

Curador Labs LLC | MAN000047

7110 N Broadway Ave  
Saint Louis, MO 63147  
testing@curadorbrands.com

Sample: 2503TEN0181.0852

Strain: STL GMO #4  
Batch#: 10846; Batch Size: 885.59 g  
Sample Received: 03/31/2025; Report Created: 04/04/2025; Expires: 04/04/2026

Lic. #MAN000047

Sampling: ; Environment:

## HeadChange - Bulk Live Sugar - STL GMO #4

Concentrates & Extracts, Sugar, Butane  
Harvest Process Lot: ; METRC Batch: 1A40C0300002906000142102; METRC Sample: 1A40C0300002906000142103



|                                                                                   |                                   |                                               |                                                    |
|-----------------------------------------------------------------------------------|-----------------------------------|-----------------------------------------------|----------------------------------------------------|
|  | 68.332<br>mg/serving<br>Total THC | 81.147<br>mg/serving<br>Total<br>Cannabinoids | Pass<br>Microbials                                 |
|                                                                                   | ND<br>Total CBD                   | NT<br>Date Tested:<br>Moisture                | NT<br>Date Tested:<br>Not Tested<br>Water Activity |

## Cannabinoids

Pass

| Analyte      | LOQ<br>mg/serving | Mass<br>mg/serving | Mass<br>%     |
|--------------|-------------------|--------------------|---------------|
| THCa         |                   | 71.921             | 71.921        |
| Δ9-THC       |                   | 5.258              | 5.258         |
| Δ8-THC       |                   | ND                 | ND            |
| THCV         |                   | ND                 | ND            |
| CBDa         |                   | ND                 | ND            |
| CBD          |                   | ND                 | ND            |
| CBDV         |                   | ND                 | ND            |
| CBN          |                   | ND                 | ND            |
| CBGa         |                   | 3.969              | 3.969         |
| CBG          |                   | ND                 | ND            |
| CBC          |                   | ND                 | ND            |
| <b>Total</b> |                   | <b>81.147</b>      | <b>81.147</b> |

Date Tested: 04/01/2025

SOP/Method info: SOP-CAN-27-Potency Analysis by HPLC

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**HeadChange - Bulk Live Sugar - STL GMO #4**

Concentrates & Extracts, Sugar, Butane  
Harvest Process Lot: ; METRC Batch: 1A40C0300002906000142102; METRC Sample: 1A40C0300002906000142103



**Microbials**

**Pass**

| Analyte     | Limit | Units | Status |
|-------------|-------|-------|--------|
|             | CFU/g | CFU/g |        |
| Aspergillus | 1     | ND    | Pass   |
| E. Coli     | 1     | ND    | Pass   |
| Salmonella  | 1     | ND    | Pass   |

Date Tested: 04/02/2025

SOP/Method info:  
SOP-CAN-20-Detection of Shiga-Toxin producing Escherichia coli (STEC) and Salmonella in Cannabis, Cannabis Concentrates and Cannabis Infused Products.  
SOP-CAN-22-Detection of Aspergillus spp. in Cannabis, Cannabis Concentrates and Cannabis Derived Products

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Sampling: ; Environment:

## HeadChange - Bulk Live Sugar - STL GMO #4

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Harvest Process Lot: ; METRC Batch: 1A40C0300002906000142102; METRC Sample: 1A40C0300002906000142103



## Mycotoxins

Pass

| Analyte          | LOQ    | Limit  | Result | Status |
|------------------|--------|--------|--------|--------|
|                  | PPB    | PPB    | PPB    |        |
| B1               | 18.910 | 20.000 | ND     | Pass   |
| B2               | 14.460 | 20.000 | ND     | Pass   |
| G1               | 11.580 | 20.000 | ND     | Pass   |
| G2               | 16.940 | 20.000 | ND     | Pass   |
| Ochratoxin A     | 16.460 | 20.000 | ND     | Pass   |
| Total Aflatoxins |        | 20.000 | ND     | Pass   |
| Total Mycotoxins |        | 40.000 | ND     | Pass   |

Date Tested: 04/01/2025

SOP/Method info: SOP-CAN-24-Pesticide and Mycotoxin Detection using GC\_LC-MS

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Sampling: ; Environment:

## HeadChange - Bulk Live Sugar - STL GMO #4

Concentrates & Extracts, Sugar, Butane  
Harvest Process Lot: ; METRC Batch: 1A40C0300002906000142102; METRC Sample: 1A40C0300002906000142103



## Heavy Metals

Pass

| Analyte  | Result | LOQ   | Limit | Status |
|----------|--------|-------|-------|--------|
|          | PPM    | PPM   | PPM   |        |
| Arsenic  | ND     | 0.140 | 0.200 | Pass   |
| Cadmium  | ND     | 0.143 | 0.200 | Pass   |
| Chromium | ND     | 0.240 | 0.600 | Pass   |
| Lead     | ND     | 0.204 | 0.500 | Pass   |
| Mercury  | ND     | 0.028 | 0.100 | Pass   |

Date Tested: 04/01/2025 04:16

SOP/Method info: SOP-CAN-23-Metals Analysis Using ICP-MS

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Lic. #MAN000047

Sampling: ; Environment:

## HeadChange - Bulk Live Sugar - STL GMO #4

Concentrates & Extracts, Sugar, Butane  
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## Pesticides

Pass

| Analyte              | LOQ   | Limit | Result | Status |
|----------------------|-------|-------|--------|--------|
|                      | PPM   | PPM   | PPM    |        |
| Abamectin            | 0.372 | 0.500 | ND     | Pass   |
| Acephate             | 0.399 | 0.400 | ND     | Pass   |
| Acequinocyl          | 0.648 | 2.000 | ND     | Pass   |
| Acetamiprid          | 0.095 | 0.200 | ND     | Pass   |
| Aldicarb             | 0.300 | 0.400 | ND     | Pass   |
| Azoxystrobin         | 0.109 | 0.200 | ND     | Pass   |
| Bifenazate           | 0.121 | 0.200 | ND     | Pass   |
| Bifenthrin           | 0.135 | 0.200 | ND     | Pass   |
| Boscalid             | 0.152 | 0.400 | ND     | Pass   |
| Carbaryl             | 0.126 | 0.200 | ND     | Pass   |
| Carbofuran           | 0.067 | 0.200 | ND     | Pass   |
| Chlorantraniliprole  | 0.113 | 0.200 | ND     | Pass   |
| Chlorfenapyr         | 0.126 | 1.000 | ND     | Pass   |
| Chlormequat chloride | 0.140 | 0.200 | ND     | Pass   |
| Chlorpyrifos         | 0.099 | 0.200 | ND     | Pass   |
| Clofentezine         | 0.141 | 0.200 | ND     | Pass   |
| Cyfluthrin           | 0.198 | 1.000 | ND     | Pass   |
| Cypermethrin         | 0.156 | 1.000 | ND     | Pass   |
| Daminozide           | 0.280 | 1.000 | ND     | Pass   |
| Diazinon             | 0.063 | 0.200 | ND     | Pass   |
| Dichlorvos           | 0.491 | 1.000 | ND     | Pass   |
| Dimethoate           | 0.127 | 0.200 | ND     | Pass   |
| Ethoprophos          | 0.108 | 0.200 | ND     | Pass   |
| Etofenprox           | 0.080 | 0.400 | ND     | Pass   |
| Etoxazole            | 0.079 | 0.200 | ND     | Pass   |

Date Tested: 04/01/2025

SOP/Method info: SOP-CAN-24-Pesticide and Mycotoxin Detection using GC\_LC-MS

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## Pesticides

Pass

| Analyte            | LOQ   | Limit | Result | Status |
|--------------------|-------|-------|--------|--------|
|                    | PPM   | PPM   | PPM    |        |
| Fenoxycarb         | 0.114 | 0.200 | ND     | Pass   |
| Fenpyroximate      | 0.073 | 0.400 | ND     | Pass   |
| Fipronil           | 0.135 | 0.400 | ND     | Pass   |
| Flonicamid         | 0.162 | 1.000 | ND     | Pass   |
| Fludioxonil        | 0.161 | 0.400 | ND     | Pass   |
| Hexythiazox        | 0.143 | 1.000 | ND     | Pass   |
| Imazalil           | 0.109 | 0.200 | ND     | Pass   |
| Imidacloprid       | 0.109 | 0.400 | ND     | Pass   |
| Kresoxim Methyl    | 0.128 | 0.400 | ND     | Pass   |
| Malathion          | 0.135 | 0.200 | ND     | Pass   |
| Metalaxyl          | 0.084 | 0.200 | ND     | Pass   |
| Methiocarb         | 0.099 | 0.200 | ND     | Pass   |
| Methomyl           | 0.085 | 0.400 | ND     | Pass   |
| Methyl Parathion   | 0.188 | 0.200 | ND     | Pass   |
| MGK-264            | 0.117 | 0.200 | ND     | Pass   |
| Myclobutanil       | 0.152 | 0.200 | ND     | Pass   |
| Naled              | 0.134 | 0.500 | ND     | Pass   |
| Oxamyl             | 0.179 | 1.000 | ND     | Pass   |
| Paclobutrazol      | 0.089 | 0.400 | ND     | Pass   |
| Permethrins        | 0.083 | 0.200 | ND     | Pass   |
| Phosmet            | 0.174 | 0.200 | ND     | Pass   |
| Piperonyl Butoxide | 0.148 | 2.000 | ND     | Pass   |
| Prallethrin        | 0.145 | 0.200 | ND     | Pass   |
| Propiconazole      | 0.107 | 0.400 | ND     | Pass   |
| Propoxur           | 0.064 | 0.200 | ND     | Pass   |

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Harvest Process Lot: ; METRC Batch: 1A40C0300002906000142102; METRC Sample: 1A40C0300002906000142103



## Pesticides

Pass

| Analyte         | LOQ   | Limit | Result | Status |
|-----------------|-------|-------|--------|--------|
|                 | PPM   | PPM   | PPM    |        |
| Pyrethrins      | 0.054 | 1.000 | ND     | Pass   |
| Pyridaben       | 0.073 | 0.200 | ND     | Pass   |
| Spinosad        | 0.151 | 0.200 | ND     | Pass   |
| Spiromesifen    | 0.110 | 0.200 | ND     | Pass   |
| Spirotetramat   | 0.153 | 0.200 | ND     | Pass   |
| Spiroxamine     | 0.099 | 0.400 | ND     | Pass   |
| Tebuconazole    | 0.136 | 0.400 | ND     | Pass   |
| Thiacloprid     | 0.079 | 0.200 | ND     | Pass   |
| Thiamethoxam    | 0.129 | 0.200 | ND     | Pass   |
| Trifloxystrobin | 0.193 | 0.200 | ND     | Pass   |

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Concentrates & Extracts, Sugar, Butane  
Harvest Process Lot: ; METRC Batch: 1A40C0300002906000142102; METRC Sample: 1A40C0300002906000142103



## Residual Solvents

Pass

| Analyte             | LOQ   | Limit   | Result | Status |
|---------------------|-------|---------|--------|--------|
|                     | PPM   | PPM     | PPM    |        |
| 1,2-Dichloro-Ethane | 0.39  | 2.00    | ND     | Pass   |
| Acetone             | 64.48 | 750.00  | ND     | Pass   |
| Acetonitrile        | 47.54 | 60.00   | ND     | Pass   |
| Benzene             | 0.56  | 1.00    | ND     | Pass   |
| Butane              | 2.46  | 800.00  | 129.33 | Pass   |
| Chloroform          | 0.34  | 2.00    | ND     | Pass   |
| Ethanol             | 50.21 | 1000.00 | <LOQ   | Pass   |
| Ethyl-Acetate       | 2.66  | 400.00  | ND     | Pass   |
| Ethyl-Ether         | 3.20  | 500.00  | ND     | Pass   |
| Ethylene Oxide      | 0.77  | 5.00    | ND     | Pass   |
| Heptane             | 4.36  | 500.00  | ND     | Pass   |
| Hexanes             | 3.19  | 50.00   | ND     | Pass   |
| Isopropanol         | 66.59 | 500.00  | ND     | Pass   |
| Methanol            | 58.53 | 250.00  | ND     | Pass   |
| Methylene-Chloride  | 2.74  | 125.00  | ND     | Pass   |
| Pentane             | 2.99  | 750.00  | ND     | Pass   |
| Propane             | 32.21 | 2100.00 | ND     | Pass   |
| Toluene             | 3.01  | 150.00  | ND     | Pass   |
| Trichloroethylene   | 3.53  | 25.00   | ND     | Pass   |
| Vitamin E Acetate   | 7.79  | 5.00    | ND     | Pass   |
| Xylenes             | 3.91  | 150.00  | ND     | Pass   |

Dater Tested: 03/31/2025

SOP/Method info: SOP-CAN-24-Pesticide and Mycotoxin Detection using GC\_LC-MS

SOP/Method info: SOP-CAN-25-Residual Solvents Analysis by GC



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Sampling: ; Environment:

## HeadChange - Bulk Live Sugar - STL GMO #4

Concentrates & Extracts, Sugar, Butane  
Harvest Process Lot: ; METRC Batch: 1A40C0300002906000142102; METRC Sample: 1A40C0300002906000142103



### Terpenes

| Analyte             | LOQ  | Result       | Result       |
|---------------------|------|--------------|--------------|
|                     | mg/g | mg/g         | %            |
| β-Myrcene           | 0.03 | 22.61        | 2.261        |
| Limonene            | 0.04 | 18.42        | 1.842        |
| β-Caryophyllene     | 0.03 | 10.39        | 1.039        |
| α-Humulene          | 0.02 | 4.35         | 0.435        |
| α-Bisabolol         | 0.05 | 3.01         | 0.301        |
| β-Pinene            | 0.04 | 2.28         | 0.228        |
| Linalool            | 0.03 | 1.90         | 0.190        |
| trans-Nerolidol     | 0.04 | 1.63         | 0.163        |
| α-Pinene            | 0.05 | 1.28         | 0.128        |
| Caryophyllene Oxide | 0.04 | 1.05         | 0.105        |
| Terpinolene         | 0.03 | 0.95         | 0.095        |
| trans-Ocimene       | 0.03 | 0.67         | 0.067        |
| Camphene            | 0.05 | 0.13         | 0.013        |
| 3-Carene            | 0.04 | ND           | ND           |
| α-Terpinene         | 0.05 | ND           | ND           |
| β-Ocimene           | 0.02 | ND           | ND           |
| cis-Nerolidol       | 0.04 | ND           | ND           |
| Eucalyptol          | 0.03 | ND           | ND           |
| γ-Terpinene         | 0.03 | ND           | ND           |
| Geraniol            | 0.04 | ND           | ND           |
| Guaiol              | 0.04 | ND           | ND           |
| Isopulegol          | 0.03 | ND           | ND           |
| p-Cymene            | 0.04 | ND           | ND           |
| <b>Total</b>        |      | <b>68.67</b> | <b>6.867</b> |

### Primary Aromas



Hops



Orange



Cinnamon



Chamomile



Pine

Date Tested: 04/01/2025

SOP/Method info: SOP-CAN-26-Terpenes Analysis by Liquid Injection on GC-MS

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**Foreign Matter**

**Pass**

Foreign Matter

Date Tested: 03/31/2025

SOP/Method info: SOP-CAN-19-Filth and Foreign Matter Screening