



 (207) 298-2478  info@thephco2.com [Schedule a Consultation](#)



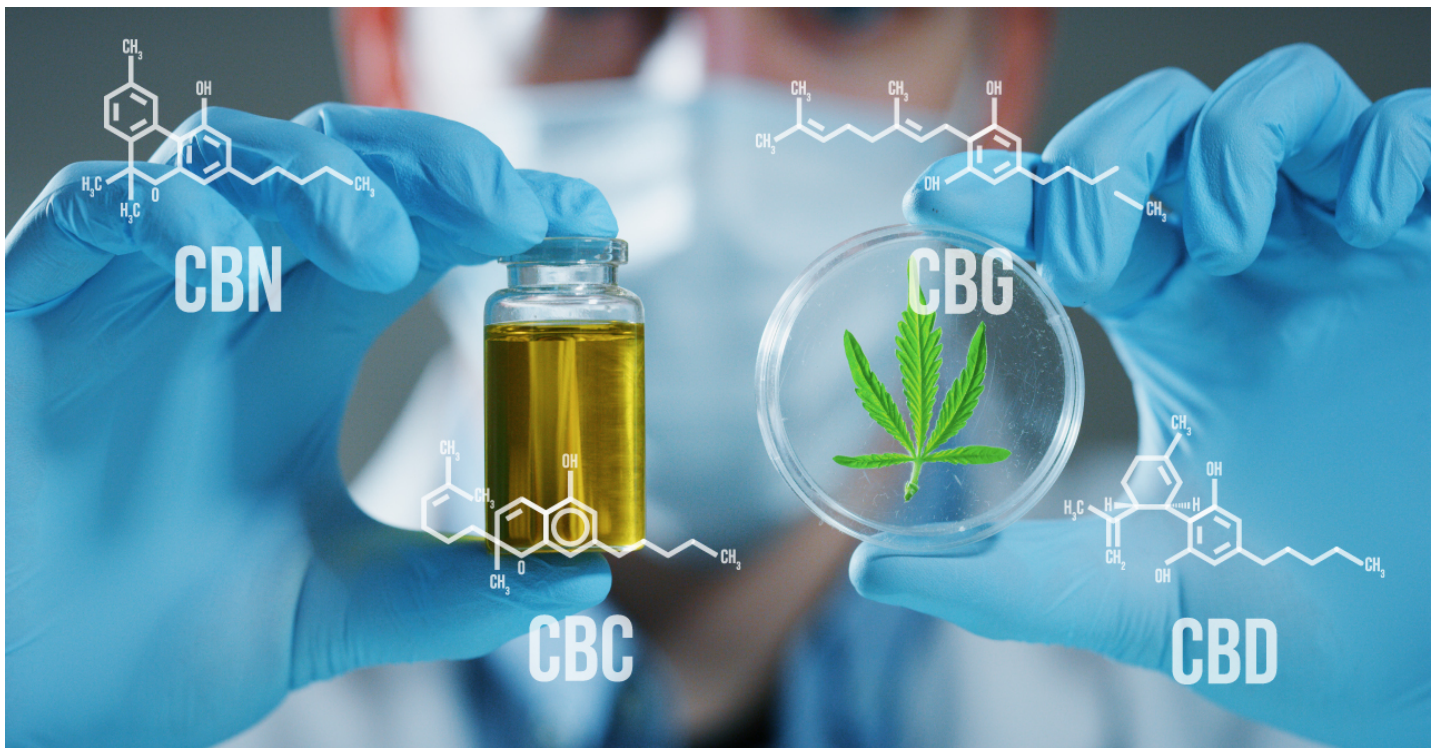
Who We Are

Proven, Pure Remediation Process

Our reputation for scientific, proven methodology is what brought a customer to us with a request to process whole plant hemp years ago. With almost 40 years of expertise in patented supercritical CO₂ process and extraction, PHCO₂ created a proprietary remediation solution for the burgeoning whole plant hemp industry. Since then, we've been meeting the need in the industry for a consistent supply of superior-quality, pure ingredient that is processed professionally and delivered efficiently.

Superior Quality—As Nature Intended

Hemp may be a new market, but the experience and proprietary whole plant hemp extract remediation process we provide is mature and proven, executed to cGMP standards; we are in the process of getting our GMP registration. With decades of experience behind us, PHCO₂ was one of the first to offer whole plant hemp crude, distillate, and extract remediation using supercritical CO₂ processes—we've been doing so since 2015.



Applying Proprietary Experience

We're proud to say there is no direct competition available today regarding our specific proprietary full and broad-spectrum PHCO₂ branded ingredients. This is because we engineered our unique solution based on the expertise of 39 years of developing and optimizing extractions, purifications, remediations, and recrystallizations of hundreds of other applications across a wide variety of industries.

Tell Us About Your Remediation Needs

CONTACT US

What Is Remediation?

The remediation process reduces or removes unwanted constituents or foreign substances to help make a purer ingredient that meets your needs.

- Remediate tetrahydrocannabinol (THC)
- Remediate pesticides—those that the process is capable of removing; specific requests to be qualified
- Remediate non-essential components in the crude—such as fats, lipids, waxes, terpenes, chlorophylls, etc.
- Remediate solvents—from pre-existing extraction processing performed elsewhere



Food-Grade Remediation

PHCO₂ provides a food-grade remediation service using a proprietary CO₂ process. The CO₂ conditions include highly calibrated parameters of pressure, temperature, time, etc. Our founder, Val Krukonis, co-wrote the book on supercritical fluid extraction.

These are not trivial points—CO₂ process and extraction it is what the PHCO₂ team excels at. We've earned the reputation as innovators of a quality, reliable extraction process that yields consistent, superior remediation and purification, and has the ability to capture relevant minors in the whole plant hemp extract.



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These statements have not been evaluated by the Food and Drug Administration. This product is not intended to diagnose, treat, cure, or prevent any disease.

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