

# Cannabis Analytical Testing Report



Department of  
Cannabis Control  
CALIFORNIA

The data provided is since the inception of the Department of Cannabis Control: **July 12, 2021**

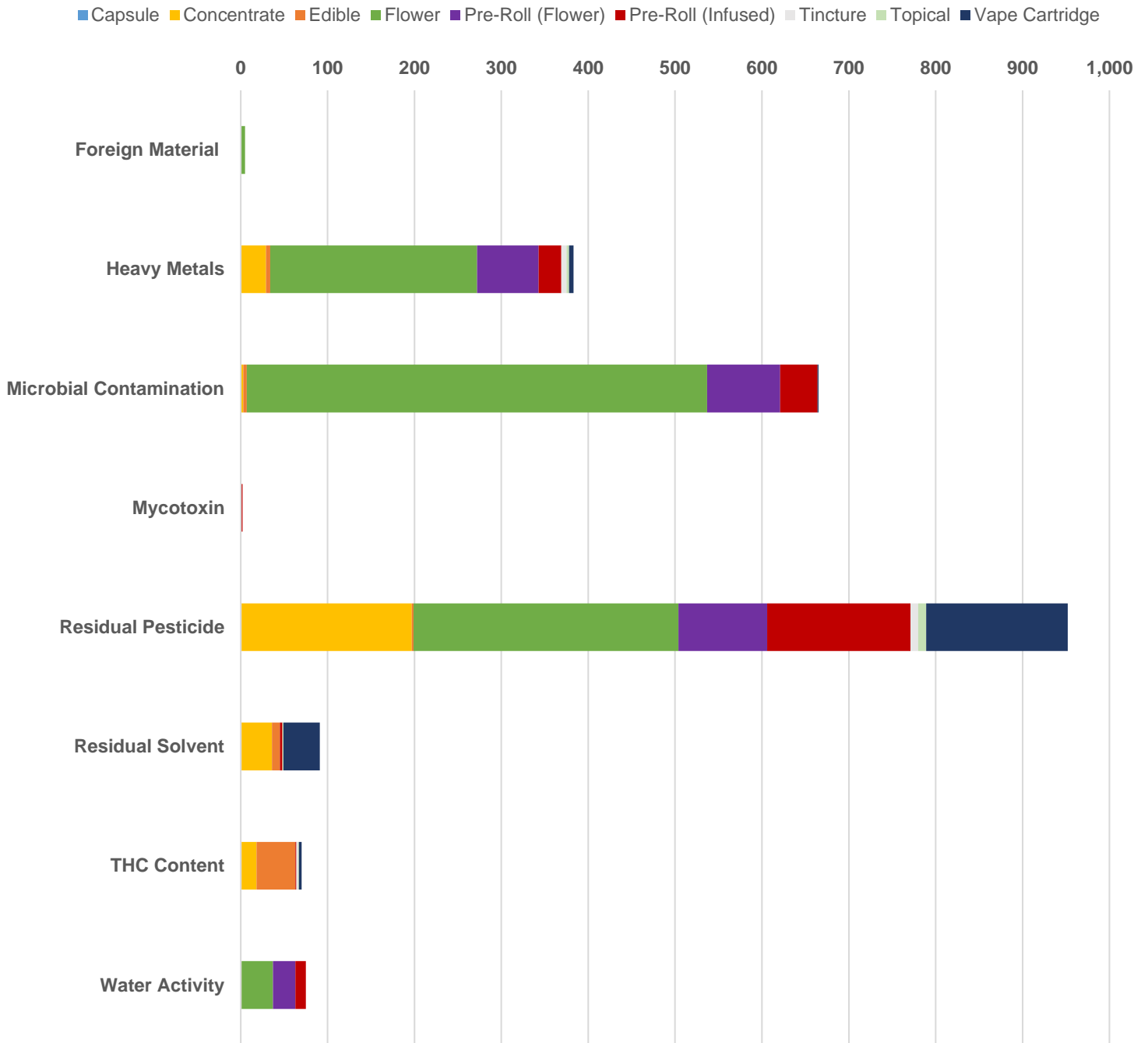
## Cannabis Goods Batch Testing by Goods Category \*

Cannabis Goods	Failed	Passed	Total
Capsule	3	457	460
Concentrate	236	16,849	17,085
Edible	61	12,301	12,362
Flower	942	53,756	54,698
Pre-Roll (Flower)	234	13,066	13,300
Pre-Roll (Infused)	176	8,853	9,029
Tincture	14	1,649	1,663
Topical	12	832	844
Vape Cartridge	176	20,054	20,230
<b>Total Batches</b>	<b>1,854</b>	<b>127,817</b>	<b>129,671</b>

\* This data pertains to batch testing. Depending on the cannabis goods, the batch sizes must meet either 4 CCR 15707 or 15708.

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## Failed Cannabis Goods Category by Regulatory Compliance Testing Category\*

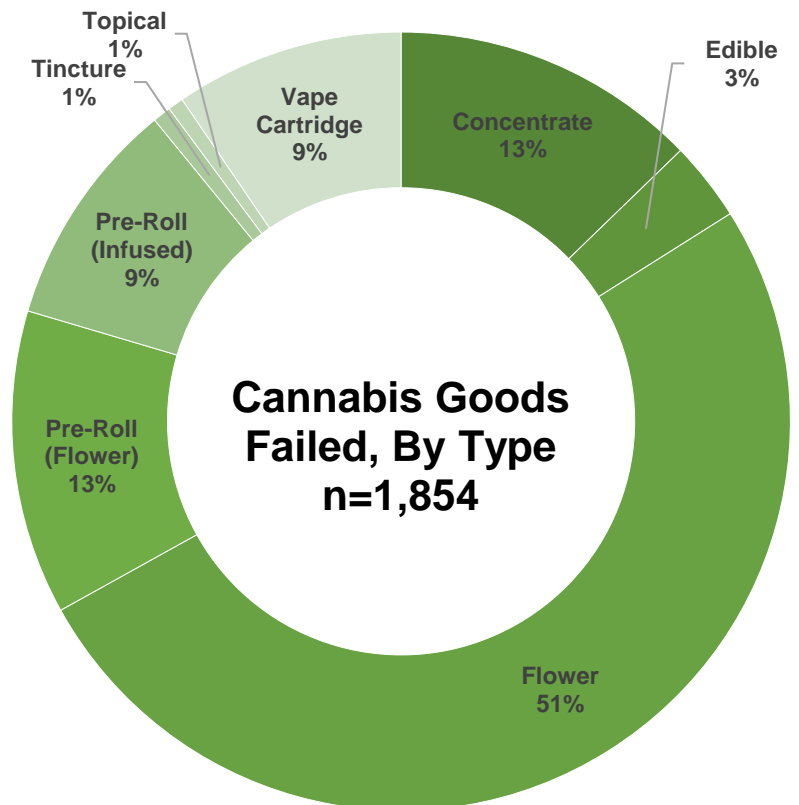
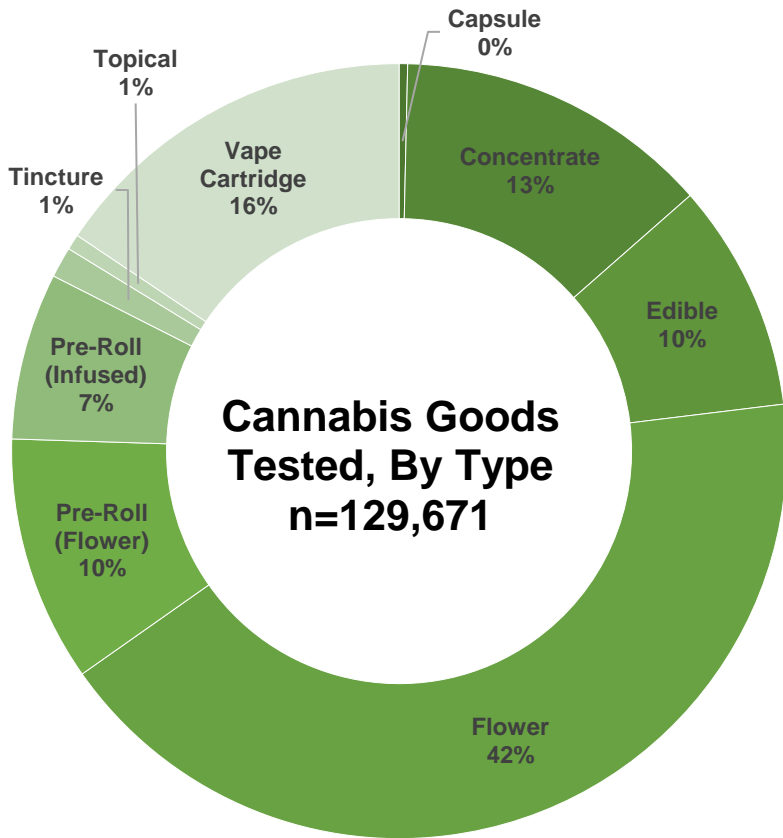


\*Batches can fail for multiple testing categories and/or multiple analytes within the same category.

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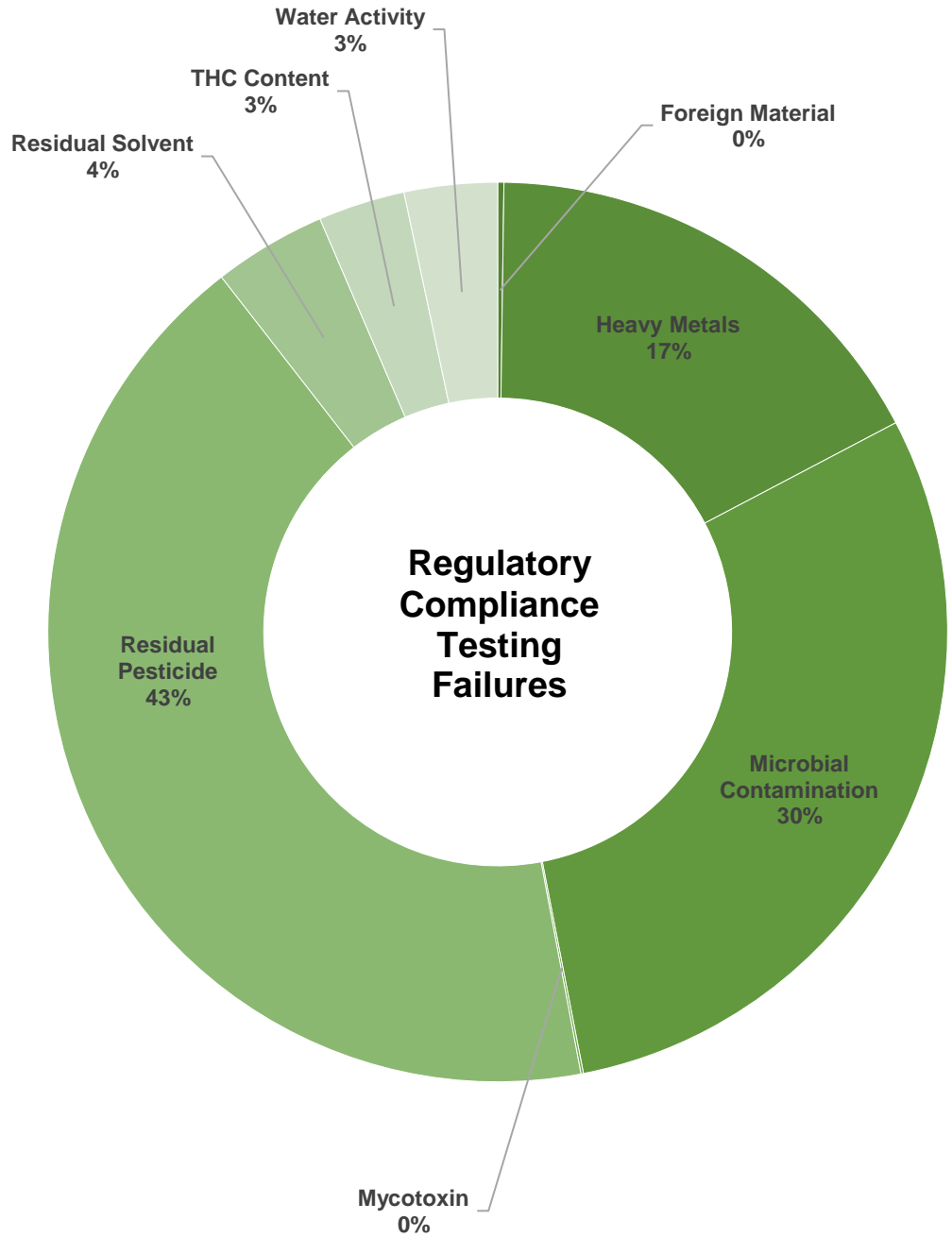
# Cannabis Analytical Testing Report



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Testing Category	Totals*
Foreign Material	5
Heavy Metals	383
Microbial Contamination	665
Mycotoxin	2
Residual Pesticide	952
Residual Solvent	91
THC Content	70
Water Activity	75
<b>Total</b>	<b>2,243</b>

\*Batches can fail for multiple testing categories and/or multiple analytes within the same category.



# Cannabis Analytical Testing Report



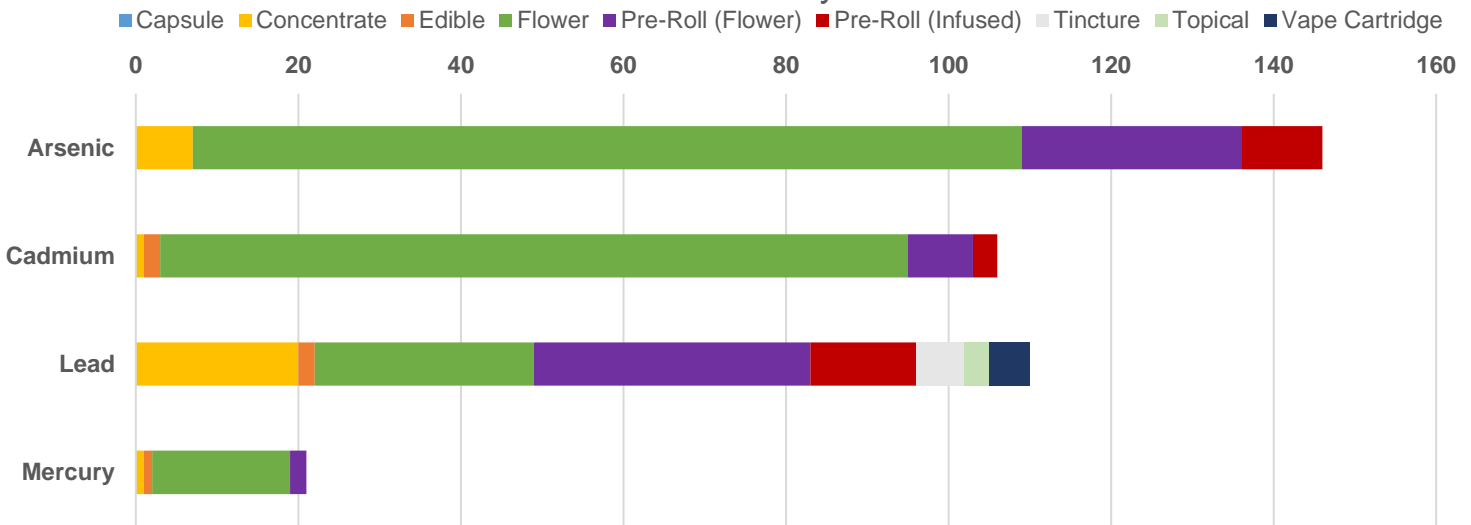
## HEAVY METALS Analysis Results

Last Updated Monday, October 31, 2022

**Heavy metals** testing consists of two categories that are differentiated by their cannabis goods type: inhalable or non-inhalable. To pass regulatory compliance testing for:

- Inhalable cannabis goods the result must not exceed their indicated action levels as described in title 4, California Code of Regulations, section 15723, or
- Non-inhalable cannabis goods the result must not exceed their indicated action levels as described in title 4, California Code of Regulations, section 15723.

### HEAVY METALS Analysis Results



### HEAVY METALS Analysis Results, TOTALS

Products	Capsule	Concentrate	Edible	Flower	Pre-Roll (Flower)	Pre-Roll (Infused)	Tincture	Topical	Vape Cartridge	Totals
<b>Total</b>	<b>0</b>	<b>29</b>	<b>5</b>	<b>238</b>	<b>71</b>	<b>26</b>	<b>6</b>	<b>3</b>	<b>5</b>	<b>383</b>

### HEAVY METALS Analysis Results

	Capsule	Concentrate	Edible	Flower	Pre-Roll (Flower)	Pre-Roll (Infused)	Tincture	Topical	Vape Cartridge	Totals
<b>Arsenic</b>	0	7	0	102	27	10	0	0	0	<b>146</b>
<b>Cadmium</b>	0	1	2	92	8	3	0	0	0	<b>106</b>
<b>Lead</b>	0	20	2	27	34	13	6	3	5	<b>110</b>
<b>Mercury</b>	0	1	1	17	2	0	0	0	0	<b>21</b>
<b>Total</b>	<b>0</b>	<b>29</b>	<b>5</b>	<b>238</b>	<b>71</b>	<b>26</b>	<b>6</b>	<b>3</b>	<b>5</b>	<b>383</b>

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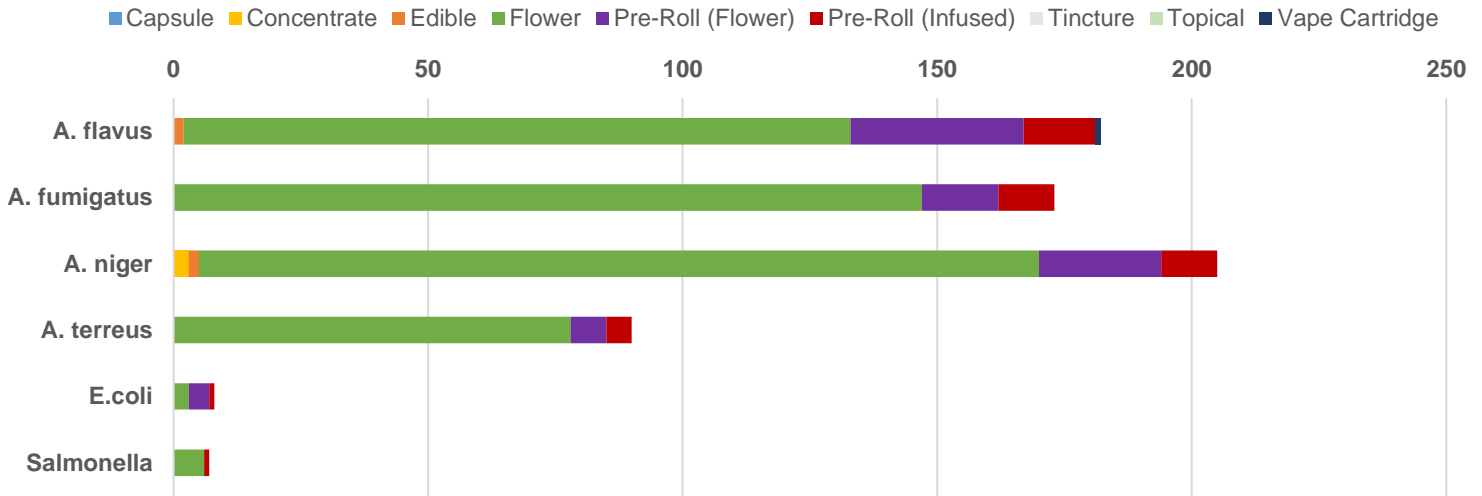
## MICROBIAL CONTAMINATION Analysis Results

Last Updated Monday, October 31, 2022

**Microbial contamination** testing consists of two categories that are differentiated by their cannabis goods type: inhalable or non-inhalable. To pass regulatory compliance testing for:

- Inhalable cannabis goods Shiga toxin-producing E. coli, Salmonella, and pathogenic Aspergillus species A. fumigatus, A. flavus, A. niger, and A. terreus must be not non-detected in 1.0 gram, or
- Non-inhalable cannabis goods: Shiga toxin-producing E. coli and Salmonella must be not non-

### MICROBIAL CONTAMINATION Analysis Results



### MICROBIAL CONTAMINATION Analysis Results, TOTALS

Products	Capsule	Concentrate	Edible	Flower	Pre-Roll (Flower)	Pre-Roll (Infused)	Tincture	Topical	Vape Cartridge	Totals
<b>Total</b>	<b>0</b>	<b>3</b>	<b>4</b>	<b>530</b>	<b>84</b>	<b>43</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>665</b>

### MICROBIAL CONTAMINATION Analysis Results

	Capsule	Concentrate	Edible	Flower	Pre-Roll (Flower)	Pre-Roll (Infused)	Tincture	Topical	Vape Cartridge	Totals
A. flavus	0	0	2	131	34	14	0	0	1	182
A. fumigatus	0	0	0	147	15	11	0	0	0	173
A. niger	0	3	2	165	24	11	0	0	0	205
A. terreus	0	0	0	78	7	5	0	0	0	90
E.coli	0	0	0	3	4	1	0	0	0	8
Salmonella	0	0	0	6	0	1	0	0	0	7
<b>Total</b>	<b>0</b>	<b>3</b>	<b>4</b>	<b>530</b>	<b>84</b>	<b>43</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>665</b>

# Cannabis Analytical Testing Report



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## RESIDUAL PESTICIDE Analysis Results

Last Updated Monday, October 31, 2022

**Residual pesticide** testing consists of two categories that are differentiated by their action levels in order to pass. To pass regulatory compliance testing the cannabis goods must meet the following:

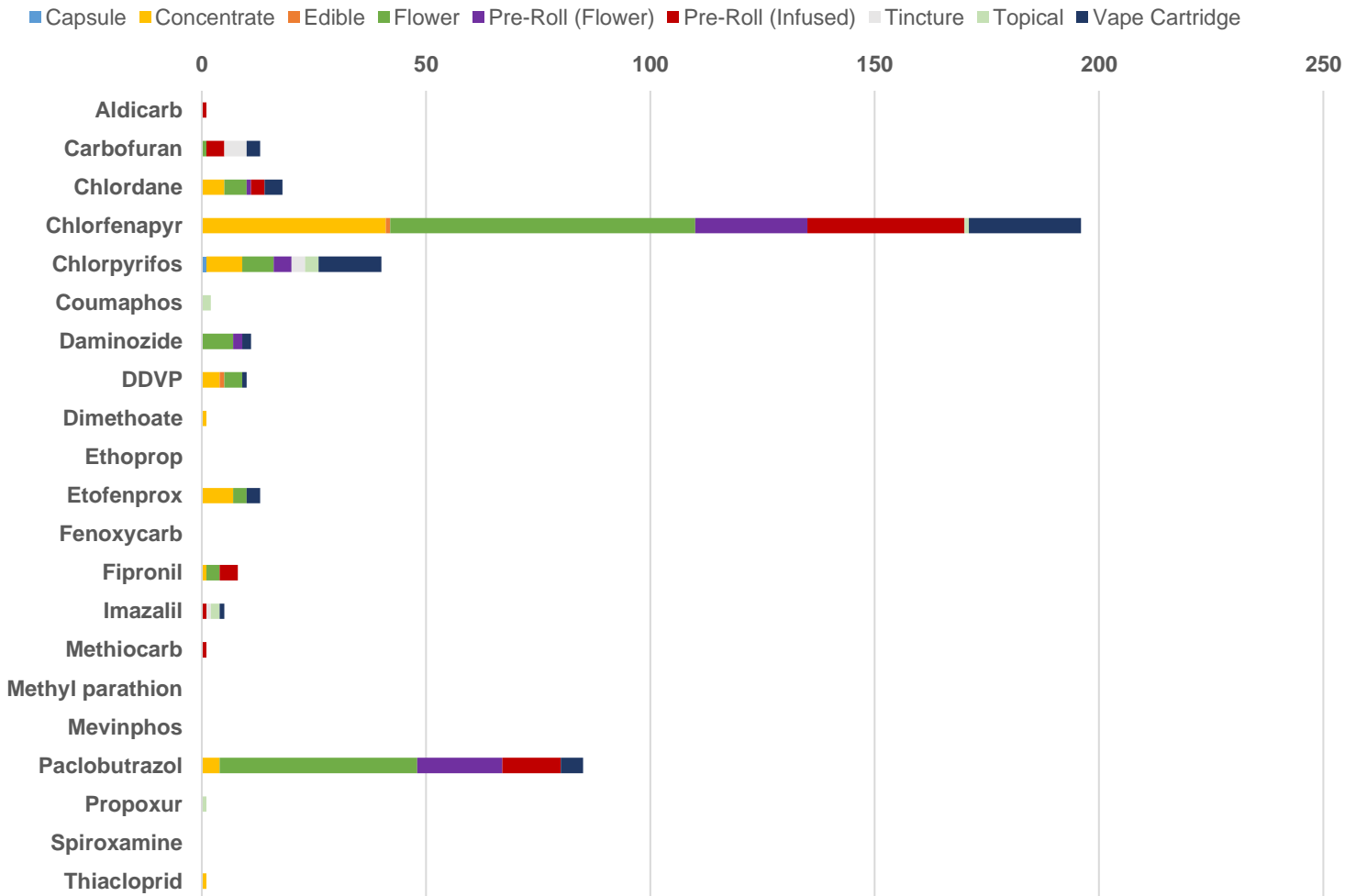
- Category I Residual Pesticides must be not detected.
- Category II Residual Pesticides must not exceed their indicated action levels as described in title 4, California Code of Regulations, section 15719.

### RESIDUAL PESTICIDE Analysis Results, Category 1 & 2 TOTALS

Products	Capsule	Concentrate	Edible	Flower	Pre-Roll (Flower)	Pre-Roll (Infused)	Tincture	Topical	Vape Cartridge	Totals
<b>Total *</b>	<b>1</b>	<b>196</b>	<b>2</b>	<b>305</b>	<b>102</b>	<b>165</b>	<b>9</b>	<b>9</b>	<b>163</b>	<b>952</b>

\* Totals of Category 1 & Category 2 residual pesticides

### RESIDUAL PESTICIDE Analysis Results, Category 1



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## RESIDUAL PESTICIDE Analysis Results, Category 1

Category 1 (Total: 21 Pesticides)

	Capsule	Concentrate	Edible	Flower	Pre-Roll (Flower)	Pre-Roll (Infused)	Tincture	Topical	Vape Cartridge	Totals
Aldicarb	0	0	0	0	0	1	0	0	0	1
Carbofuran	0	0	0	1	0	4	5	0	3	13
Chlordane	0	5	0	5	1	3	0	0	4	18
Chlorfenapyr	0	41	1	68	25	35	0	1	25	196
Chlorpyrifos	1	8	0	7	4	0	3	3	14	40
Coumaphos	0	0	0	0	0	0	0	2	0	2
Daminozide	0	0	0	7	2	0	0	0	2	11
DDVP	0	4	1	4	0	0	0	0	1	10
Dimethoate	0	1	0	0	0	0	0	0	0	1
Ethoprop	0	0	0	0	0	0	0	0	0	0
Etofenprox	0	7	0	3	0	0	0	0	3	13
Fenoxycarb	0	0	0	0	0	0	0	0	0	0
Fipronil	0	1	0	3	0	4	0	0	0	8
Imazalil	0	0	0	0	0	1	1	2	1	5
Methiocarb	0	0	0	0	0	1	0	0	0	1
Methyl parathion	0	0	0	0	0	0	0	0	0	0
Mevinphos	0	0	0	0	0	0	0	0	0	0
Paclobutrazol	0	4	0	44	19	13	0	0	5	85
Propoxur	0	0	0	0	0	0	0	1	0	1
Spiroxamine	0	0	0	0	0	0	0	0	0	0
Thiacloprid	0	1	0	0	0	0	0	0	0	1
<b>Total</b>	<b>1</b>	<b>72</b>	<b>2</b>	<b>142</b>	<b>51</b>	<b>62</b>	<b>9</b>	<b>9</b>	<b>58</b>	<b>406</b>

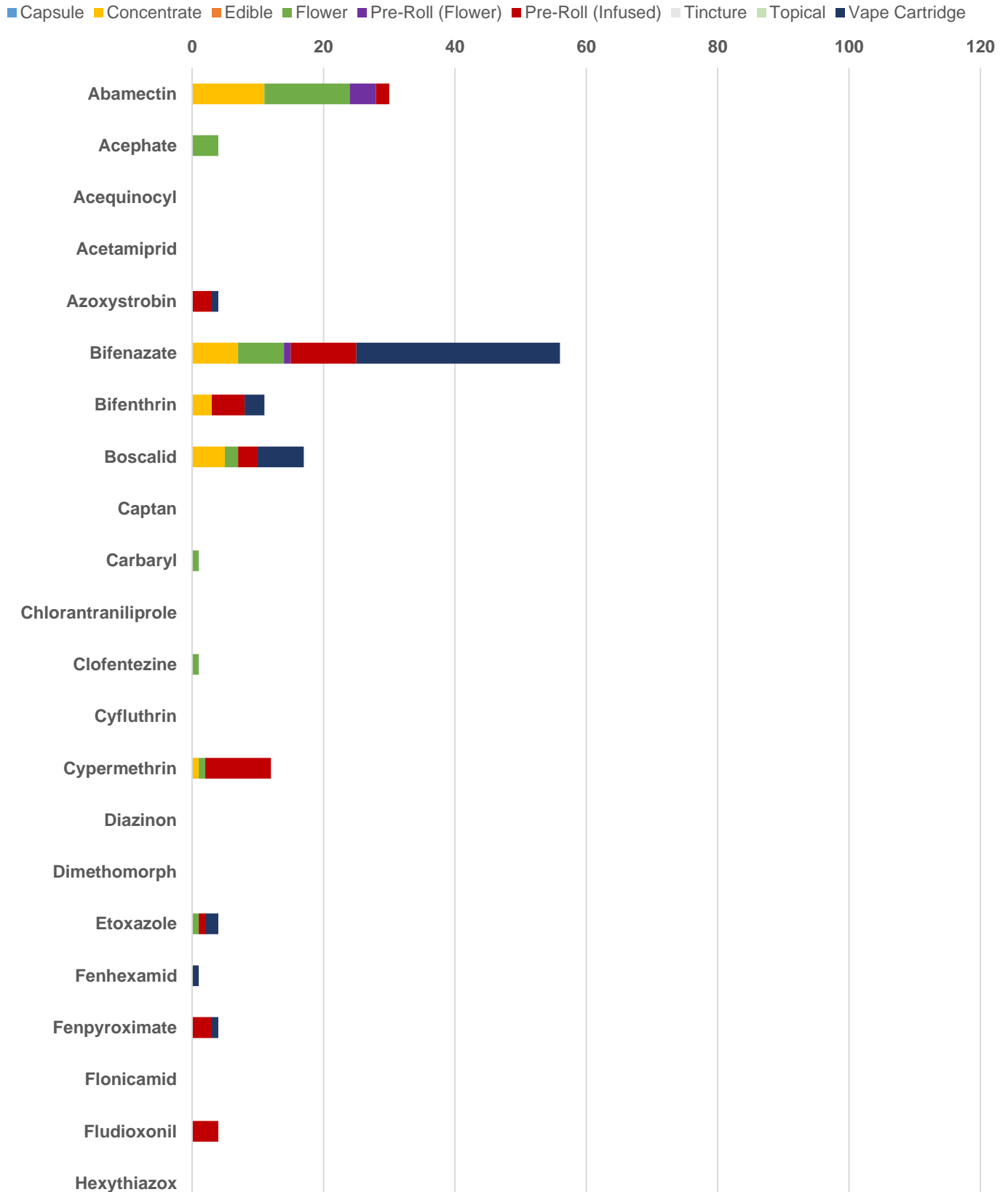


# Cannabis Analytical Testing Report

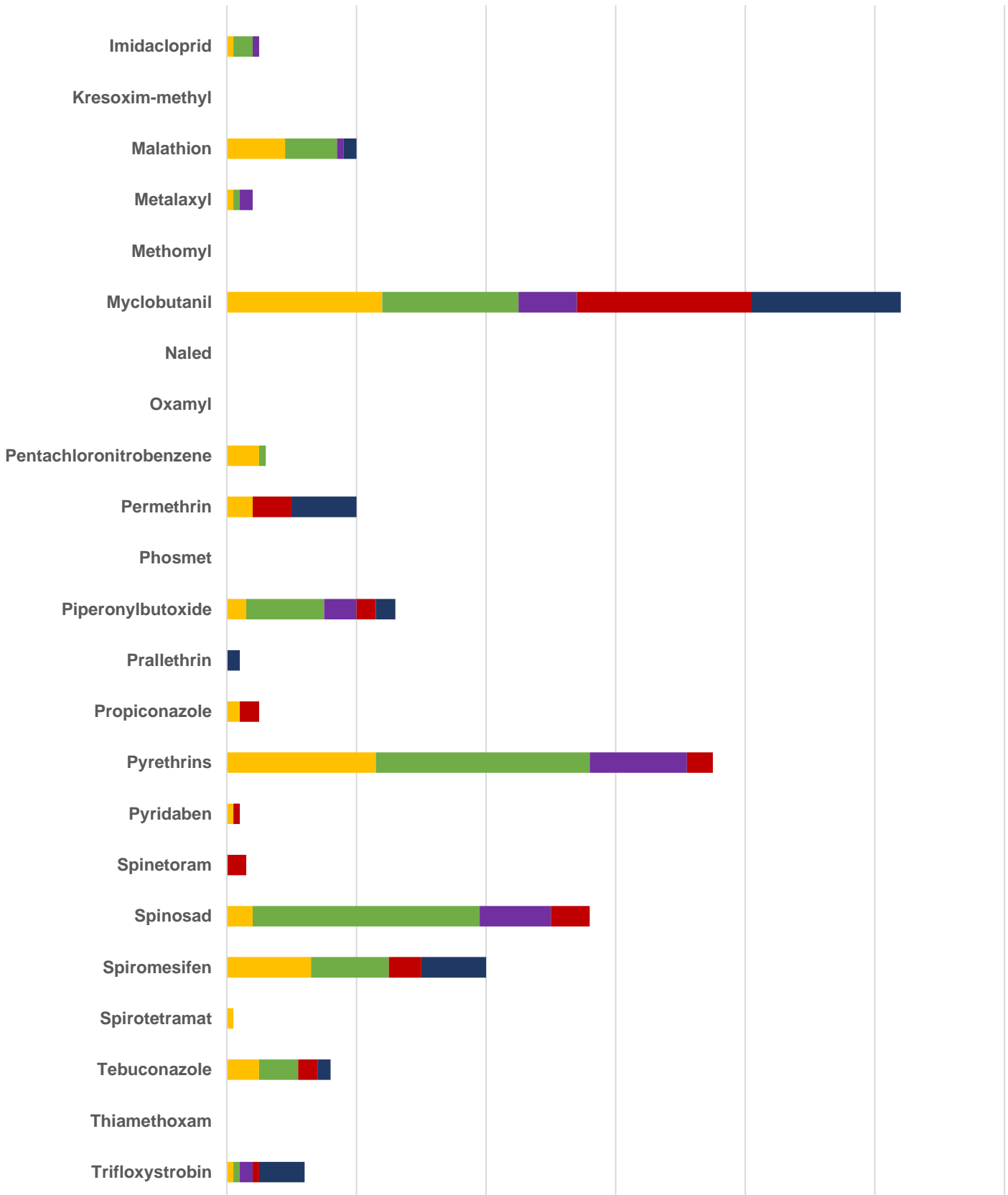


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## RESIDUAL PESTICIDE Analysis Results, Category 2



# Cannabis Analytical Testing Report



# Cannabis Analytical Testing Report



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## RESIDUAL PESTICIDE Analysis Results, Category 2

Category 2 (Total: 45 Pesticides)

	Capsule	Concentrate	Edible	Flower	Pre-Roll (Flower)	Pre-Roll (Infused)	Tincture	Topical	Vape Cartridge	Totals
Abamectin	0	11	0	13	4	2	0	0	0	30
Acephate	0	0	0	4	0	0	0	0	0	4
Acequinocyl	0	0	0	0	0	0	0	0	0	0
Acetamiprid	0	0	0	0	0	0	0	0	0	0
Azoxystrobin	0	0	0	0	0	3	0	0	1	4
Bifenazate	0	7	0	7	1	10	0	0	31	56
Bifenthrin	0	3	0	0	0	5	0	0	3	11
Boscalid	0	5	0	2	0	3	0	0	7	17
Captan	0	0	0	0	0	0	0	0	0	0
Carbaryl	0	0	0	1	0	0	0	0	0	1
Chlorantraniliprole	0	0	0	0	0	0	0	0	0	0
Clofentezine	0	0	0	1	0	0	0	0	0	1
Cyfluthrin	0	0	0	0	0	0	0	0	0	0
Cypermethrin	0	1	0	1	0	10	0	0	0	12
Diazinon	0	0	0	0	0	0	0	0	0	0
Dimethomorph	0	0	0	0	0	0	0	0	0	0
Etoxazole	0	0	0	1	0	1	0	0	2	4
Fenhexamid	0	0	0	0	0	0	0	0	1	1
Fenpyroximate	0	0	0	0	0	3	0	0	1	4
Fonicamid	0	0	0	0	0	0	0	0	0	0
Fludioxonil	0	0	0	0	0	4	0	0	0	4
Hexythiazox	0	0	0	0	0	0	0	0	0	0
Imidacloprid	0	1	0	3	1	0	0	0	0	5
Kresoxim-methyl	0	0	0	0	0	0	0	0	0	0
Malathion	0	9	0	8	1	0	0	0	2	20
Metalaxyl	0	1	0	1	2	0	0	0	0	4
Methomyl	0	0	0	0	0	0	0	0	0	0
Myclobutanil	0	24	0	21	9	27	0	0	23	104

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Naled	0	0	0	0	0	0	0	0	0	0	0
Oxamyl	0	0	0	0	0	0	0	0	0	0	0
Pentachloronitrobenzene	0	5	0	1	0	0	0	0	0	0	6
Permethrin	0	4	0	0	0	6	0	0	0	10	20
Phosmet	0	0	0	0	0	0	0	0	0	0	0
Piperonylbutoxide	0	3	0	12	5	3	0	0	0	3	26
Prallethrin	0	0	0	0	0	0	0	0	0	2	2
Propiconazole	0	2	0	0	0	3	0	0	0	0	5
Pyrethrins	0	23	0	33	15	4	0	0	0	0	75
Pyridaben	0	1	0	0	0	1	0	0	0	0	2
Spinetoram	0	0	0	0	0	3	0	0	0	0	3
Spinosad	0	4	0	35	11	6	0	0	0	0	56
Spiromesifen	0	13	0	12	0	5	0	0	0	10	40
Spirotetramat	0	1	0	0	0	0	0	0	0	0	1
Tebuconazole	0	5	0	6	0	3	0	0	0	2	16
Thiamethoxam	0	0	0	0	0	0	0	0	0	0	0
Trifloxystrobin	0	1	0	1	2	1	0	0	0	7	12
<b>Total</b>	<b>0</b>	<b>124</b>	<b>0</b>	<b>163</b>	<b>51</b>	<b>103</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>105</b>	<b>546</b>

# Cannabis Analytical Testing Report

## RESIDUAL SOLVENT Batch Contamination

Last Updated Monday, October 31, 2022



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**Residual solvent** testing consists of two categories that are differentiated by their action levels in order to pass. To pass regulatory compliance testing for Cannabis Product or Pre-Roll the batch must meet the following:

- Category I Residual Solvents must not exceed 1.0 ug/g, and
- Category II Residual Solvents must not exceed their indicated action levels as described in title 4, California Code of Regulations, section 15718

### RESIDUAL SOLVENT Analysis Results, Category 1 & 2 **TOTALS**

Products	Capsule	Concentrate	Edible	Flower	Pre-Roll (Flower)	Pre-Roll (Infused)	Tincture	Topical	Vape Cartridge	Totals
<b>Total **</b>	<b>1</b>	<b>35</b>	<b>9</b>	Not Tested *	<b>0</b>	<b>3</b>	<b>0</b>	<b>1</b>	<b>42</b>	<b>91</b>

\* 4 CCR 15718(a) of the Department of Cannabis Control's regulations stipulates that only cannabis product and pre-rolls are tested for residual solvent or processing chemical testing.

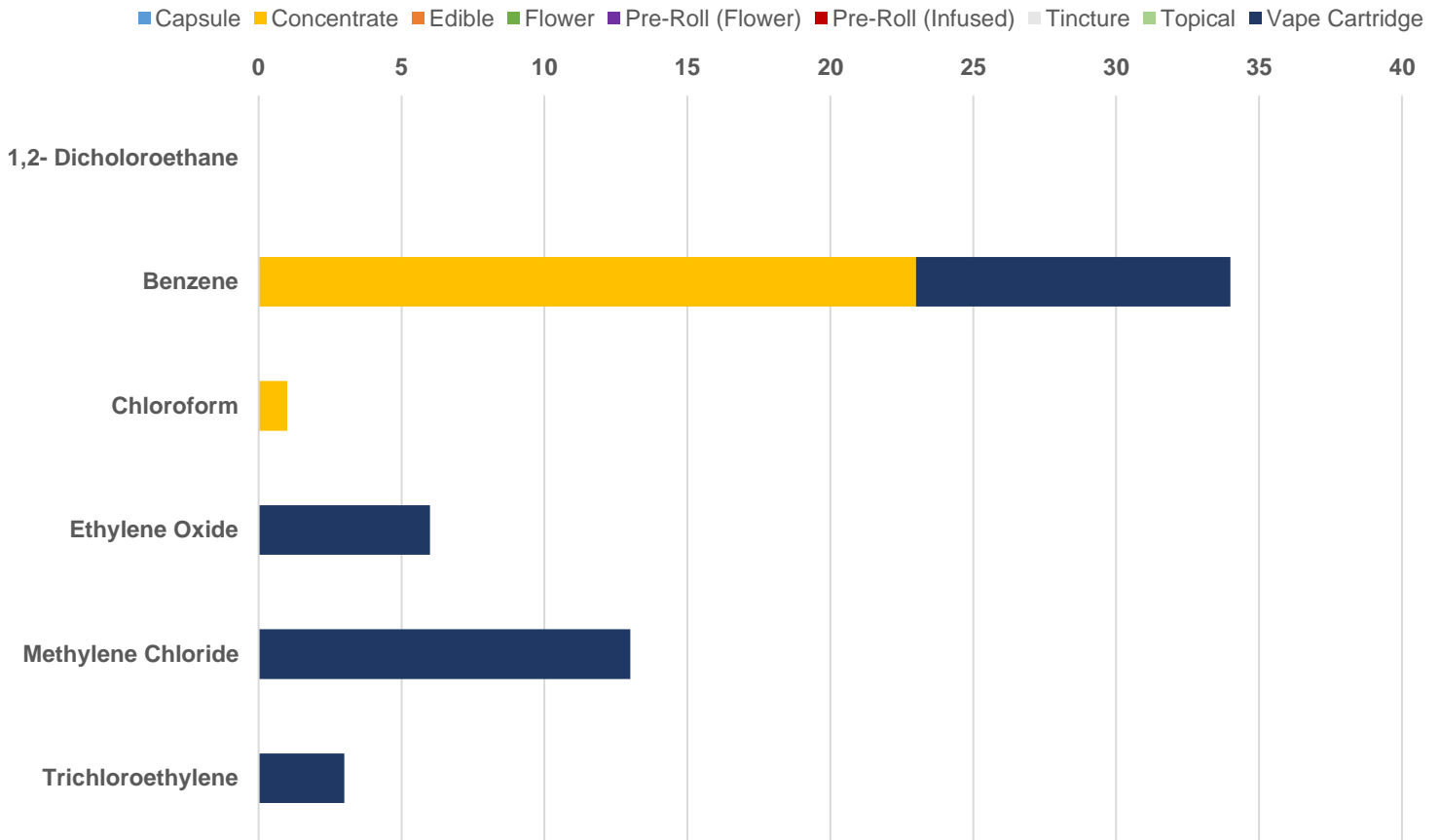
\*\* Totals of Category 1 & Category 2 residual solvents

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## RESIDUAL SOLVENT Analysis Results, Category 1



## RESIDUAL SOLVENT Analysis Results, Category 1

Last Updated Monday, October 31, 2022

Category 1 (Total: 6 solvents)

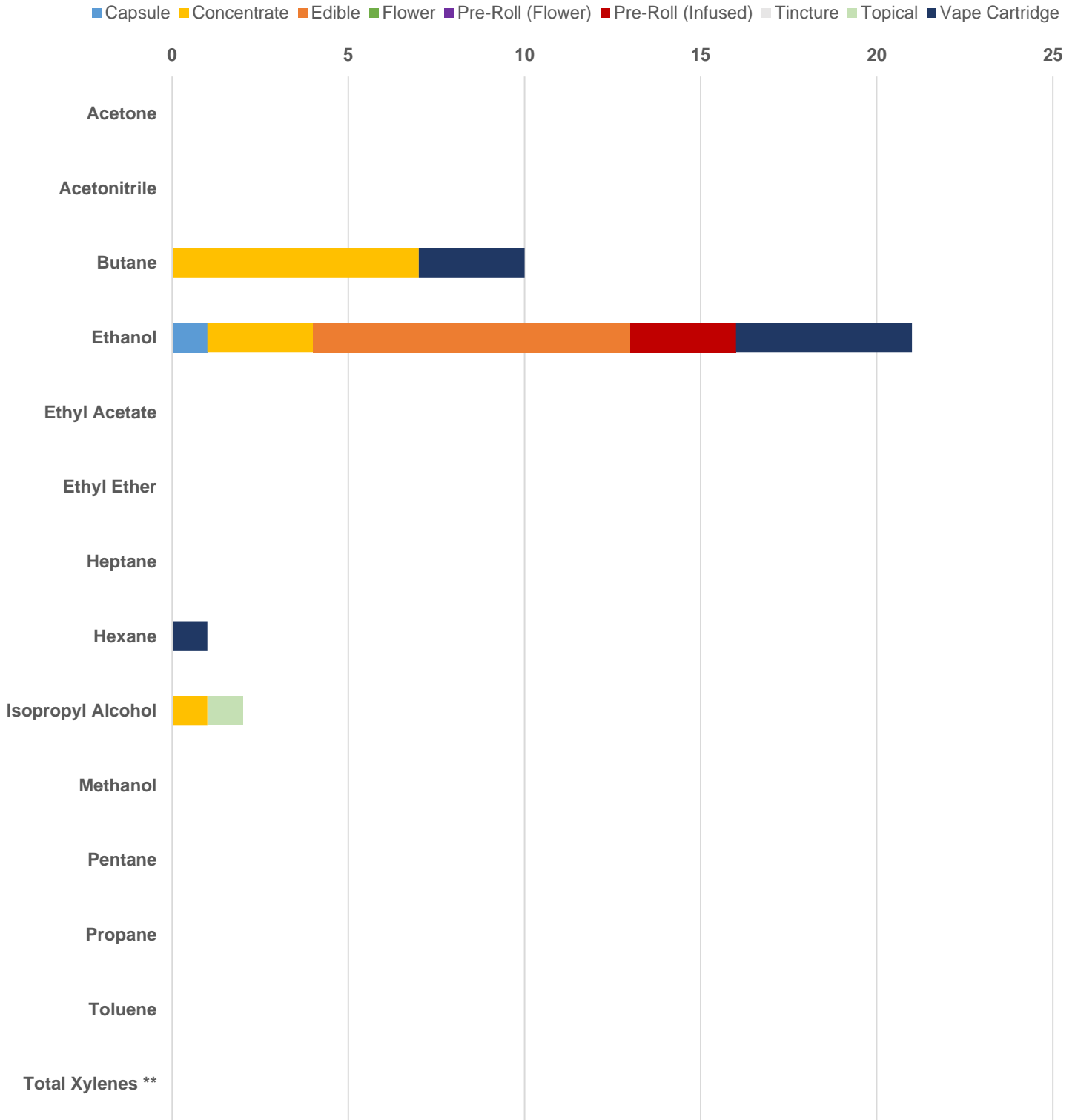
	Capsule	Concentrate	Edible	Flower	Pre-Roll (Flower)	Pre-Roll (Infused)	Tincture	Topical	Vape Cartridge	Totals
1,2- Dichloroethane	0	0	0	Not Tested *	0	0	0	0	0	0
Benzene	0	23	0	Not Tested *	0	0	0	0	11	34
Chloroform	0	1	0	Not Tested *	0	0	0	0	0	1
Ethylene Oxide	0	0	0	Not Tested *	0	0	0	0	6	6
Methylene Chloride	0	0	0	Not Tested *	0	0	0	0	13	13
Trichloroethylene	0	0	0	Not Tested *	0	0	0	0	3	3
<b>Total</b>	<b>0</b>	<b>24</b>	<b>0</b>	<b>Not Tested *</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>33</b>	<b>57</b>

\* 4 CCR 15718(a) of the Department of Cannabis Control's regulations stipulates that only cannabis product and pre-rolls are tested for residual solvent or processing chemical testing.

# Cannabis Analytical Testing Report



## RESIDUAL SOLVENT Analysis Results, Category 2



\*\* Total Xylenes includes all three isomers of xylene (orth-, meta-, para-)

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## RESIDUAL SOLVENT Analysis Results, Category 2

Last Updated Monday, October 31, 2022

Category 2 (Total: 14 solvents)

	Capsule	Concentrate	Edible	Flower	Pre-Roll (Flower)	Pre-Roll (Infused)	Tincture	Topical	Vape Cartridge	Totals
Acetone	0	0	0	Not Tested *	0	0	0	0	0	0
Acetonitrile	0	0	0	Not Tested *	0	0	0	0	0	0
Butane	0	7	0	Not Tested *	0	0	0	0	3	10
Ethanol	1	3	9	Not Tested *	0	3	0	0	5	21
Ethyl Acetate	0	0	0	Not Tested *	0	0	0	0	0	0
Ethyl Ether	0	0	0	Not Tested *	0	0	0	0	0	0
Heptane	0	0	0	Not Tested *	0	0	0	0	0	0
Hexane	0	0	0	Not Tested *	0	0	0	0	1	1
Isopropyl Alcohol	0	1	0	Not Tested *	0	0	0	1	0	2
Methanol	0	0	0	Not Tested *	0	0	0	0	0	0
Pentane	0	0	0	Not Tested *	0	0	0	0	0	0
Propane	0	0	0	Not Tested *	0	0	0	0	0	0
Toluene	0	0	0	Not Tested *	0	0	0	0	0	0
Total Xylenes **	0	0	0	Not Tested *	0	0	0	0	0	0
<b>Total</b>	<b>1</b>	<b>11</b>	<b>9</b>	<b>Not Tested *</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>1</b>	<b>9</b>	<b>34</b>

\* 4 CCR 15718(a) of the Department of Cannabis Control's regulations stipulates that only cannabis product and pre-rolls are tested for residual solvent or processing chemical testing.

\*\* Total Xylenes includes all three isomers of xylene (ortho-, meta-, para-)



# Cannabis Analytical Testing Report



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## Definitions & Data Explanations

Last Updated Monday, October 31, 2022

### Notes:

- Cannabis goods item categories are designated by the licensee in Metrc. Some cannabis goods, such as sublinguals or tablets, will vary depending on how it was assigned in Metrc.
- As noted in the definitions below, for simplifying this report only, some Metrc cannabis goods item categories have been consolidated into one category.

Report Category	Definition
Capsule	This cannabis goods category includes capsules only
Concentrate	This cannabis goods category includes includes infused butter/oil, extracts, and other concentrates. Does not include vape cartridges.
Edible	This cannabis goods category includes includes solid and liquid edible products.
Flower	This cannabis goods category includes includes flower, kief, leaf, and shake.
Tincture	This cannabis goods category includes includes tinctures categorized by weight or volume.
Topical	This cannabis goods category includes includes topicals categorized by weight or volume.

Report Page(s)	Item	Description
1	<i>Canabis Goods Batch Testing by Product Category</i> (Table)	Overall cannabis goods batch analysis result.
2-16	All tables & charts (excluding <i>Canabis Goods Batch Testing by Product Category</i> )	Total analytical failures for each titled table. Failed batches may have one or more failed testing categories and/or one or more failed analytes within the same testing category.
7	<i>RESIDUAL PESTICIDE Analysis Results Category 1 &amp; 2 TOTALS</i> (Table)	Sum total of <i>RESIDUAL PESTICIDE Analysis Results, Category 1</i> (Table) on page 8 and <i>RESIDUAL PESTICIDE Analysis Results, Category 2</i> (Table) of Page 12.
13	<i>RESIDUAL SOLVENT Analysis Results Category 1 &amp; 2 TOTALS</i> (Table)	Sum total of <i>RESIDUAL SOLVENT Analysis Results, Category 1</i> (Table) on page 14 and <i>RESIDUAL SOLVENT Analysis Results, Category 2</i> (Table) of Page 16.