

# BUDTENDER'S GUIDE *to the* CANNABINOIDS



## **THC** *Tetrahydrocannabinol*

The main psychoactive cannabinoid in Cannabis. THC serves as an appetite stimulant, analgesic and is effective against vomiting and nausea.



## **CBD** *Cannabidiol*

This non-psychoactive cannabinoid holds medical benefits including: anti-anxiety, anti-psychotic, analgesic, anti-epileptic, antispasmodic, antiemetic and anti-diabetic. CBD has also been shown to inhibit cell growth in cancerous tumors.



## **CBN** *Cannabinol*

A mildly psychoactive cannabinoid which is formed as a result of the degradation of THC, CBN potentiates the effects of THC and is often described as a mild analgesic and as a potential sleep-aid.



## **THCV** *Tetrahydrocannabivarin*

THCV is currently being researched as a treatment for metabolic disorders like diabetes. Medicinal properties include: anorectic, bone-stimulant, and anti-epileptic.



## **Acidic Cannabinoids**

The major cannabinoid constituents in raw Cannabis come in the form of acids (e.g. THCA, CBDA, etc.) Research suggests the acidic cannabinoids hold most of the anti-inflammatory properties that Cannabis has to offer. Acidic cannabinoids show promise in the treatment of IBS, Crohn's, and Leaky-Gut Syndrome. When cannabis is smoked the heat causes the the acidic cannabinoids to decarboxylate, a process which creates their nonacidic counterparts, such as THC.

## HOW SAFE IS YOUR MEDICINE?

Cannabis is increasingly recognized as a valid and verifiable medicine and SC Laboratories believes safety standards similar to those applicable to pharmaceutical and agricultural products should be applied to this industry. For this reason we have developed state of the art testing protocols for collectives, cultivators, and edible manufacturers to ensure maximum patient safety.

## PESTICIDES / FUNGICIDES

Many toxic and systemic pesticides and/or fungicides are used in controlling invasive pests and fungal growth on Cannabis plants. The FDA has not determined safe levels of any pesticides or fungicides on cannabis and has banned the use of Plant Growth Regulators on all consumable crops. The inhalation of these chemicals through smoking, absorption through the skin when topically applied, and ingestion when eating is extremely harmful for patients, even in small amounts.

## PATHOGENIC CONTAMINATION

Harmful fungi and bacteria, including: Botrytis (gray mold), Aspergillus, and even E. Coli, pose potential health risks and can often times be found on medical cannabis (and medical cannabis products). The inhalation of contaminated medicine can trigger many health problems including difficulty in breathing, chronic coughing, recurring colds, and many more potentially dangerous side effects.

**Only 3rd party analytical testing can assure the true safety of a medical cannabis product, concentrate, or edible. Be sure to 'Know Your Medicine'.**

**Questions? Contact us at [info@sclabs.com](mailto:info@sclabs.com)  
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