

Richard Crinigan

Research & Development Manager

CONTACT

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T: 510 - 754 - 1201

L: Boulder, Colorado

EDUCATION

2018 B.S. Chemistry, Business Economics
Northern Arizona University

LANGUAGES

English - native speaker

Greek - fluent speaking; conversational read/write

Spanish - basic speaking; basic read/write

STATEMENT

I have a proven track record of success in the cannabis extraction industry, a Bachelor's degree in Chemistry, and a strong passion for all things chemistry. I currently own and operate a consultation business specializing in botanical extraction lab optimization, and was previously R&D manager of a lab specializing in co-solvent (hydrocarbon and CO₂) extraction.

SKILLS

Teamwork	
Technical communication	
Laboratory experience	
Organization	
Problem solving	
Microsoft suite	

WORK EXPERIENCE

9/2022 - Present **MIDAS MOLECULAR SOLUTIONS**

Founder and primary operator of a botanical extraction consulting firm specializing in optimization through waste reduction and product development.

- Excellent communication skills while working directly with clients to provide a satisfaction guaranteed experience in a fast-paced environment.
- Quickly adapted to changing market trends and regulations in new environments, delivering rapid troubleshooting to emerging problems.
- Honed my ability to design and teach complicated extraction processes to operators with little to no previous experience.
- Capable of working with a wide array of extraction equipment, methods, and solvents.

9/2020 - 9/2022 **EXTRACTIONEERING**

Supervisor: Dr. Daniel Hayden

Title: Research & Development Manager

- Managed product design, optimization, and scaling processes to achieve profitability targets for new products; involved lateral thinking and technical communication to effectively work with other departments.
- Successfully developed a method for refining and repurposing what other labs consider waste byproducts, resulting in upwards of \$850,000 one year of sales from what was previously disposed of, while also increasing overall product yield and potency.
- Responsible for compliance and SOP writing throughout new product design; showed my ability to successfully design reproducible methodologies that ensure compliance.
- In charge of all in-house chemical analytics on GC-FID; displayed my comfort with learning and seeking out new technology, as well as my ability to maintain and troubleshoot analytical equipment.
- Formally organized, then digitized, all scientific notetaking within the entire facility, including developing necessary equations, using Microsoft 365 Excel.
- In house formulator: weekly formulations, including quality control, of all products leaving our laboratory, involving chemical and physical analysis.