

## Clint M. Coburn

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Niwot, Colorado 80503

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### ABSTRACT

Analytical QC and R&D experience in water quality analysis and the pharmaceutical industry.

Strengths in FDA, ISO, and EPA regulatory compliance, real time GDP, GLP, cGMP, writing/following and revising SOP's.

### EDUCATION

UNIVERSITY OF COLORADO, Boulder, CO  
*Bachelor of Arts and Science* in Chemistry  
Minor in History

May 2009

### TECHNICAL SKILLS

#### Instrumentation

- GC/MS; Agilent 5970A with a VOC purge and trap concentrator
- HPLC; Agilent Series 1100/1200
- HPLC; Shimadzu modules
- UPLC; Waters Acquity modules
- UV/VIS; Varian Carey 3000, range 200 – 900nm
- AA; Buck Scientific 205
- MP-AES; Agilent 4100/Agilent, SPS Autosampler
- ICP; Agilent 5800 ICP/OES
- Metrohm Autotitrator; 831 Coulometer, 874 Oven Sample Processor
- Mettler Toledo Autotitrator; DL39 KF Coulometer
- FTIR; Thermo Nicolet Nexus 470
- NMR; Bruker Ultrashield Plus 400
- Sievers M9 Total Organic Carbon Analyzers

#### Bench Chemistry/Lab/Regulatory Skills

Manual and Auto Titrations, (potency, ID, KF), Prepping samples mobile phases and buffers, Preparing diluents/stock solutions, Standardizing solutions, Making standards, Dilutions, Pipetting, pH meters, Laboratory scales, Conductivity meters, Maintaining a legible lab notebook, GDP/GLP/cGMP, Following/maintaining company SOP's and Protocols, IQ/OQ/PQ, NCR procedures, Deviations, CAPA's, Stability testing, BOD, Bioburden, Endotoxin...

### **Computer skills/Software:**

LIMS, Word, Excel, Chemstation, TopSpin 2.1 (NMR), LabX Titration (Mettler Toledo), Tiamo 2.3 (Metrohm), Omnic (FTIR), Waters Empower 3 (UPLC/HPLC), Lab Solutions (HPLC), Data Pro (TOC Analyzers), SAP (Inventory software), ICP Expert.

### **WORK EXPERIENCE**

**Cerapedics**, Broomfield Colorado

January 2023 - Present

- QC analysis of in process and final product pharmaceutical product
- FDA/ISO regulatory compliance
- Following company procedures
- Coordinating with manufacturing personnel on non-conforming results
- UPLC, KF titrations, physical properties testing

**Suez Water Technologies**, Gunbarrel Colorado

January 2018 – December 2021

- QC/Production Chemist/R&D Tech;  
Making standards and reagents for total organic carbon analyzers,  
Performing the subsequent quality control
- Adhering to ISO 17025 and ISO 90001 regulations
- Following/writing and maintaining SOP's
- Coordinating/assisting with research and development team
- Troubleshooting and maintaining M9 TOC analyzer machines

**Agilent Technologies**, Boulder Colorado

August 2015 - September 2017

- Quality Control Analyst/R&D Tech;  
QC of raw material, in process, stability and final product samples, acting  
as a liaison between QC and R&D team
- Adhering to cGMP, FDA, OSHA, ICH, ISO, CFR21, USP, GLP regulations
- Preparing mobile phases/solutions, running assays, manual titrations
- USP38 /NF 33 <191> Identification/monograph Testing
- Following company SOP's, methods, protocols, and specification sheets

- Revision and creation of protocols, SOP's, and test methods
- Peer reviewing
- Prepping stock solutions, standards, buffers, sample prep.
- IQ/OQ/PQ, method validations and transfers

**Analytica**, Thornton Colorado

December 2012 – August 2014

- Water Quality Analyst:  
GC/MS analysis of VOC's in drinking and waste water
- Assisting coworkers with bench chemistry analysis during down time
- Washing glassware
- Maintaining laboratory inventory

**CARTSS Sociology**, Boulder Colorado

January 2005 – October 2010

- College job:  
Administrative assistant, transcriber
- Interacting with faculty on research issues related to interviews
- General office skills, filing, QC of interviews

**King's Siding and Windows**, Lafayette Colorado

April 1998 – August 2003

- Delivered siding and windows to customers on site
- Prepped houses and installed siding and windows
- Coordinated with OSHA on safety regulations

**Bart's Restaurant**, Louisville Colorado

January 1989 - March 1998

- Prepped and cooked food for business, washed dishes
- Maintained the kitchen, and coordinated with health inspectors on regulations