

(3) Category II Residual Solvents and Processing Chemicals as required in section 5718 of this division;

(4) Category I Residual Pesticides as required in section 5719 of this division; and

(5) Microbial Impurities as required in section 5720 of this division.

(c) In addition to the requirements of subsection (b) of this section, all cannabis harvested on or after July 1, 2018, and all cannabis products manufactured on or after July 1, 2018, shall be tested for the following analytes, if applicable:

(1) Category I Residual Solvents and Processing Chemicals as required in section 5718 of this division;

(2) Category II Residual Pesticides as required in section 5719 of this division; and

(3) Foreign Material as required in section 5722 of this division.

(d) In addition to the requirements in subsections (b) and (c) of this section, all cannabis harvested on or after December 31, 2018, and all cannabis products manufactured on or after December 31, 2018, shall be tested for the following analytes, if applicable:

(1) Terpenoids as required in section 5725 of this division;

(2) Mycotoxins as required in section 5721 of this division;

(3) Heavy Metals as required in section 5723 of this division; and

(4) Water Activity as required in section 5717 of this division.

(e) Licensees may have a sample of cannabis goods tested for analytes that are not yet required to be tested. However, if the sample fails any additional test(s) not required pursuant to this section on the date of testing, the batch from which the sample was collected fails 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.

§ 5717. Moisture Content and Water Activity Testing.

(a) The laboratory shall analyze at minimum 0.5 grams of the representative sample of dried flower to determine the level of water activity and the percentage of moisture content.

(1) The dried flower sample, including pre-rolls, shall be deemed to have passed water activity testing if the water activity does not exceed 0.65 Aw. The laboratory shall report the result of the water activity test on the certificate of analysis (COA) and indicate “pass” or “fail” on the COA.

(2) The laboratory shall report the result of the moisture content test on the COA as a percentage.

(b) The laboratory shall analyze at least 0.5 grams of the representative sample of solid edible cannabis products to determine the level of water activity. A solid edible cannabis product shall be deemed to have passed water activity testing if the water activity does not exceed 0.85 Aw.

The laboratory shall report the result of the water activity test on the COA and indicate “pass” or “fail” on the COA.

(c) If the sample fails water activity testing, the batch from which the sample was collected fails water activity 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.

§ 5718. Residual Solvents and Processing Chemicals Testing.

(a) The laboratory shall analyze at minimum 0.25 grams of the representative sample of cannabis product or pre-rolls to determine whether residual solvents or processing chemicals are present.

(b) The laboratory shall report the result of the residual solvents and processing chemicals testing in unit micrograms per gram (µg/g) on the COA and indicate “pass” or “fail” on the COA.

(c) The sample shall be deemed to have passed the residual solvents and processing chemicals testing if the presence of any residual solvent or processing chemical listed in the following tables in Category I and Category II does not exceed the indicated action levels.

(1) Notwithstanding subsection (c), the limit for ethanol does not apply to cannabis goods that are intended to be orally-consumed products containing alcohol as defined in section 5700 of this division.

(2) Notwithstanding subsection (c), the limit for ethanol or isopropyl alcohol does not apply to cannabis goods that are intended to be topical cannabis goods as defined in section 5700 of this division.

Category I Residual Solvent or Processing Chemical	CAS No.	Cannabis Product or Pre-Roll Action Level (µg/g)
1,2-Dichloroethane	107-06-2	1.0
Benzene	71-43-2	1.0
Chloroform	67-66-3	1.0
Ethylene oxide	75-21-8	1.0
Methylene chloride	75-09-2	1.0
Trichloroethylene	79-01-6	1.0

Category II Residual Solvent or Processing Chemical	CAS No.	Cannabis Product or Pre-roll Action Level (µg/g)
Acetone	67-64-1	5000