

Cannabis concentrates are made by isolating the trichomes (the resin-rich part of the flower) from the rest of the plant material. This can be done through different extraction methods, ranging from solventless mechanical (physical) separation, to supercritical CO₂ extraction, to solvent-based processes where a solvent is used to pull compounds and then fully removed after processing.

STARTING MATERIAL

Physical

Live

Fresh Frozen

Dried Cured

Solvent

METHOD

PRODUCT

SIEVE

Trichomes are separated from the plant by gently rubbing or agitating the material across fine mesh screens. These screens come in different micron sizes, filtering trichomes by size for a progressively cleaner, more refined collection.

KIEF
DRY SIFT
DRY SIFT HASH



ICE WATER

Or bubble hash method, uses cold water and ice combined with agitation to make trichomes brittle so they separate cleanly from the plant material. The mixture is then filtered through progressively finer mesh bags, to produce a refined final concentrate.

BUBBLE HASH
PRESSED HASH



PRESSURE & HEAT

Heat & pressure are applied to flower, hash, or kief to melt and squeeze resin from trichomes. This solventless method preserves natural compounds, and begins decarboxylation. The end concentrate is suitable for a variety of consumption methods.

FLOWER ROSIN
HASH ROSIN



CO₂

This method uses CO₂ in a supercritical state, where it behaves like both a gas and a liquid. In this form, it selectively extracts trichome compounds from the plant material, allowing for a clean separation without leaving solvent residues.

VAPE OIL
CAPSULES
EDIBLES



HYDRO CARBON

Hydrocarbons like butane or propane dissolve cannabinoids and terpenes from the plant material. The resulting solution is then carefully refined to remove all residual solvents, to produce a concentrated extract.

LIVE RESIN
SHATTER
WAX | BUDDER
DIAMONDS
SAUCE



ALCOHOL

Ethanol is used to dissolve trichomes and separate cannabinoids and terpenes from plant material. The solution is then filtered and refined, producing a concentrated extract with a broad cannabinoid profile.

RSO
ISOLATE
TINCTURE



Full Spectrum

Retains the widest range of cannabinoids and terpenes. It maintains the plant's overall character and supports the "entourage" interaction between its natural components.

Broad Spectrum

Broad-spectrum keeps a mix of cannabis compounds, but removes specific ones (usually THC). After that, producers may adjust the remaining compounds to create targeted product profiles.

Isolate

Pure single cannabinoid extracted and isolated from all other plant compounds. Typically a crystalline or powder form with no other cannabinoids or terpenes present.