

64ER20-39 CMTL Sample Testing

(1) CMTLs shall test Final Products for the following: tetrahydrocannabinol potency, concentration of cannabidiol, and Contaminants Unsafe for Human Consumption. Contaminants Unsafe for Human Consumption include Microbes, Mycotoxins, Residual Solvents, Heavy Metals, Agricultural Agents, and Filth and Foreign Material.

(a) Notwithstanding the Acceptable Limits associated with paragraphs (2)(c)-(i), results must be reported accurately to three (3) significant figures as the concentration in parts per million (ppm) or parts per billion (ppb).

(b) Any test result that exceeds enumerated Acceptable Limits constitutes a failure. All failures for Microbes, Mycotoxins, Residual Solvents, Heavy Metals, and Agricultural Agents must be confirmed by the CMTL through reanalysis of the failed Target Analyte using a portion of stored sample equal in size to the portion of the sample used in the first test. Reanalysis of a failed Target Analyte must occur after the first test that registered the initial failure is completed. If reanalysis results are acceptable, the CMTL must perform a second reanalysis using a portion of the stored sample, equal in size to the first sample, to determine the final test result and document the cause of the inconsistent results.

(c) Analytical Batches which include a previously failed sample being retested, either for reanalysis of a failed Target Analyte, or resampling and retesting of a previously failed Retail Batch, must include the failing analyte in the Spike Solution for Laboratory Fortified Blanks and Matrix Spikes at a concentration equal to or below one half the Acceptable Limit and above the instrument LOQ of the failing analyte.

(d) Any test result that meets the requirements of an enumerated Acceptable Limit is satisfactory. Any product that may be administered via multiple routes of administration is subject to the more stringent Acceptable Limit contained herein.

(e) All testing results must be verified and reported on a Certificate of Analysis (COA). All COAs reporting a testing failure must clearly show the analyte which failed and its concentration. Testing results must be reported by the CMTL to the MMTC by providing the COA for the Retail Batch within 24 hours of verification of the COA. All failures must be reported to the department by providing the COA for the failed Retail Batch via email to OMMULabs@flhealth.gov within 24 hours of verification of the COA. For the purposes of this rule, a test result is considered verified when the Laboratory Director, or other qualified and authorized Employee, confirms the accuracy of the results in the COA.

(f) After resampling and retesting a previously failed Retail Batch, the CMTL must provide the following to the department via email to OMMUlabs@flhealth.gov within 24 hours of verification of the COA:

1. The COA (whether passing or failing) of the previously failed Retail Batch; and

2. The Data Package for the failed Testing Field(s).

(2) The following are Acceptable Limits:

(a) Microbes; Acceptable Limits for Usable Whole Flower Marijuana and Derivative Products including Edibles:

1. Shiga toxin producing Escherichia coli, less than 1 CFU per gram.

2. Any Salmonella species, less than 1 CFU per gram.

3. Aspergillus niger, Aspergillus fumigatus, Aspergillus flavus, Aspergillus terreus, less than 1 CFU per gram.

4. Total Aerobic microbial count, less than 100 CFU per gram in Non-Oral Transmucosal Products only.

5. Staphylococcus aureus, less than 1 CFU per gram in Non-Oral Transmucosal Products only.

6. Bile tolerant gram-negative bacteria, less than 1 CFU per gram in Non-Oral Transmucosal Products only.

(b) Total Combined Yeast and Mold; Acceptable Limits for Usable Whole Flower Marijuana and Derivative Products including Edibles:

1. Less than 100,000 CFU per gram.

2. Less than 10 CFU per gram in Non-Oral Transmucosal Products only.

(c) Mycotoxins; Acceptable Limits for Usable Whole Flower Marijuana and Derivative Products including Edibles:

1. B1 (CAS No. 1162-65-8), 20 parts per billion or less.

2. B2 (CAS No. 7220-81-7), 20 parts per billion or less.

3. G1 (CAS No. 1165-39-5), 20 parts per billion or less.

4. G2 (CAS No. 7241-98-7), 20 parts per billion or less.

5. Ochratoxin A (CAS No. 303-47-9), 20 parts per billion or less.

(d) Residual Solvents; Acceptable Limits for Derivative Products including Edibles:

1. Acetone (CAS No. 67-64-1), 750 parts per million or less.

2. Acetonitrile (CAS No. 75-05-8), 60 parts per million or less.

3. Benzene (CAS No. 71-43-3), one (1) part per million or less.

4. Butane (CAS No. 106-97-8), 5,000 parts per million or less.

5. Chloroform (CAS No. 67-66-3), two (2) parts per million or less.

6. 1, 2- dichloroethane (CAS No. 107-06-2), two (2) parts per million or less.

7. 1, 1- dichloroethene (CAS No. 75-35-4), eight (8) parts per million or less.

8. Ethanol (CAS No. 64-17-5), 5,000 parts per million or less. Products for topical administration, oral administration, and metered dose inhalers are exempt from the ethanol Acceptable Limit.

9. Ethyl acetate (CAS No. 141-78-6), 400 parts per million or less.

10. Ethyl ether (CAS No. 60-29-7), 500 parts per million or less.

11. Ethylene oxide (CAS No. 75-21-8), five (5) parts per million or less.

12. Heptane (CAS No. 142-82-5), 5,000 parts per million or less.

13. Hexane (CAS No. 110-54-3), 250 parts per million or less.

14. Isopropyl alcohol (CAS No. 67-63-0), 500 parts per million or less.

15. Methanol (CAS No. 67-56-1), 250 parts per million or less.

16. Methylene chloride (CAS No. 75-09-2), 125 parts per million or less.

17. Pentane (CAS No. 109-66-0), 750 parts per million or less.

18. Propane (CAS No. 74-98-6), 5,000 parts per million or less.

19. Trichloroethylene (CAS No. 79-01-6), 25 parts per million or less.

20. Toluene (CAS No. 108-88-3), 150 parts per million or less.

21. Total xylenes (m, p, o-xylenes) (CAS No. 1330-20-7), 150 parts per million or less.

(e) Heavy Metals: Acceptable Limits for Usable Whole Flower Marijuana and Derivative Product meant for inhalation:

1. Lead (CAS No. 7439-92-1), less than 500 parts per billion.

2. Arsenic (CAS No. 7440-38-2), less than 200 parts per billion.

3. Cadmium (CAS No. 7440-43-9), less than 200 parts per billion.

4. Mercury (CAS No. 7439-97-6), less than 200 parts per billion.

(f) Heavy Metals: Acceptable Limits for Usable Whole Flower Marijuana and Derivative Product not meant for inhalation including Edibles:

1. Lead (CAS No. 7439-92-1), less than 500 parts per billion.

2. Arsenic (CAS No. 7440-38-2), less than 1500 parts per billion.

3. Cadmium (CAS No. 7440-43-9), less than 500 parts per billion.

4. Mercury (CAS No. 7439-97-6), less than 3000 parts per billion.

(g) Agricultural Agents; Acceptable Limits for Usable Whole Flower Marijuana and Derivative Product meant for inhalation:

1. Abamectin (CAS No.71751-41-2), 100 parts per billion or less.

2. Acephate (CAS No.30560-19-1), 100 parts per billion or less.

3. Acequinocyl (CAS No.57960-19-7), 100 parts per billion or less.

4. Acetamiprid (CAS No.135410-20-7), 100 parts per billion or less.

5. Aldicarb (CAS No.116-06-3), 100 parts per billion or less.

6. Azoxystrobin (CAS No.131860-33-8), 100 parts per billion or less.

7. Bifenazate (CAS No.149877-41-8), 100 parts per billion or less.

8. Bifenthrin (CAS No. 82657-04-3), 100 parts per billion or less.

9. Boscalid (CAS No. 188425-85-6), 100 parts per billion or less.

10. Captan (CAS No. 133-06-2), 700 parts per billion or less.

11. Carbaryl (CAS No. 63-25-2), 500 parts per billion or less.

12. Carbofuran (CAS No. 1563-66-2), 100 parts per billion or less.

13. Chlorantraniliprole (CAS No. 500008-45-7), 1000 parts per billion or less.

14. Chlordane (CAS No. 57-74-9), 100 parts per billion or less.

15. Chlorfenapyr (CAS No.122453-73-0), 100 parts per billion or less.

16. Chlormequat chloride (CAS No. 999-81-5), 1000 parts per billion or less.

17. Chlorpyrifos (CAS No.2921-88-2), 100 parts per billion or less.

18. Clofentezine (CAS No.74115-24-5), 200 parts per billion or less.

19. Coumaphos (CAS No.56-72-4), 100 parts per billion or less.

20. Cyfluthrin (CAS No.68359-37-5), 500 parts per billion or less.

21. Cypermethrin (CAS No.52315-07-8), 500 parts per billion or less.

22. Daminozide (CAS No.1596-84-5), 100 parts per billion or less.

23. Diazinon (CAS No.333-41-5), 100 parts per billion or less.

24. Dichlorvos (CAS No.62-73-7), 100 parts per billion or less.

25. Dimethoate (CAS No.60-51-5), 100 parts per billion or less.
26. Dimethomorph (CAS No.110488-70-5), 200 parts per billion or less.
27. Ethoprophos (CAS No.13194-48-4), 100 parts per billion or less.
28. Etofenprox (CAS No.80844-07-1), 100 parts per billion or less.
29. Etoxazole (CAS No.153233-91-1), 100 parts per billion or less.
30. Fenhexamid (CAS No.126833-17-8), 100 parts per billion or less.
31. Fenoxycarb (CAS No.72440-01-8), 100 parts per billion or less.
32. Fenpyroximate (CAS No.134098-61-6), 100 parts per billion or less.
33. Fipronil (CAS No.120068-37-3), 100 parts per billion or less.
34. Flonicamid (CAS No.158062-67-0), 100 parts per billion or less.
35. Fludioxonil (CAS No.131341-86-1), 100 parts per billion or less.
36. Hexythiazox (CAS No.78587-05-0), 100 parts per billion or less.
37. Imazalil (CAS No.35554-44-0), 100 parts per billion or less.
38. Imidacloprid (CAS No.138261-41-3), 400 parts per billion or less.
39. Kresoxim-methyl (CAS No.143390-89-0), 100 parts per billion or less.
40. Malathion (CAS No.121-75-5), 200 parts per billion or less.
41. Metalaxyl (CAS No.57837-19-1), 100 parts per billion or less.
42. Methiocarb (CAS No.2032-65-7), 100 parts per billion or less.
43. Methomyl (CAS No.16752-77-5), 100 parts per billion or less.
44. Methyl parathion (CAS No.289-00-0), 100 parts per billion or less.
45. Mevinphos (CAS No.7786-34-7), 100 parts per billion or less.
46. Myclobutanil (CAS No.88671-89-0), 100 parts per billion or less.
47. Naled (CAS No.300-76-5), 250 parts per billion or less.
48. Oxamyl (CAS No.23135-22-0), 500 parts per billion or less.
49. Paclbutrazol (CAS No.76738-62-0), 100 parts per billion or less.
50. Pentachloronitrobenzene (CAS No.82-68-8), 150 parts per billion or less.
51. Permethrin (CAS No.52645-53-1), 100 parts per billion or less.
52. Phosmet (CAS No.732-11-6), 100 parts per billion or less.

53. Piperonyl butoxide (CAS No.51-03-6), 3000 parts per billion or less.
54. Prallethrin (CAS No.23031-36-9), 100 parts per billion or less.
55. Propiconazole (CAS No.60207-90-1), 100 parts per billion or less.
56. Propoxur (CAS No.144-26-1), 100 parts per billion or less.
57. Pyrethrins (CAS No.8003-34-7), 500 parts per billion or less.
58. Pyridaben (CAS No.96489-71-3), 200 parts per billion or less.
59. Spinetoram (CAS No.187166-15-0), 200 parts per billion or less.
60. Spinosad A and D (CAS No.168316-95-8, 131929-60-7), 100 parts per billion or less.
61. Spiromesifen (CAS No.283594-90-1), 100 parts per billion or less.
62. Spirotetramat (CAS No.203313-25-1), 100 parts per billion or less.
63. Spiroxamine (CAS No.118134-30-8), 100 parts per billion or less.
64. Tebuconazole (CAS No.107534-96-3), 100 parts per billion or less.
65. Thiacloprid (CAS No.111988-49-9), 100 parts per billion or less.
66. Thiamethoxam (CAS No.153719-23-4), 500 parts per billion or less.
67. Trifloxystrobin (CAS No.141517-21-7), 100 parts per billion or less.

The list above of Agricultural Agents does not constitute authorization to use or apply any of those Agricultural Agents during the cultivation or processing of marijuana.

(h) Agricultural Agents; Acceptable Limits for Usable Whole Flower Marijuana and Derivative Product not meant for inhalation, including Edibles:

1. Abamectin (CAS No.71751-41-2), 300 parts per billion or less.
2. Acephate (CAS No.30560-19-1), 3000 parts per billion or less.
3. Acequinocyl (CAS No.57960-19-7), 2000 parts per billion or less.
4. Acetamiprid (CAS No.135410-20-7), 3000 parts per billion or less.
5. Aldicarb (CAS No.116-06-3), 100 parts per billion or less.
6. Azoxystrobin (CAS No.131860-33-8), 3000 parts per billion or less.
7. Bifenazate (CAS No.149877-41-8), 3000 parts per billion or less.
8. Bifenthrin (CAS No. 82657-04-3), 500 parts per billion or less.
9. Boscalid (CAS No. 188425-85-6), 3000 parts per billion or less.

10. Captan (CAS No. 133-06-2), 3000 parts per billion or less.
11. Carbaryl (CAS No. 63-25-2), 500 parts per billion or less.
12. Carbofuran (CAS No. 1563-66-2), 100 parts per billion or less.
13. Chlorantraniliprole (CAS No. 500008-45-7), 3000 parts per billion or less.
14. Chlordane (CAS No. 57-74-9), 100 parts per billion or less.
15. Chlorfenapyr (CAS No. 122453-73-0), 100 parts per billion or less.
16. Chlormequat chloride (CAS No. 999-81-5), 3000 parts per billion or less.
17. Chlorpyrifos (CAS No. 2921-88-2), 100 parts per billion or less.
18. Clofentezine (CAS No. 74115-24-5), 500 parts per billion or less.
19. Coumaphos (CAS No. 56-72-4), 100 parts per billion or less.
20. Cyfluthrin (CAS No. 68359-37-5), 1000 parts per billion or less.
21. Cypermethrin (CAS No. 52315-07-8), 1000 parts per billion or less.
22. Daminozide (CAS No. 1596-84-5), 100 parts per billion or less.
23. Diazinon (CAS No. 333-41-5), 200 parts per billion or less.
24. Dichlorvos (CAS No. 62-73-7), 100 parts per billion or less.
25. Dimethoate (CAS No. 60-51-5), 100 parts per billion or less.
26. Dimethomorph (CAS No. 110488-70-5), 3000 parts per billion or less.
27. Ethoprophos (CAS No. 13194-48-4), 100 parts per billion or less.
28. Etofenprox (CAS No. 80844-07-1), 100 parts per billion or less.
29. Etoxazole (CAS No. 153233-91-1), 1500 parts per billion or less.
30. Fenhexamid (CAS No. 126833-17-8), 3000 parts per billion or less.
31. Fenoxycarb (CAS No. 72440-01-8), 100 parts per billion or less.
32. Fenpyroximate (CAS No. 134098-61-6), 2000 parts per billion or less.
33. Fipronil (CAS No. 120068-37-3), 100 parts per billion or less.
34. Flonicamid (CAS No. 158062-67-0), 2000 parts per billion or less.
35. Fludioxonil (CAS No. 131341-86-1), 3000 parts per billion or less.
36. Hexythiazox (CAS No. 78587-05-0), 2000 parts per billion or less.
37. Imazalil (CAS No. 35554-44-0), 100 parts per billion or less.

38. Imidacloprid (CAS No.138261-41-3), 3000 parts per billion or less.
39. Kresoxim-methyl (CAS No.143390-89-0), 1000 parts per billion or less.
40. Malathion (CAS No.121-75-5), 2000 parts per billion or less.
41. Metalaxyl (CAS No.57837-19-1), 3000 parts per billion or less.
42. Methiocarb (CAS No.2032-65-7), 100 parts per billion or less.
43. Methomyl (CAS No.16752-77-5), 100 parts per billion or less.
44. Methyl parathion (CAS No.289-00-0), 100 parts per billion or less.
45. Mevinphos (CAS No.7786-34-7), 100 parts per billion or less.
46. Myclobutanil (CAS No.88671-89-0), 3000 parts per billion or less.
47. Naled (CAS No.300-76-5), 500 parts per billion or less.
48. Oxamyl (CAS No.23135-22-0), 500 parts per billion or less.
49. Paclobutrazol (CAS No.76738-62-0), 100 parts per billion or less.
50. Pentachloronitrobenzene (CAS No.82-68-8), 200 parts per billion or less.
51. Permethrin (CAS No.52645-53-1), 1000 parts per billion or less.
52. Phosmet (CAS No.732-11-6), 200 parts per billion or less.
53. Piperonyl butoxide (CAS No.51-03-6), 3000 parts per billion or less.
54. Prallethrin (CAS No.23031-36-9), 400 parts per billion or less.
55. Propiconazole (CAS No.60207-90-1), 1000 parts per billion or less.
56. Propoxur (CAS No.144-26-1), 100 parts per billion or less.
57. Pyrethrins (CAS No.8003-34-7), 1000 parts per billion or less.
58. Pyridaben (CAS No.96489-71-3), 3000 parts per billion or less.
59. Spinetoram (CAS No.187166-15-0), 3000 parts per billion or less.
60. Spinosad A and D (CAS No.168316-95-8, 131929-60-7), 3000 parts per billion or less.
61. Spiromesifen (CAS No.283594-90-1), 3000 parts per billion or less.
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63. Spiroxamine (CAS No.118134-30-8), 100 parts per billion or less.
64. Tebuconazole (CAS No.107534-96-3), 1000 parts per billion or less.
65. Thiacloprid (CAS No.111988-49-9), 100 parts per billion or less.

66. Thiamethoxam (CAS No.153719-23-4), 1000 parts per billion or less.

67. Trifloxystrobin (CAS No.141517-21-7), 3000 parts per billion or less.

The list above of Agricultural Agents does not constitute authorization to use or apply any of those Agricultural Agents during the cultivation or processing of marijuana.

(i) Total Contaminant Load; Acceptable Limits for:

1. Usable Whole Flower Marijuana and Derivative Product meant for inhalation, five (5) parts per million or less.

2. Usable Whole Flower Marijuana, Derivative Product, not meant for inhalation, including Edibles, 30 parts per million or less.

(j) A Testing Sample containing levels of any Microbe, Residual Solvent, Heavy Metal, or Agricultural Agent, that is not otherwise enumerated in this rule and that could be toxic if consumed or applied by a qualified patient, shall be deemed to fail Acceptable Limits testing.

(k) Water Activity; Acceptable Limits for Usable Whole Flower Marijuana, Derivative Product, including Edibles:

1. Usable Whole Flower Marijuana, Water Activity 0.65 Aw or less. A testing result of greater than 0.65 Aw in Usable Whole Flower Marijuana constitutes a failure for Water Activity.

2. Solid and semi-solid Derivative Product or Edible, Water Activity of 0.85 Aw or less, with the exception of water-based products which will not be held to Water Activity standards. A testing result of great than 0.85 Aw in a solid and semi-solid derivative product or edible constitutes a failure for Water Activity.

3. Results must be reported accurately to two (2) significant figures.

(l) CMTLs must test Usable Whole Flower Marijuana for Moisture content. Usable Whole Flower Marijuana that has a Moisture content below 15.0% is acceptable for Moisture content testing. A testing result of greater than 15.0% in Usable Whole Flower Marijuana constitutes a failure for Moisture. Results must be reported to the nearest tenth of a percent.

(m) Filth and Foreign Materials. Each Final Product sampled must be visually inspected by the CMTL for Filth and Foreign Materials before being used to create a Testing Sample. A testing result greater than the Acceptable Limit constitutes a failure for Filth and Foreign Material. Acceptable Limits for Usable Whole Flower Marijuana and Derivative Product, including Edibles:

1. Filth and Foreign Material (to include mold, mildew, fungus, hair, insects, packaging contaminants, processing waste, or other similar marijuana cultivation and manufacturing by-products), not more than an average of 1% by weight, or cover more than 10% of the total sample area.

2. Any feces, not more than 0.5 milligrams per kilogram.

(3) Potency Testing. Potency Testing for Usable Whole Flower Marijuana, and Derivative Product, including Edibles must include the amount, in milligrams, of total active THC and total active CBD in the Final Product. The total amount of active THC and active CBD in non-inhalation Derivative Products and in Edibles must be reported in milligrams, accurate to three (3) significant figures, as the concentration of THC and CBD in milligrams per gram multiplied by the total weight of the product. For inhalation Derivative Products and Usable Whole Flower Marijuana, total active THC in milligrams must be calculated as the concentration of THC + (concentration of THCA multiplied by 0.877) in milligrams per gram multiplied by the total weight of the product. For inhalation Derivative Products and Usable Whole Flower Marijuana, total active CBD in milligrams must be calculated as the concentration of CBD + (concentration of CBDA multiplied by 0.877) in milligrams per gram multiplied by the total weight of the product. Usable Whole Flower Marijuana Potency must be reported at the CMTL-tested Moisture content. If testing Potency on Usable Whole Flower Marijuana at a Moisture content less than the tested Moisture content, the testing results must be corrected to report Potency results at the CMTL-tested Moisture content (e.g. If testing Potency at 0 percent moisture, the following formula would apply: Potency at CMTL-tested Moisture = Tested Potency Value x ((100- Percent Moisture of Sample) ÷ 100).

(4) Cannabinoid Profile. The Cannabinoid Profile results must be reported as a percentage, accurate to three significant figures, as the concentration in milligrams per gram of each individual cannabinoid divided by the total concentration of all cannabinoids in milligrams per gram multiplied by 100. The CMTL must test for the following cannabinoids:

(a) d9-Tetrahydrocannabinoid (d9-THC), CAS No. 1972-08-3.

(b) d8-Tetrahydrocannabinoid (d8-THC), CAS No. 5957-75-5.

(c) d9-Tetrahydrocannabinolic acid (THCA), CAS No. 23978-85-0.

(d) Tetrahydrocannabivarin (THCV), CAS No. 31262-37-0.

(e) Cannabidiol (CBD), CAS No. 13956-29-1.

(f) Cannabidiolic acid (CBDA), CAS No. 1244-58-2.

(g) Cannabidivarin (CBDV), CAS No. 24274-48-4.

(h) Cannabigerol (CBG), CAS No. 25654-31-3.

(i) Cannabigerolic acid (CBGA), CAS No. 25555-57-1.

(j) Cannabinol (CBN), CAS No. 521-35-7.

(k) Cannabichromene (CBC), CAS No. 20675-51-8.

(5) Samples are not required to be labeled for potency. If included on the sample label by an MMTc, potency concentrations must meet the following criteria:

(a) If the tested concentration per Final Product of total active THC, total active CBD, or any individual cannabinoid is greater than 25 milligrams, the concentration printed on the Final Product packaging may vary by 10% of the tested concentration.

(b) If the tested concentration per Final Product of total active THC, total active CBD, or any individual cannabinoid is 25 milligrams or less, the concentration printed on the Final Product packaging may vary by 50% of the tested concentration.

(c) If the tested concentration per Final Product of total active THC, total active CBD, or any individual cannabinoid is 10 milligrams or less, the tested concentration printed on the Final Product packaging must also be 10 milligrams or less.

Labeled potency concentrations that fall outside of these specifications result in a failure for labeled potency.

(6) When testing Edibles, CMTLs must test for potency and must perform homogeneity testing for multi-serving edibles.

(a) A multi-serving edible may not contain more than 200 milligrams of THC. A single serving edible or a single serving portion of a multi-serving edible may not exceed 10 milligrams of THC. Edibles may have a potency variance of up to 15 percent from the 200 milligram and 10 milligram THC thresholds. An edible that exceeds the allowable variance constitutes a failure.

(b) Homogeneity sampling and testing of multi-serving Edibles shall be in accordance with the following table.

Edible batch sizes are capped at 5,000 Final Products per Retail Batch:

<u>TOTAL NUMBER OF FINAL PRODUCTS IN THE RETAIL BATCH</u>	<u>NUMBER OF FINAL PRODUCTS TO BE SAMPLED</u>	<u>SINGLE SERVINGS TESTED PER FINAL PRODUCT</u>	<u>TOTAL NUMBER OF SINGLE SERVINGS TESTED</u>
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<u>1-249</u>	<u>1</u>	<u>3</u>	<u>3</u>
<u>250-499</u>	<u>2</u>	<u>3</u>	<u>6</u>
<u>500-749</u>	<u>3</u>	<u>3</u>	<u>9</u>
<u>750-999</u>	<u>4</u>	<u>3</u>	<u>12</u>
<u>1000-1199</u>	<u>6</u>	<u>2</u>	<u>12</u>
<u>1200-1399</u>	<u>7</u>	<u>2</u>	<u>14</u>
<u>1400-1599</u>	<u>8</u>	<u>2</u>	<u>16</u>
<u>1600-1799</u>	<u>9</u>	<u>2</u>	<u>18</u>
<u>1800-1999</u>	<u>10</u>	<u>2</u>	<u>20</u>
<u>2000-2499</u>	<u>11</u>	<u>2</u>	<u>22</u>
<u>2500-2999</u>	<u>12</u>	<u>2</u>	<u>24</u>
<u>3000-3999</u>	<u>13</u>	<u>2</u>	<u>26</u>
<u>4000-5000</u>	<u>14</u>	<u>2</u>	<u>28</u>

(c) The percent relative standard deviation of each Retail Batch of edibles must be calculated using Total Active THC and Total Active CBD values from all servings tested using the following formula: Percent Relative Standard Deviation = (Standard Deviation of Sample / Average of Sample) x 100. A percent relative standard deviation greater than 25% constitutes a failure of homogeneity testing.

(7) CMTLs must report any Testing Sample that is found to contain a level of any contaminant not listed in this rule that could be injurious to human health if consumed or otherwise introduced to the human body. The CMTL must report such findings to the MMTC from which the sample was collected and to the department at OMMUlabs@flhealth.gov within 24 hours of the finding. Test results of samples tested for research and development purposes only are not required to be reported to the department.

(a) Any COA generated for research and development samples must be clearly labeled “R&D ONLY NOT FOR RETAIL.”

(b) Any COA generated by the testing of non-marijuana products (water, growth medium, nutrients, product ingredient, product packaging) must accurately describe the material tested.

(8) CMTLs must maintain at least one sterile untested portion of each Testing Sample, whether having passed or failed any testing. These Testing Samples must be securely stored for a minimum of 45 days before being destroyed. Every Testing Sample that is destroyed must be logged by the CMTL. Testing Samples that have been stored a minimum of 45 days may be used by the CMTL for in-house method development and validation prior to being destroyed.

Rulemaking Authority 381.986(8)(k), 381.986(8)(e)11.d., 381.988(3), 381.988(9) FS. Law Implemented 381.986, 381.988, FS. History—New.