quality Assurance Director for Cerilliant Corporation and Quality Control Manager of Radian International Specialty Chemicals.

Mr. Rettinger's broad experience base includes: management of large divisional and project teams; implementation and maintenance of GMP, GLP and ISO 9001 compliant quality systems; corporate improvement initiatives for cycle-time reduction, capital expansion and enterprise software solutions; a variety of analytical laboratory applications; integration of process analytical technologies; analytical method validation; and business development within the life science industries.

### **EXPERIENCE:**

#### **Validation Program Manager, Emergo Group – 2007 to Present**

Senior consultant for validation services team responsible for developing validation master plans, training, consulting, and project management. Responsible for leading validation service teams in the execution of equipment qualification, process validation, cleaning validation and software / computer system validation projects. Senior consultant for compliance with medical device design control requirements including design verification and validation. Responsible for developing and quoting new project opportunities for current and prospective clients. Contributor to client validation programs through on-going regulatory and technical consulting.

#### **Program Manager, Deaton Engineering, Inc. – 2006 to 2007**

Senior manager of regulatory compliance consulting services (including validation) for clients in pharmaceutical, biotechnology and medical device industries. Senior consultant for compliance with medical device design control requirements including design verification and validation as well as process validation requirements for manufacturing and testing. Responsible for development of partnered medical device products from analysis and planning through management and execution. Responsible for business development and developing and quoting new project opportunities. Led various validation projects for pharmaceutical manufacturing and laboratory equipment.



## **Joe Rettinger, continued...**

### **Vice President of Operations, Cerilliant Corporation – 2005 to 2006**

Executive manager of production, testing, R&D, product development and quality assurance for manufacturer of pharmaceutical APIs and reference materials. Expanded company capabilities through major improvements in operational standardization, information technology, facilities, quality initiatives and new technology. Responsible for validation program that included cleanroom facilities, chemical processing equipment, laboratory instrumentation and computer systems for API products. Contributed to corporate strategic planning objectives and performance monitoring.

### **Quality Assurance Director, Cerilliant Corporation – 2001 to 2005**

Developed and implemented GMP and GLP compliant quality systems for API business initiative  
Developed validation program for new API product. Managed ISO 9001 quality system and led transition to ISO 9001:2000 standard. Led Quality Control Laboratory through period of rapid expansion requiring significant additions of instrumentation, methods and staff. Developed systems for material control, scheduling, sample management and data analysis that enabled manufacturing and QC to maintain high level of quality during period of rapid growth.

### **Technical Director, Epsilon Inc. – a Thermo Electron company – 2000 to 2001**

Managed microwave spectrometer product line through product improvements, next generation designs, customer support, startup and manufacturing. Responsible for new application development from laboratory to on-site implementation in chemical and food and beverage industries. Performed sales support through technical presentations, client communications and training.

### **Quality Control Laboratory Manager, Radian International**

Managed analytical laboratory performing various techniques including GC, GC/MS, HPLC, LC/MS, NMR, EA, TGA, DSC, UV, FTIR, KF and wet chemistry methods. Led method development for analysis of APIs, drug of abuse and priority pollutants by HPLC, GC, GC/MS and other techniques. Developed an internal software solution for capturing and reporting data, scheduling tests and tracking projects. Provided technical direction for analytical problem solving.

### **GC/MS Chemist, Radian International**

Performed GC/MS analysis of semi-volatiles by EPA SW-846 method 8270 and modified variations. Performed low resolution GC/MS analysis of polychlorinated dioxins and furans by EPA SW-846 method 8280 and polychlorinated biphenyl congeners by EPA method 680. Performed GC/ECD analysis of PCBs and pesticides by EPA SW-846 method 8080 and modified variations.



## Joe Rettinger, continued...

### TRAINING:

- Conferences/workshops in validation, Part 11 compliance, pharmaceutical quality control, good manufacturing practices for chemical manufacturing, process analytical chemistry, statistical process control, and project management.
- Executive training courses at the University of Texas McCombs School of Business

### EDUCATION:

- B.S. Chemistry, Texas State University

### PUBLICATIONS and PRESENTATIONS:

- Michael Re, Ph.D., Joe Rettinger, and Art Zisman. "Comparison of Derivatizing Reagents and Internal Standards for the Analysis of Opiates." Society of Forensic Toxicologists (SOFT), Orlando, FL, October 1998.
- Mitzi Rettinger, Joe Rettinger, Michael Re Ph.D., Arthur Zisman, Pamela Beaton, Chris, and Kenan Yaser. "Concentration Comparisons of Commercially Available 11-nor-9-Carboxy-delta 9-THC Standards in Methanol and Urine." American Academy of Forensic Sciences (AAFS), San Francisco, CA, 1998.
- Joe Rettinger. "Guided Microwave Spectroscopy Theory and Application." Presented to the Society of Plastics Engineers, Houston, TX, October 2000.
- Joe Rettinger. "Guided Microwave Spectroscopy Analysis of Bulk Pulp Material." Presented to the Association of Pulp and Paper Engineers, Houston, TX, 2000.
- Joe Rettinger, Uma Sreenivasan. "Preparation and Storage of High Quality Solution Reference Standards." Presented to the Pharmaceutical Reference Standard Symposium, Indianapolis, IN, May 2006.