

RAYMOND L. BEERY

Senior Validation Specialist

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PROFESSIONAL SUMMARY

A collaborative, quality-focused validation professional with more than eighteen years experience in the pharmaceutical/biopharm industry. Knowledgeable in manufacturing facilities for sterile injectable, otic, ophthalmic and lyophilized products with more than thirteen years in validation and process development. Member of three cGMP aseptic manufacturing facility start-ups as part of the Validation team. Experienced with a wide variety of production equipment including lyophilizers, steam autoclaves, dry heat ovens, depyrogenation tunnels, vial and container closure washers, CIP/SIP systems for bulk tanks, pasteurizers, fillers, HVAC systems, incubators, refrigerators, tablet presses and encapsulators.

SPECIALIZED AREAS OF EXPERTISE

Lyophilizer Qualification & Troubleshooting	Process Development
Autoclave/Sterilization Process Qualification	Equipment Start-up & Commissioning
Computer System Validation	Sterile Fill Manufacturing Operations

KAYE test equipment, including the Validator® 2000

PROFESSIONAL HIGHLIGHTS

- Supervised the execution of IQ and OQ protocols for lyophilizers. Developed and executed IQ, OQ, PQ and re-validation protocols for lyophilizers including Control Systems, CIP, SIP and product cycles. Reviewed and edited Software Design Specification and executed Computer Validation protocols for lyophilizers. Developed SOP's for the Preparation, Operation, Cleaning and Maintenance of lyophilizers.
- Developed and/or executed IQ, OQ, PQ and re-validation protocols for steam autoclaves, dry heat ovens, depyrogenation tunnels, vial and container closure washers, bulk tank sterilization, pasteurizers, fillers, HVAC systems, incubators, refrigerators, tablet presses and encapsulators.
- Developed and implemented Equipment Specifications and associated "pick lists" which detail the preparation, assembly and sterilization requirements for all equipment used in manufacturing, compounding and microbiology processes.
- Developed post-sterilization drying phase for container closures resulting in a 70% reduction in time required with previous methods.
- Developed a computer system to record and track air volume and velocity data. This is a validated system that resulted in the elimination of 100% of the errors resulting from the manual calculations that were previously required.
- Experienced with the KAYE Digi-Strip III, IV and Validator® 2000 systems. Developed SOP's for, and trained Validation Team members on, sensor calibration and use of Validator® 2000 system.

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PROFESSIONAL EXPERIENCE

ECVS, Inc. / Beery Validation Services Surprise, AZ. Senior Validation Specialist	12/2001 - Present
Marion Weinreb & Associates, Inc. San Francisco, CA. Associate	09/2002 - Present
cGMP Validation, L.L.C. Mission, KS. Validation Specialist	10/1998 - 12/2001
Schein Pharmaceutical, Inc. Phoenix, AZ.	05/1988 - 09/1998
Process Development Scientist	05/1997 - 09/1998
Validation Scientist	09/1995 - 05/1997
Validation Technician	06/1993 - 09/1995
Production Lead	02/1991 - 06/1993
Production Technician	05/1988 - 02/1991

EDUCATION / TRAINING

- GMP Validation Training Program (Feb. 2001) cGMP Validation, L.L.C.
- Improving Project Management Skills (Sept. 1998) American Management Association
- Estrella Mountain Community College (1996 -1997)
- Introduction to Validation (May 1995) Agalloco / DeSantis
- Freeze Dryer Maintenance and Troubleshooting (Oct. 1994) Hull Corp.
- Glendale Community College (1990 -1992)
- San Juan College (1986 -1988)

AFFILIATIONS

Member of PDA
International Society of Pharmaceutical Engineers (ISPE)