



# extraction Magazine

Cannabis on Collision Course with Science

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## Secondary Bioactive Molecules in Cannabis

Looking Beyond THC and CBD

## Meet the Mother and Child Duo Behind CBGA and CBCA

The Skinny on Two Rising Stars

## The Holy Grails of Cannabis

Methods for Isolating Minor Cannabinoids

## TETRAHYDROCANNABIVARIN (THCV) *A Deeper Dive into the Entourage Effect*

# Microbial Considerations for Cannabis Extracts

Techniques for effectively removing microbial DNA and other contaminants



**Conclusion**

As extraction technology advances, it's important to maintain the pedigree of safety that cannabis and cannabis medicines have had for eons, while utilizing science and technology to increase the quality of newly developed therapies. Standardized solvents and processes are a necessary element needed in this industry and are the only way we can further the overall body of research. Utilizing safe and proven extraction methodologies like ethanol,

CO<sub>2</sub>, oils and mechanical separation help to ensure safety through best practices and compliance while providing accountability and traceability. With improvements in extraction science, from large scale commercial ethanol extraction machines that can compete with CO<sub>2</sub>, to innovative uses of water or ultrasonic cavitation for solvent-less extraction methods, comes an increased ability to mimic the beneficial effects of the *Cannabis* plant in a safe and effective way that is beneficial to us all.

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