

# Cannabis Concentrates 101

Cannabis concentrates are extracts made using two processes:

- *Solvent-based extraction:* A process that extracts from the cannabis plant using an external polar solvent, such as Butane, Propane, CO2, Naphtha, Petroleum Ether, or Ethanol. Naphtha and butane can often leave toxic residues in the final product.
- *Solventless extraction:* A process that extracts from the cannabis plant without use of a solvent.

When cannabis is extracted, THC and contaminants are highly concentrated in the process.

**Cannabis concentrates are not recommended for medical use**



## Live resin

Hydrocarbon Extract  
Extracted from fresh plant  
High terpene concentration  
**50-70% THC**



## Shatter

Hydrocarbon Extract  
Golden, Translucent, Brittle  
**Up to 90% THC**



## Bubble Hash

Solventless Extract  
Created by agitating cannabis buds in ice water and filtering water through screen  
**30-60% THC**



## Budder

Hydrocarbon Extract, 'Wax'  
Whipped into smooth consistency  
Also: Bladder, Frosting, Icing  
**60-90% THC**



## Distillate

Thick, Viscous, Translucent Oil  
Require extensive refinement process  
Used in edibles, topicals, vape cartridges  
**70-90% THC**



## Kief/Dry Sift

Flower is ground and sifted  
Kief has no trichome glands  
Dry sift has small trichome resin glands  
**50-80% THC**



## Crumble

Hydrocarbon Extract  
Purged 'Wax', Drier Texture  
Porous appearance (like honeycomb)  
**60-90% THC**



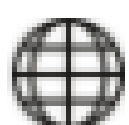
## Isolate

Isolated cannabinoids into crystal/powder  
Hydrocarbon solvent or ethanol extract  
Often uses vacuum pump, sand filtration  
**Nearly 100% THC**



## Rosin

Solventless Concentrate Extract  
Uses high pressure & gentle heat  
Squeezes concentrate from flower  
High terpene concentration  
**50-80% THC**



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