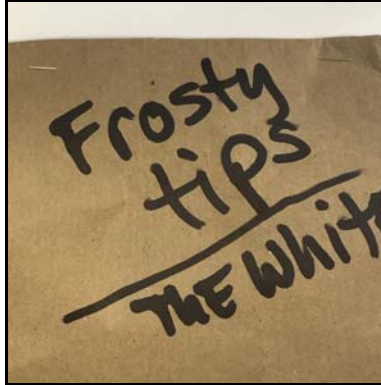


## Certificate of Analysis

|  |   |
|--|---|
| <b>Client Name:</b> MN Grown CBD                                 | <b>Matrix:</b> Plant                        |
| <b>Client Address:</b> 34892 Lily Street NW, Cambridge, MN 55008 | <b>Date Received:</b> 10/12/2020 1:00:00PM  |
| <b>Sample ID:</b> White CBG, Frosty Tips, 2020WCBGFT-001         | <b>Lab Sample ID:</b> 2004082-02            |
| <b>Lot/Batch #:</b>  | <b>Date of Report:</b> 10/20/2020 3:41:03PM |

| Analysis            | Requested (Yes/No) |
|---------------------|--------------------|
| Cannabinoid Profile | Yes                |
| Terpene Profile     | No                 |
| Aflatoxins          | No                 |
| Heavy Metals        | Yes                |
| Residual Solvents   | No                 |
| Microbial Testing   | No                 |
| Pesticides          | Yes                |



Sample, packaged



Sample, actual

**Cannabinoid Profile**      **2004082-02**      **White CBG, Frosty Tips, 2020WCBGFT-001**

| Analyte                               | Result   | RL      | Units       | Analysis Method | Date Analyzed    | Notes |
|---------------------------------------|----------|---------|-------------|-----------------|------------------|-------|
| Cannabichromene (CBC)                 | 0.191    | 0.0200  | % by Weight | HPLC            | 10/14/20 7:09 pm |       |
| Cannabidiol (CBD)                     | 0.00601  | 0.00200 | % by Weight | HPLC            | 10/14/20 7:02 pm |       |
| Cannabidiolic Acid (CBDA)             | 0.209    | 0.0200  | % by Weight | HPLC            | 10/14/20 7:09 pm |       |
| Cannabigerol (CBG)                    | 0.314    | 0.0200  | % by Weight | HPLC            | 10/14/20 7:09 pm |       |
| Cannabigerolic Acid (CBGA)            | 9.80     | 0.200   | % by Weight | HPLC            | 10/14/20 7:15 pm |       |
| Cannabinol (CBN)                      | <0.00200 | 0.00200 | % by Weight | HPLC            | 10/14/20 7:02 pm |       |
| Delta-9-Tetrahydrocannabinol (d9-THC) | 0.0280   | 0.00200 | % by Weight | HPLC            | 10/14/20 7:02 pm |       |
| THCA-A                                | 0.105    | 0.00200 | % by Weight | HPLC            | 10/14/20 7:02 pm |       |
| Total CBG                             | 8.92     | 0.196   | % by Weight | HPLC            | 10/14/20 7:15 pm |       |
| Total CBD                             | 0.190    | 0.0195  | % by Weight | HPLC            | 10/14/20 7:09 pm |       |
| Total THC                             | 0.120    | 0.00375 | % by Weight | HPLC            | 10/14/20 7:02 pm |       |

**Heavy Metals**      **2004082-02**      **White CBG, Frosty Tips, 2020WCBGFT-001**

| Analyte | Result | RL    | Units | Analysis Method | Date Analyzed    | Notes |
|---------|--------|-------|-------|-----------------|------------------|-------|
| Arsenic | <1.0   | 1.0   | mg/kg | EPA 6010D       | 10/15/20 6:10 pm |       |
| Cadmium | <0.050 | 0.050 | mg/kg | EPA 6010D       | 10/15/20 6:10 pm |       |
| Lead    | <0.75  | 0.75  | mg/kg | EPA 6010D       | 10/15/20 6:10 pm |       |
| Mercury | <0.50  | 0.50  | mg/kg | EPA 6010D       | 10/15/20 6:10 pm | V9    |

Sarah Smestad - Chemist II/Client Manager I

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**Certificate of Analysis**

**Pesticides**

**2004082-02**

**White CBG, Frosty Tips, 2020WCBGFT-001**

| Analyte                | Result | RL  | Units | Analysis Method | Date Analyzed    | Notes  |
|------------------------|--------|-----|-------|-----------------|------------------|--------|
| 3-Hydroxycarbofuran    | <1.0   | 1.0 | ug/g  | LC-MS/MS        | 10/15/20 6:00 pm |        |
| Bendiocarb             | <1.0   | 1.0 | ug/g  | LC-MS/MS        | 10/15/20 6:00 pm | L2     |
| Bifenazate             | <1.0   | 1.0 | ug/g  | LC-MS/MS        | 10/15/20 6:00 pm |        |
| Carbofuran (Furadan)   | <1.0   | 1.0 | ug/g  | LC-MS/MS        | 10/15/20 6:00 pm |        |
| Chloroxuron            | <1.0   | 1.0 | ug/g  | LC-MS/MS        | 10/15/20 6:00 pm |        |
| Chlorotoluron          | <1.0   | 1.0 | ug/g  | LC-MS/MS        | 10/15/20 6:00 pm |        |
| Cycluron               | <1.0   | 1.0 | ug/g  | LC-MS/MS        | 10/15/20 6:00 pm |        |
| Cymoxanil              | <1.0   | 1.0 | ug/g  | LC-MS/MS        | 10/15/20 6:00 pm |        |
| Diethofencarb          | <1.0   | 1.0 | ug/g  | LC-MS/MS        | 10/15/20 6:00 pm |        |
| Diuron                 | <1.0   | 1.0 | ug/g  | LC-MS/MS        | 10/15/20 6:00 pm | V9     |
| Fenobucarb             | <1.0   | 1.0 | ug/g  | LC-MS/MS        | 10/15/20 6:00 pm |        |
| Fenoxycarb             | <1.0   | 1.0 | ug/g  | LC-MS/MS        | 10/15/20 6:00 pm |        |
| Fenuron                | <1.0   | 1.0 | ug/g  | LC-MS/MS        | 10/15/20 6:00 pm |        |
| Indoxacarb             | <1.0   | 1.0 | ug/g  | LC-MS/MS        | 10/15/20 6:00 pm |        |
| Iprovalicarb           | <1.0   | 1.0 | ug/g  | LC-MS/MS        | 10/15/20 6:00 pm |        |
| Isoprocarb             | <1.0   | 1.0 | ug/g  | LC-MS/MS        | 10/15/20 6:00 pm |        |
| Isoproturon            | <1.0   | 1.0 | ug/g  | LC-MS/MS        | 10/15/20 6:00 pm |        |
| Linuron                | <1.0   | 1.0 | ug/g  | LC-MS/MS        | 10/15/20 6:00 pm |        |
| Metobromuron           | <1.0   | 1.0 | ug/g  | LC-MS/MS        | 10/15/20 6:00 pm |        |
| Monolinuron            | <1.0   | 1.0 | ug/g  | LC-MS/MS        | 10/15/20 6:00 pm |        |
| Pirimicarb             | <1.0   | 1.0 | ug/g  | LC-MS/MS        | 10/15/20 6:00 pm |        |
| Promecarb              | <1.0   | 1.0 | ug/g  | LC-MS/MS        | 10/15/20 6:00 pm |        |
| Propoxur               | <1.0   | 1.0 | ug/g  | LC-MS/MS        | 10/15/20 6:00 pm |        |
| Siduron                | <1.0   | 1.0 | ug/g  | LC-MS/MS        | 10/15/20 6:00 pm |        |
| Thiobencarb            | <1.0   | 1.0 | ug/g  | LC-MS/MS        | 10/15/20 6:00 pm |        |
| Avermectin (abamectin) | <1.0   | 1.0 | ug/g  | LC-MS/MS        | 10/15/20 6:00 pm |        |
| Acequinocyl            | <1.0   | 1.0 | ug/g  | LC-MS/MS        | 10/15/20 6:00 pm |        |
| Bifenthrin             | <1.0   | 1.0 | ug/g  | LC-MS/MS        | 10/15/20 6:00 pm |        |
| Cyfluthrin             | <1.0   | 1.0 | ug/g  | LC-MS/MS        | 10/15/20 6:00 pm |        |
| Etoxazole              | <1.0   | 1.0 | ug/g  | LC-MS/MS        | 10/15/20 6:00 pm |        |
| Imazalil               | <1.0   | 1.0 | ug/g  | LC-MS/MS        | 10/15/20 6:00 pm |        |
| Imidacloprid           | <1.0   | 1.0 | ug/g  | LC-MS/MS        | 10/15/20 6:00 pm | L2, V9 |
| Azoxystrobin           | <1.0   | 1.0 | ug/g  | LC-MS/MS        | 10/15/20 6:00 pm |        |
| Paclbutrazol           | <1.0   | 1.0 | ug/g  | LC-MS/MS        | 10/15/20 6:00 pm |        |
| Spinetoram (J&L)       | <1.0   | 1.0 | ug/g  | LC-MS/MS        | 10/15/20 6:00 pm |        |
| Spinosad D             | <1.0   | 1.0 | ug/g  | LC-MS/MS        | 10/15/20 6:00 pm |        |
| Spiromesifen           | <1.0   | 1.0 | ug/g  | LC-MS/MS        | 10/15/20 6:00 pm |        |
| Spirotetramat          | <1.0   | 1.0 | ug/g  | LC-MS/MS        | 10/15/20 6:00 pm |        |
| Tebufenpyrad           | <1.0   | 1.0 | ug/g  | LC-MS/MS        | 10/15/20 6:00 pm |        |
| Pyrethrin I            | <1.0   | 1.0 | ug/g  | LC-MS/MS        | 10/15/20 6:00 pm |        |
| Pyrethrin II           | <1.0   | 1.0 | ug/g  | LC-MS/MS        | 10/15/20 6:00 pm |        |

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## Certificate of Analysis

### Notes and Definitions

|       |   |
|-------|---|
| CFU/g | Colony Forming Units per Gram   |
| HPLC  | High-Performance Liquid Chromatography                                      |
| MS    | Mass Spectrometry   |
| <     | Less than value listed  |
| RL    | Reporting Limit   |
| NA    | Not Applicable  |
| L2    | The associated blank spike recovery was below laboratory acceptance limits. |
| V9    | CCV recovery was below method acceptance limits.                            |