



Key hemp industry related definitions

Cannabis: Referring to formal naming of flowering annual plant genus within the Cannabaceae family. Can be further defined into species: *Cannabis sativa*, *Cannabis indica*, and *Cannabis ruderalis*

Hemp: Also referred to as “industrial hemp.” A definition set forth under non-herbaceous classification. Generally referred to as Cannabis that has been bred to express cannabidiolic acid (CBDA) in higher quantities than tetrahydrocannabinolic acid (THCA). Delta-9-tetrahydrocannabinol (D9THC), a neutral product of THCA via degradation (decarboxylation), must fall under a 0.30% by dry weight testing method, to be considered “hemp” or a “hemp-derived product” (U.S. standard).

High-THC Cannabis: Previously referred to as “marijuana.” A non-herbaceous classification of Cannabis that has been bred to express tetrahydrocannabinolic acid (THCA) in higher quantities than cannabidiolic acid (CBDA). Delta-9-tetrahydrocannabinol (D9THC) is allowable, by definition, to be above 0.30% on a dry weight basis. Generally regulated, taxed, and falls under government (state and federal) over-sight.

Agriculture Improvement Act of 2018: Commonly referred to as, “2018 Farm Bill” or “Farm Bill.” Legislation signed into effect in December 2018 that legalizes cultivation of hemp botanical (flower) and hemp concentrates, which contain no more than 0.30% delta-9-tetrahydrocannabinol (D9THC), on dry weight basis testing, commonly measured via high pressure liquid chromatography (HPLC).

Concentrate: Cannabis industry term referring to phytocompounds including phytocannabinoids (cannabinoids), terpenes, flavonoids, and other natural products extracted or concentrated from the Cannabis plant. Concentrates can be hemp-derived (less than 0.3% D9THC) and are considered legal under 2018 Farm Bill. Or concentrates may be high-THC cannabis derived, containing more than 0.3% D9THC, and fall under (some) state and Drug Enforcement Agency (DEA) regulations.

Full-spectrum concentrate: A hemp derived concentrate containing more than three cannabinoids, terpenes, flavonoids, and other natural plant products. Consider to most closely mimic the extracted hemp’s natural phytocompound profile. Typically includes traceable amounts of delta-9-tetrahydrocannabinol (D9THC).

Broad-spectrum concentrate: A hemp derived concentrate containing cannabinoids, terpenes, flavonoids and other natural hemp products. Closely mimics the cannabis plant’s natural phytocompound profile but is extracted/concentrated or refined so it does **not** include any traceable amount of delta-9-tetrahydrocannabinol (D9THC).

Isolate concentrate: A refined hemp concentrate which includes only one isolated cannabinoid (typically cannabidiol, CBD). Typically created through harsh chemical refinement of synthetic chemical reactions. Does not retain other natural plant molecules or mimic the plant’s natural