Cold separation:

Preserves precious oils & potency

Multiple test results from an independent laboratory show extracted material from Apeks Supercritical cold separation processing consistently contains approximately 20% higher amounts of THCA than from a competitive system using high temperatures.

Cooler temps protect plants, conserve THCA

Apeks Supercritical cold separation processes protect plant oils by never exposing them to a temperature higher than the extraction temperatures, thereby preserving the volatile oils and terpenes, as well as retaining more THCA.

Controlled decarboxylation

TCHA is converted to THC via a chemical process using heat called decarboxylation. But heat can harm plant oils if not properly controlled. Apeks systems give equipment operators greater control over the decarboxylation of their extractions because cold separation does not decarboxylate (or very minimally) the extracted oils in the separator. Competitor extraction systems using high temperatures in the extraction and separation vessels automatically decarboxylate. This can "cook" or overheat the oils which weakens the potency and causes thermal degradation.

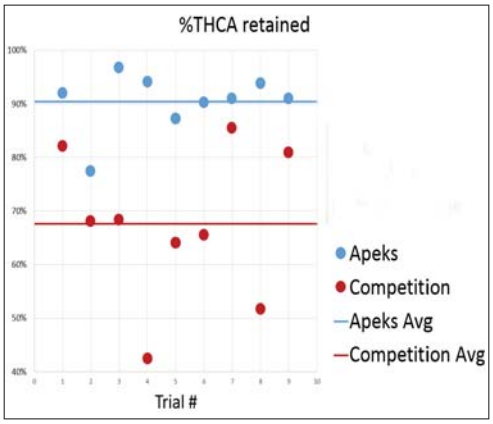
Advantages of cold separation

- 20% greater yield of THCA with minimal decarboxylation
- No thermal degradation of oil
- Terpenes (constituents of flavorings and fragrances) and other volatile aromatics are preserved and contained in separator
- Useful for making cannabis shatter because THCA can be crystallized; THC cannot.

ProVerde analytical testing services LABORATORIES

Data from multiple tests conducted by an independent laboratory confirms that material from Apeks CO_2 extraction systems consistently measures higher in cannabinoid content and THCA.

Yields from Apeks extractors show consistently higher amounts of THCA



In nine trial runs testing comparable material extracted in an Apeks CO_2 extraction system to a competitive system without cold separation capability, SJR Labs in Gorham, Maine discovered an average of more than 20% higher retention of THCA in the Apeks extractions. The data also indicates far more consistent results with Apeks.

VETERAN OWNED BUSINESS

500+ CANNABIS SYSTEMS INSTALLED!

3 YEAR WARRANTY

UL

UL 508A Listed

apeks® SUPERCRITICAL

The Power of CO_2 Extraction™