

and 26110, Business and Professions Code.

§ 5724. Cannabinoid Testing.

(a) The laboratory shall analyze at minimum 0.5 grams of the representative sample of cannabis goods to determine the cannabinoid profile such as THC; THCA; CBD; CBDA; CBG; and CBN.

(b) The laboratory shall establish a limit of quantitation (LOQ) of 1.0 mg/g or lower for all cannabinoids analyzed and reported.

(c) The laboratory shall report the result of the cannabinoid testing on the COA, including, at minimum:

(1) A percentage for THC, THCA, CBD, and CBDA;

(A) When the laboratory reports the result of the cannabinoid testing for harvest batch representative samples on the COA in dry-weight percent, they shall use the following equation:

$$\text{Dry-weight percent cannabinoid} = \text{wet-weight percent cannabinoid} / (1 - \text{percent moisture} / 100)$$

(2) A percentage for Total THC and Total CBD, if applicable;

(3) Milligrams per gram (mg/g) if by dry-weight or milligrams per milliliter (mg/mL) if by volume for THC, THCA, CBD, and CBDA.

(4) Milligrams per gram (mg/g) if by dry-weight or milligrams per milliliter (mg/mL) if by volume for Total THC and Total CBD, if applicable;

(A) The laboratory shall calculate the total cannabinoid concentration as follows:

(i) For concentration expressed in weight:

$$\text{Total cannabinoid concentration (mg/g)} = (\text{cannabinoid acid form concentration (mg/g)} \times 0.877) + \text{cannabinoid concentration (mg/g)}$$

(ii) For concentration expressed in volume:

$$\text{Total cannabinoid concentration (mg/mL)} = (\text{cannabinoid acid form concentration (mg/mL)} \times 0.877) + \text{cannabinoid concentration (mg/mL)}$$

(5) Milligrams per package for THC and CBD;

(6) Milligrams per package for Total THC and Total CBD, if applicable;

(7) Milligrams per serving for THC and CBD, if any;

(8) Milligrams per serving for Total THC and Total CBD, if any and if applicable; and

(9) The laboratory shall report the results of all other cannabinoids analyzed on the COA both as a percentage and in either milligrams per gram (mg/g) if by weight or milligrams per milliliter (mg/mL) if by volume.

(d) The sample shall be deemed to have passed the cannabinoid testing if the following conditions are met:

(1) For all edible cannabis products, the milligrams per serving for THC does not exceed 10 milligrams per serving.

(2) For edible cannabis products that are not orally-dissolving products labeled “FOR MEDICAL USE ONLY”, the milligrams per package for THC does not exceed 100 milligrams per package.

(3) For edible cannabis products that are orally-dissolving products labeled “FOR MEDICAL USE ONLY,” the milligrams per package for THC does not exceed 500 milligrams per package.

(4) For cannabis concentrates and topical cannabis goods not labeled “FOR MEDICAL USE ONLY,” the milligrams per package for THC does not exceed 1000 milligrams per package.

(5) For cannabis concentrates and topical cannabis goods labeled “FOR MEDICAL USE ONLY,” the milligrams per package for THC does not exceed 2000 milligrams per package.

(e) The laboratory shall report the test results and indicate an overall “pass” or “fail” for the cannabinoid testing on the COA.

(f) Any cannabinoids found to be less than the LOQ shall be reported on the COA as “<1 mg/g” if by dry-weight or “<1 mg/mL” if by volume.

(g) If the sample fails cannabinoid testing, the batch from which the sample was collected fails cannabinoid testing and shall not be released for retail sale.

Authority: Section 26013, Business and Professions Code. Reference: Sections 26100, 26104 and 26110, Business and Professions Code.

§ 5725. Terpenoid Testing.

(a) If requested, the laboratory shall analyze at minimum 0.5 grams of the representative sample of cannabis goods to determine the terpenoid profile of the sample.

(b) The laboratory shall report the result of the terpenoid testing on the COA both as a percentage and in either milligrams per gram (mg/g) if by weight or milligrams per milliliter (mg/mL) if by volume.

Authority: Section 26013, Business and Professions Code. Reference: Sections 26100, 26104 and 26110, Business and Professions Code.

§ 5726. Certificate of Analysis (COA).

(a) The laboratory shall generate a COA for each representative sample that the laboratory analyzes.

(b) The laboratory shall ensure that the COA contains the results of all required analyses performed for the representative sample.

(c) The laboratory shall, within 1 business day of completing all analyses of a sample, both upload the COA into the track and trace system and simultaneously provide a copy of the COA to the Bureau via email at bcc.labs@dca.ca.gov.