



Digamma  
Consulting

- Products of the Medical
- Cannabis Industries



Cannabis Flower  
(Buds, Nuggets, Weed)

**Cannabis Flower** is the term used in the industry to refer to the sinusilla reproductive buds of the female Cannabis species plant. This plant material is collected, trimmed for excess leaves, and then dried and cured to reach a final moisture content around 10%. This finish dried product typically has between 15-25% THC by weight, and up to 10 mg/g of certain terpenes.



Solventless Extract  
(Kief, Hash, Trichomes)

**Solventless Extract** involves removing and concentrating the plants crystalline trichomes, tiny crystals rich in cannabinoids and terpenes that grow out the the plant cuticle (skin). This can be de done with dry or wet ice, and often involves crushing and sifting of flower. When done dry (CO2) the product is very fine tan powder called kief. When done wet (H2O) the product after drying appaers as a crumbly waxy solid called hash. These products typically range from 30-50% THC by weight.



Solvent Extract  
(Hash Oil, Wax, Shatter)

**Solvent Extracts** involve using a solvent, such as propane, butane or CO2, to extract cannabinoids and terpenes from **Cannabis Flower**. The lowest potency products, Hash Waxes, contain a high amount of plant waxes. More refined product is referred to as hash oil, a viscous substance that is often translucent and with a higher concentration of cannabinoids. Shatter is a clear solid form of extract that is nearly pure crystalline cannabinoids.



Infused Edible

**Infused Edibles** are food products that have been infused with Cannabis extracts. Because of cannabinoids oil soluble nature, butter, coconut oil, and other oils are used to dissolve the extract and introduce it into the foods. Cooked edibles will undergo decarboxylation from THCA to THC, and any orally ingested cannabinoids will be metabolically processed differently than inhaled cannabinoids, largely due to the effects of the liver and other biliary organs. This will result in different medical effects on the human body. Doses range from 5-500 mg THC per serving, with the majority of users taking 15-35 mg THC per serving



Infused Topical

**Infused Topicals** are skin creams, typically based in shea butter, carnuba wax, coconut oil, or synthetic formulations infused with Cannabis extracts. The cannabinoids are intended to permeate through the skin directly to points of pain or inflammation on the body. Although cannabinoids absorbed dermally have an effect more similiar to inhalation than ingestion, it is very rare for users to experience psychoactive effects from topicals, due perhaps to the cannabinoids high affinity for fat-rich skin and muscle tissue when compared to the blood tissue that would otherwise be able to carry cannabinoids to the brain.