4770.3030 POTENCY TESTING OF DRIED RAW CANNABIS.

Subpart 1. **Cannabinoid content.**

A. Before being packaged, a representative sample from each batch of dried raw cannabis must be tested to establish the concentration of cannabinoid analytes, reported as the percentage content by weight for:

(1) delta-9-tetrahydrocannabinol (THC);

(2) delta-9-tetrahydrocannabinolic acid (THCA);

(3) cannabidiol (CBD); and

(4) cannabidiolic acid (CBDA); and

(5) any other cannabinoid determined by the commissioner.

B. The commissioner must maintain a list on the Office of Medical Cannabis website (http://mn.gov/medicalcannabis) of all cannabinoids required to be analyzed by the testing laboratory. In addition to publication on the Office of Medical Cannabis website, updates to the list must be communicated by e-mail to each registered manufacturer and to each approved laboratory.

C. In addition, the testing laboratory must calculate and report the total THC content and total CBD content:

(1) total THC content is calculated:

Total THC = %THC + (%THCA x 0.877).

(2) total CBD content is calculated:

Total CBD = %CBD + (%CBDA x 0.877).

Subp. 2. **Triple preparation; sample potency.**

A. The testing laboratory must use a triple preparation to determine the potency of the sample. If multiple preparations are used, the reported potency must be the mean value of the results. The relative standard deviation between the tested samples must be ten percent or less.

B. The testing laboratory must notify in writing both the manufacturer and the commissioner if it requires a sample of more than two grams of dried raw cannabis to conduct the testing before the testing begins.

Statutory Authority: *MS s 14.389*

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