

JULIE STUMPH

Severance, CO 80546

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Detail-oriented Laboratory Scientist and Director, highly effective at keeping laboratories running smoothly and efficiently. Over twenty years of experience in research, analytical, and production laboratories. Top-notch planning and problem-solving abilities. Open and clear communicator with a disciplined and thorough approach. Pursuing new professional challenges with the opportunity to make a positive impact on laboratory operations and organizational success.

Work Experience

Production, Safety, Quality, & Compliance Manager

PureVision Technology-Fort Lupton, CO

August 2021 to Present

- Redesigned extraction, and refinement of industrial hemp, formulation methodologies, and in-house and private label/white label manufacturing processes
- Developed extraction and formulation methods for numerous varieties of functional mushrooms
- Revised safety, quality, and quality programs to enhance regulatory and USDA Organic and cGMP compliance, and increase profitability
- Provide in-house analysis of lignin and sugars resulting from processing using shrinking bed reactor (SRB) and cross current reactor (CCR) technologies
- Social media master for the company and subsidiary pages on LinkedIn, Facebook, etc.

LABORATORY and EXTRACTION MANAGER

Globex Extraction Services-Loveland, CO

April 2020 to October 2020

- Refined extraction and refinement techniques utilizing Hydrocarbon (Propane), Short-Path Distillation, Preparative Centrifugal, Flash Chromatography, and harmonic distillation to produce full-spectrum cannabinoid-rich extract, distillate, and THC-free distillate from industrial hemp.
- Trained, supervised, and directed all extraction and laboratory personnel.
- Redesigned in-house analytical methodologies and documentation.
- Vetted and implemented a laboratory management information system (LMIS) to enhance process controls, customer communication, inventory management, and increase accountability.

Laboratory Manager

Thar Extracts-Pueblo, CO

July 2019 to February 2020

- Improved extraction and refinement techniques utilizing Supercritical CO₂, Wipe Film Distillation, and Preparative Supercritical Fluid Chromatography to produce full-spectrum cannabinoid-rich extract, distillate, and THC-free distillate from industrial hemp.

- Developed operational and quality standard procedures.

Production Chemist/Senior Scientist

H3L Labs-Castle Rock, CO

January 2019 to July 2019

- Established cannabinoid extraction processes Supercritical CO₂, Short Path Distillation, and Preparative Flash Chromatography to produce full-spectrum cannabinoid-rich distillate, THC-free distillate, and formulated products from industrial hemp.
- Defined quantitative goals and worked with suppliers to maintain and improve the quality of incoming materials.
- Developed standard operating procedures for extraction, post-production, and quality.

Production Chemist

Green Hemp Farms-Delta, CO

August 2018 to December 2018

- Sharpened extraction and purification methods using Supercritical CO₂, Wipe Film Distillation, and Preparative HPLC to produce THC-free distillate
- Drove operational improvements which resulted in savings and improved profit margins.

Laboratory Operations Director

Wasu Development Company-Grand Junction, CO

January 2018 to August 2018

- Quantified cannabinoid potency for materials from biomass through final formulated products
- Prepared full spectrum, ethanol-extracted, CBD oil from industrial hemp
- Provided product development and innovation and product formulation
- Managed quality assurance program, including on-site evaluations, internal audits, and customer surveys
- Trained and supervised production and formulation technicians

Director of Laboratory Services

1st Alliance Treatment-Grand Junction, CO

January 2015 to December 2017

- Directed all 1st Alliance Treatment and Rocky Mountain Offender Management Systems laboratory operations nationally
- Supervised laboratory technicians (hiring, coaching and development, performance review, disciplining, scheduling, conflict resolution, etc.)
- Coordinated with regional managers to ensure service delivery
- Interfaced with clients to provide customized drug and alcohol test panels and technical and toxicological guidance

Independent Safety & Industrial Hygiene Consultant

Grand Junction-Colorado

January 2009 to December 2015

Research Assistant/laboratory Manager

Colorado State University-Grand Junction, Colorado

January 2009 to December 2014

- Conducted research for the Colorado State Enologist on wine aroma components using gas chromatography/ mass spectrometry (GC/MS).
- Research was targeted at developing and expanding the Colorado wine industry's reputation and influence.

Education

Bachelor of Science in Geological Chemistry

University of The State of New York

Skills

- Regulatory Compliance
- Process development and improvement
- Facilities oversight
- Customer Service
- Chromatography (coupled and uncoupled)
- Quality Assurance and Control
- Extraction and Purification
- Product development
- Operational Improvement
- Equipment maintenance and calibration
- Team Management and Supervision
- cGMP and Organic
- Quality Control
- Program Development
- Laboratory management
- Laboratory techniques
- Clinical laboratory experience
- Assays
- Biochemistry
- Analytical chemistry
- Time management

Certifications and Licenses

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