

Bulletin Number: OK_IB_0019 Updated	Distribution Date: 12/21/2023	Effective Date: 2/5/2024
Contact Point: Metrc® Support	Subject: Lab Test Batch and Item Category Guidance	
Reason: This bulletin provides guidance to industry users on the categorization of different products and the corresponding required lab test batches.		

Greetings,

Provided below is industry guidance regarding the usage of item categories and corresponding lab test batches. The chart groups the products under each stage of packaging and production in the first column. In each stage, the list of item categories includes common products that would be associated to each item category in the second column. The third column indicates what required lab test batches must be chosen when creating test sample packages.

This guide does not constitute legal advice and licensees are encouraged to seek private legal counsel.

Please see the following pages for details:

Production Stage/Product	Product Category in Metrc	Lab Test Batch & Required Testing
<p>Finished Plant Material</p>	<p>Raw Plant Material</p> <ul style="list-style-type: none"> • Flower & Buds (Single Harvest, Single Strain) • Shake/Trim (Single Harvest, Single Strain) • Shake/Trim (Multi Harvest, Multi/Single Strain from previously tested and passed Harvest Batches) 	<p>Raw Plant Material</p> <ul style="list-style-type: none"> • Microbials • Heavy Metals • Pesticides • Potency (including) <ul style="list-style-type: none"> ➤ Total THC and Cannabinoid Concentration ➤ Terpenoid Type and Concentration • Water Activity • Moisture Content • Foreign Materials and Filth
<p>Finished Plant Material</p>	<p>Whole Wet Plant</p> <ul style="list-style-type: none"> • Flash Frozen/Fresh Frozen/Whole Wet Plant 	<p>Flash Frozen/ Whole Wet Plant</p> <ul style="list-style-type: none"> • Microbials • Heavy Metals • Pesticides • Potency (including) <ul style="list-style-type: none"> ➤ Total THC and Cannabinoid Concentration ➤ Terpenoid Type and Concentration • Foreign Materials and Filth

Production Stage/Product	Product Category in Metrc	Lab Test Batch & Required Testing
<p>Finished Plant Material</p>	<p>Kief</p> <ul style="list-style-type: none"> • Kief (Single Harvest) • Kief (Multi-Harvest from previously tested and passed Harvest Batches) 	<p>Kief (Single Harvest) or Kief (Multi-Harvest)</p> <ul style="list-style-type: none"> • Microbials • Heavy Metals • Pesticides • Potency (including) <ul style="list-style-type: none"> ➤ Total THC and Cannabinoid Concentration ➤ Terpenoid Type and Concentration • Water Activity • Moisture Content • Foreign Materials and Filth
<p>Finished Plant Material</p>	<p>Pre-Rolls (Flower only)</p> <ul style="list-style-type: none"> • Raw Pre-Rolls (Non-Infused Flower Only)- Single Harvest (Previously Tested Flower/Shake/Trim-Test Passed) 	<p>Raw Pre-Rolls (Single Harvest Batch)</p> <ul style="list-style-type: none"> • Potency (including) <ul style="list-style-type: none"> ➤ Total THC and Cannabinoid Concentration • Heavy Metals • Foreign Material and Filth

Production Stage/Product	Product Category in Metrc	Lab Test Batch & Required Testing
<p>Finished Plant Material</p>	<p>Pre-Rolls (Flower only)-continued</p> <ul style="list-style-type: none"> • Raw Pre-Rolls (Non-infused Flower Only)- Single Harvest (Untested Flower or Shake/Trim)* • Raw Pre-Rolls (Non-Infused Flower Only)- Multiple Harvest 	<p>Raw Pre-rolls (Single Harvest & Untested Flower)</p> <ul style="list-style-type: none"> • Microbials • Heavy Metals • Pesticides • Potency (including) <ul style="list-style-type: none"> ➤ Total THC and Cannabinoid Concentration ➤ Terpenoid Type and Concentration • Water Activity • Moisture Content • Foreign Materials and Filth <p>Raw Pre-Rolls (Multi-Harvest Batch)</p> <ul style="list-style-type: none"> • Microbials • Heavy Metals • Pesticides • Potency (including) <ul style="list-style-type: none"> ➤ Total THC and Cannabinoid Concentration ➤ Terpenoid Type and Concentration • Water Activity • Moisture Content • Foreign Materials and Filth

*Growers producing non-infused pre-rolls from a single harvest batch of flower, bud, shake, or trim grown on the licensed premise which has passed full compliance testing are required to conduct additional testing on such non-infused pre-rolls only for heavy metals, THC and cannabinoid concentration and foreign materials and filth. OAC 442:10-8-1(s)(1)(A).

Production Stage/Product	Product Category in Metrc	Required Testing
<p>Cannabis Concentrate/Extract</p>	<p>Concentrate</p> <p>Including but not limited to:</p> <ul style="list-style-type: none"> • Live Resin • Rosin • Hash • Shatter • Oil (Not Vape Oil) • Wax • Budder, Batter, Badder • Crumble • Tinctures- (Infused Edible or Non-edible item category tested as a Concentrate) • Distillate • Isolates & Crystalline Diamonds • Sap • Sugar 	<p>Solvent Based Concentrate & Non-Solvent Concentrate</p> <ul style="list-style-type: none"> • Microbials • Mycotoxins • Residual Solvents • Heavy Metals • Pesticides • Potency (including) <ul style="list-style-type: none"> ➤ Total THC and Cannabinoid Concentration ➤ Terpenoid Type and Concentration • Foreign Materials and Filth

Production Stage/Product	Product Category in Metrc	Lab Test Batch & Required Testing
<p>Cannabis Concentrate/Extract</p>	<p>Vape Carts</p>	<p>Vape Cart</p> <ul style="list-style-type: none"> • Microbials • Mycotoxins • Residual Solvents • Heavy Metals • Pesticides • Potency (including) <ul style="list-style-type: none"> ➤ Total THC and Cannabinoid Concentration ➤ Terpenoid Type and Concentration • Foreign Materials and Filth
<p>Marijuana Infused Products</p>	<p>Infused Flower (Flower infused with Kief only)</p> <p>Note: For infused flower including Kief <u>AND</u> other concentrate(s) see Infused Non-edible</p>	<p>Infused Flower (Flower + Kief only)-Processor only</p> <ul style="list-style-type: none"> • Microbials • Heavy Metals • Pesticides • Potency (including) <ul style="list-style-type: none"> ➤ Total THC and Cannabinoid Concentration ➤ Terpenoid Type and Concentration • Water Activity • Moisture Content • Foreign Materials and Filth

Production Stage/Product	Product Category in Metrc	Lab Test Batch & Required Testing
<p>Marijuana Infused Products</p>	<p>Infused Edible (includes concentrate previously tested)</p> <p>Including but not limited to:</p> <ul style="list-style-type: none"> • Cookies, Cakes, Brownies • Gummy products • Beverage- Non-Dairy • Syrup <p>Infused Edible (includes untested concentrate)</p> <p>Including but not limited to:</p> <ul style="list-style-type: none"> • Cookies, Cakes, Brownies • Gummy products • Beverage- Non-Dairy • Syrup 	<p>Infused Edible †</p> <ul style="list-style-type: none"> • Microbials • Mycotoxins • Potency <ul style="list-style-type: none"> ➢ Total THC and Cannabinoid Concentration ➢ Terpenoid Type and Concentration • Pesticides • Foreign Materials and Filth <p>Infused Edible (Untested Concentrate)</p> <ul style="list-style-type: none"> • Microbials • Mycotoxins • Residual Solvents • Heavy Metals • Pesticides • Potency (including) <ul style="list-style-type: none"> ➢ Total THC and Cannabinoid Concentration ➢ Terpenoid Type and Concentration • Foreign Materials and Filth

† Assumes the same licensed processor is not creating both the concentrate and the final product. Licensed processors creating both the concentrate and the final product are not required to test for residual solvents and metals where the concentrate used to make the infused product was tested for residual solvents, and metals previously and the concentrate batch was found to be within established limits. OAC 442:10-8-1(i)(3) and (i)(4)(C).

Production Stage/Product	Product Category in Metrc	Lab Test Batch & Required Testing
	<p>Infused Non- Edible (includes concentrate previously tested)</p> <p>Including but not limited to:</p> <ul style="list-style-type: none"> • Lotions, topicals, suppositories, etc. • Pain Pills, Salve, Balm, Pain Patches, Capsules, Lozenges • Infused flower that includes Kief <u>AND</u> other concentrates. <p>Infused Non-Edible (includes untested concentrate)</p> <p>Including but not limited to:</p> <ul style="list-style-type: none"> • Lotions, topicals, suppositories, etc. • Pain pills, Salve, Balm, Pain Patches, Capsules, Lozenges • Infused flower that includes Kief <u>AND</u> other untested concentrate(s). 	<p>Infused Non- Edible †</p> <ul style="list-style-type: none"> • Microbials • Mycotoxins • Pesticides • Potency (including) <ul style="list-style-type: none"> ➤ Total THC and Cannabinoid Concentration ➤ Terpenoid Type and Concentration • Foreign Materials and Filth <p>Infused Non-Edible (Untested Concentrate)</p> <ul style="list-style-type: none"> • Microbials • Mycotoxins • Residual Solvents • Heavy Metals • Pesticides • Potency (including) <ul style="list-style-type: none"> ➤ Total THC and Cannabinoid Concentration ➤ Terpenoid Type and Concentration • Foreign Materials and Filth

† Assumes the same licensed processor is not creating both the concentrate and the final product. Licensed processors creating both the concentrate and the final product are not required to test for residual solvents and metals where the concentrate used to make the infused product was tested for residual solvents, and metals previously and the concentrate batch was found to be within established limits. OAC 442:10-8-1(i)(3) and (i)(4)(C).

Production Stage/Product	Product Category in Metrc	Lab Test Batch & Required Testing
<p>Marijuana Infused Products- Specific</p>	<p>Infused Pre-rolls (include concentrate previously tested)</p>	<p>Infused Pre-rolls ††</p> <ul style="list-style-type: none"> • Microbials • Mycotoxins • Potency (including) <ul style="list-style-type: none"> ➤ Total THC and Cannabinoid Concentration ➤ Terpenoid Type and Concentration • Pesticides • Heavy Metals • Water Activity • Moisture Content • Foreign Materials and Filth

†† Assumes the same licensed processor is not creating both the concentrate and the final product- Infused pre-rolls. Infused pre-rolls are required to undergo testing for microbials, mycotoxins, residual solvents, heavy metals, pesticide residue, THC and cannabinoid concentration, terpenoid type and concentration, and water activity and moisture content. Licensed processors creating both the concentrate and the final product-Infused pre-roll are not required to test for residual solvents where the concentrate used to make the infused pre-roll was tested for residual solvents previously and the concentrate batch was found to be within established limits. OAC 442:10-8-1(s)(B).

Production Stage/Product	Product Category in Metrc	Lab Test Batch & Required Testing
	<p>Infused Pre-rolls (include untested concentrate)</p>	<p>Infused Pre-rolls (Untested Concentrate)</p> <ul style="list-style-type: none"> • Microbials • Mycotoxins • Residual Solvents • Heavy Metal • Pesticides • Potency (including) <ul style="list-style-type: none"> ➤ Total THC and Cannabinoid Concentration ➤ Terpenoid Type and Concentration • Water Activity • Moisture Content • Foreign Materials and Filth

Production Stage/Product	Product Category in Metrc	Lab Test Batch & Required Testing
	<p>Metered Dose Nasal Spray (includes previously tested concentrate)</p>	<p>Metered Dose Nasal Spray †</p> <ul style="list-style-type: none"> • Microbials (analytes listed below) <ul style="list-style-type: none"> ➤ Bile Tolerant Gram-Negative Bacteria ➤ Staphylococcus aureus ➤ Total Aerobic Microbial Count ➤ Total Yeast and Mold • Mycotoxins • Pesticides • Potency (including) <ul style="list-style-type: none"> ➤ Total THC and Cannabinoid Concentration ➤ Terpenoid Type and Concentration • Foreign Materials and Filth

† Assumes the same licensed processor is not creating both the concentrate and the final product. Licensed processors creating both the concentrate and the final product are not required to test for residual solvents and metals where the concentrate used to make the infused product was tested for residual solvents, and metals previously and the concentrate batch was found to be within established limits. OAC 442:10-8-1(i)(3) and (i)(4)(C).

Production Stage/Product	Product Category in Metrc	Lab Test Batch & Required Testing
	<p>Metered Dose Nasal Spray (includes untested concentrate)</p>	<p>Metered Dose Nasal Spray (Untested Concentrate)</p> <ul style="list-style-type: none"> • Microbials (analytes listed below) <ul style="list-style-type: none"> ➤ Bile Tolerant Gram-Negative Bacteria ➤ Staphylococcus aureus ➤ Total Aerobic Microbial Count ➤ Total Yeast and Mold • Mycotoxins • Residual Solvents • Heavy Metals • Pesticides • Potency (including) <ul style="list-style-type: none"> ➤ Total THC and Cannabinoid Concentration ➤ Terpenoid Type and Concentration • Foreign Materials and Filth

Production Stage/Product	Product Category in Metrc	Lab Test Batch & Required Testing
	<p>Pressurized Metered Dose Inhaler</p> <p>(includes previously tested concentrate)</p>	<p>Pressurized Metered Dose Inhaler †</p> <ul style="list-style-type: none"> • Microbials (analytes listed below) <ul style="list-style-type: none"> ➤ Bile Tolerant Gram-Negative Bacteria ➤ Staphylococcus aureus ➤ Total Aerobic Microbial Count ➤ Total Yeast and Mold • Mycotoxins • Pesticides • Potency (including) <ul style="list-style-type: none"> ➤ Total THC and Cannabinoid Concentration ➤ Terpenoid Type and Concentration • Foreign Materials and Filth

† Assumes the same licensed processor is not creating both the concentrate and the final product. Licensed processors creating both the concentrate and the final product are not required to test for residual solvents and metals where the concentrate used to make the infused product was tested for residual solvents, and metals previously and the concentrate batch was found to be within established limits. OAC 442:10-8-1(i)(3) and (i)(4)(C).

Production Stage/Product	Product Category in Metrc	Lab Test Batch & Required Testing
	<p>Pressurized Metered Dose Inhaler</p> <p>(includes untested concentrate)</p>	<p>Pressurized Metered Dose Inhaler (Untested Concentrate)</p> <ul style="list-style-type: none"> • Microbials (analytes listed below) <ul style="list-style-type: none"> ➤ Bile Tolerant Gram-Negative Bacteria ➤ Staphylococcus aureus ➤ Total Aerobic Microbial Count ➤ Total Yeast and Mold • Mycotoxins • Residual Solvents • Heavy Metals • Pesticides • Potency (including) <ul style="list-style-type: none"> ➤ Total THC and Cannabinoid Concentration ➤ Terpenoid Type and Concentration • Foreign Materials and Filth

Production Stage/Product	Product Category in Metrc	Lab Test Batch & Required Testing
	<p>Rectal Administration Product</p> <p>(includes previously tested concentrate)</p>	<p>Rectal Administration Product †</p> <ul style="list-style-type: none"> • Microbials (analytes listed below) <ul style="list-style-type: none"> ➤ Total Aerobic Microbial Count ➤ Total Yeast and Mold • Mycotoxins • Pesticides • Potency (including) <ul style="list-style-type: none"> ➤ Total THC and Cannabinoid Concentration ➤ Terpenoid Type and Concentration • Foreign Materials and Filth

† Assumes the same licensed processor is not creating both the concentrate and the final product. Licensed processors creating both the concentrate and the final product are not required to test for residual solvents and metals where the concentrate used to make the infused product was tested for residual solvents, and metals previously and the concentrate batch was found to be within established limits. OAC 442:10-8-1(i)(3) and (i)(4)(C).

Production Stage/Product	Product Category in Metrc	Lab Test Batch & Required Testing
	<p>Rectal Administration Product</p> <p>(includes untested concentrate)</p>	<p>Rectal Administration Product (Untested Concentrate)</p> <ul style="list-style-type: none"> • Microbials (analytes listed below) <ul style="list-style-type: none"> ➤ Total Aerobic Microbial Count ➤ Total Yeast and Mold • Mycotoxins • Residual Solvents • Heavy Metals • Pesticides • Potency (including) <ul style="list-style-type: none"> ➤ Total THC and Cannabinoid Concentration ➤ Terpenoid Type and Concentration • Foreign Materials and Filth

Production Stage/Product	Product Category in Metrc	Lab Test Batch & Required Testing
	<p>Vaginal Administration Product</p> <p>(includes previously tested concentrate)</p>	<p>Vaginal Administration Product †</p> <ul style="list-style-type: none"> • Microbials (analytes listed below) <ul style="list-style-type: none"> ➤ Candida albicans ➤ Pseudomonas aeruginosa ➤ Staphylococcus aureus ➤ Total Aerobic Microbial Count ➤ Total Yeast and Mold • Mycotoxins • Pesticides • Potency (including) <ul style="list-style-type: none"> ➤ Total THC and Cannabinoid Concentration ➤ Terpenoid Type and Concentration • Foreign Materials and Filth

† Assumes the same licensed processor is not creating both the concentrate and the final product. Licensed processors creating both the concentrate and the final product are not required to test for residual solvents and metals where the concentrate used to make the infused product was tested for residual solvents, and metals previously and the concentrate batch was found to be within established limits. OAC 442:10-8-1(i)(3) and (i)(4)(C).

Production Stage/Product	Product Category in Metrc	Lab Test Batch & Required Testing
	<p>Vaginal Administration Product</p> <p>(includes untested concentrate)</p>	<p>Vaginal Administration Product (Untested Concentrate)</p> <ul style="list-style-type: none"> • Microbials (analytes listed below) <ul style="list-style-type: none"> ➤ Candida albicans ➤ Pseudomonas aeruginosa ➤ Staphylococcus aureus ➤ Total Aerobic Microbial Count ➤ Total Yeast and Mold • Mycotoxins • Residual Solvents • Heavy Metals • Pesticides • Potency (including) <ul style="list-style-type: none"> ➤ Total THC and Cannabinoid Concentration ➤ Terpenoid Type and Concentration • Foreign Materials and Filth