



### Special Sauce

Sample ID: G1A0112-01

Matrix: Industrial Hemp

Test ID: 5013806

Source ID:

Date Sampled: 01/07/21

Date Accepted: 01/07/21

*Great Harvest Logistics*

### Results at a Glance

Total THC : 0.4791 %

Total CBD : 10.20 %

Total CBG : 0.5312 %

Total Terpenes : 1.235 % PASS



*Russell Kuhfeld*

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Quality Officer - 1/11/2021

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### Potency Analysis

Date/Time Extracted: 01/09/21 08:44

Analysis Method/SOP: 215

Batch Identification: 2102059

| Cannabinoids | LOQ (%)  | % by Wt. | mg/g   | Cannabinoids Profile |
|--------------|----------|----------|--------|----------------------|
| Total THC    | 0.009080 | 0.4791   | 4.791  |                      |
| Total CBD    | 0.008300 | 10.20    | 102    |                      |
| Total CBG    | 7.900E-4 | 0.5312   | 5.312  |                      |
| THCA         | 0.002920 | 0.5192   | 5.192  |                      |
| delta 9-THC  | 0.009080 | 0.02375  | 0.2375 |                      |
| THCV         | 0.005055 | 0.01837  | 0.1837 |                      |
| THCVA        | 0.001885 | < LOQ    | < LOQ  |                      |
| CBD          | 0.006220 | 0.1748   | 1.748  |                      |
| CBDA         | 0.008300 | 11.43    | 114.3  |                      |
| CBDV         | 0.005000 | < LOQ    | < LOQ  |                      |
| CBDVA        | 0.001640 | 0.2870   | 2.87   |                      |
| CBN          | 0.002990 | < LOQ    | < LOQ  |                      |
| CBG          | 7.900E-4 | 0.06661  | 0.6661 |                      |
| CBGA         | 7.900E-4 | 0.5292   | 5.292  |                      |
| CBC          | 0.008965 | 0.05062  | 0.5062 |                      |

| Cannabinoid | Value |
|-------------|-------|
| THCA        | 0.5   |
| delta 9-THC | 0.0   |
| THCV        | 0.0   |
| CBGA        | 0.5   |
| CBDA        | 11.4  |
| CBD         | 0.2   |
| CBG         | 0.1   |
| CBC         | 0.1   |
| CBDVA       | 0.3   |
| Total       | 13.1  |

Total THC = delta 9-THC + (THCA \* 0.877)

Total CBD = CBD + (CBDA \* 0.877)

Total CBG = CBG + (CBGA \* 0.878)

LOQ=Limit of Quantification, the lowest measurable concentration of an analyte.



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Test ID: 5013806

Source ID:

Date Sampled: 01/07/21

Date Accepted: 01/07/21

Great Harvest Logistics

### Terpene Analysis

Date/Time Extracted: 01/09/21 08:44

Analysis Method/SOP: 204

| Monoterpenes          | %            | mg/g         | Monoterpenes         | %       | mg/g   |
|-----------------------|--------------|--------------|----------------------|---------|--------|
| Camphene              | < LOQ        | < LOQ        | Camphor              | < LOQ   | < LOQ  |
| 3-Carene              | < LOQ        | < LOQ        | alpha-Cedrene        | < LOQ   | < LOQ  |
| Cedrol                | < LOQ        | < LOQ        | Endo-fenchyl alcohol | < LOQ   | < LOQ  |
| Eucalyptol            | < LOQ        | < LOQ        | Fenchone             | < LOQ   | < LOQ  |
| Geraniol              | < LOQ        | < LOQ        | Geranyl acetate      | < LOQ   | < LOQ  |
| Hexahydrothymol       | < LOQ        | < LOQ        | Isoborneol           | < LOQ   | < LOQ  |
| Isopulegol            | < LOQ        | < LOQ        | Limonene             | 0.03872 | 0.3872 |
| Linalool              | 0.02862      | 0.2862       | p-Mentha-1,5-diene   | < LOQ   | < LOQ  |
| beta-Myrcene          | 0.3632       | 3.632        | alpha-Pinene         | 0.01290 | 0.129  |
| beta-Pinene           | 0.008169     | 0.08169      | Pulegone             | < LOQ   | < LOQ  |
| Sabinene              | < LOQ        | < LOQ        | Sabinene hydrate     | < LOQ   | < LOQ  |
| gamma-Terpinene       | < LOQ        | < LOQ        | alpha-Terpinene      | < LOQ   | < LOQ  |
| Terpineol             | 0.01411      | 0.1411       | Terpinolene          | 0.08505 | 0.8505 |
| B Y-Terpineol         | < LOQ        | < LOQ        | Nerol                | < LOQ   | < LOQ  |
| A-Terpineol           | 0.02239      | 0.2239       | Borneol              | < LOQ   | < LOQ  |
| Ocimene isomer II     | 0.06189      | 0.6189       | Ocimene isomer I     | < LOQ   | < LOQ  |
| Sesquiterpenes        | %            | mg/g         | Sesquiterpenes       | %       | mg/g   |
| alpha-Bisabolol       | 0.09993      | 0.9993       | beta-Caryophyllene   | 0.2555  | 2.555  |
| Caryophyllene Oxide   | 0.02546      | 0.2546       | Guaiol               | 0.05927 | 0.5927 |
| alpha-Humulene        | 0.08261      | 0.8261       | trans-Nerolidol      | < LOQ   | < LOQ  |
| Valencene             | 0.09159      | 0.9159       | cis-Nerolidol        | < LOQ   | < LOQ  |
| <b>Total Terpenes</b> | <b>1.235</b> | <b>12.35</b> |                      |         |        |

<LOQ - Results below the Limit of Quantitation - Terpenes profile/analysis are not accredited to ORELAP TNI 2009 Quality Standards.



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Test ID: 5013806

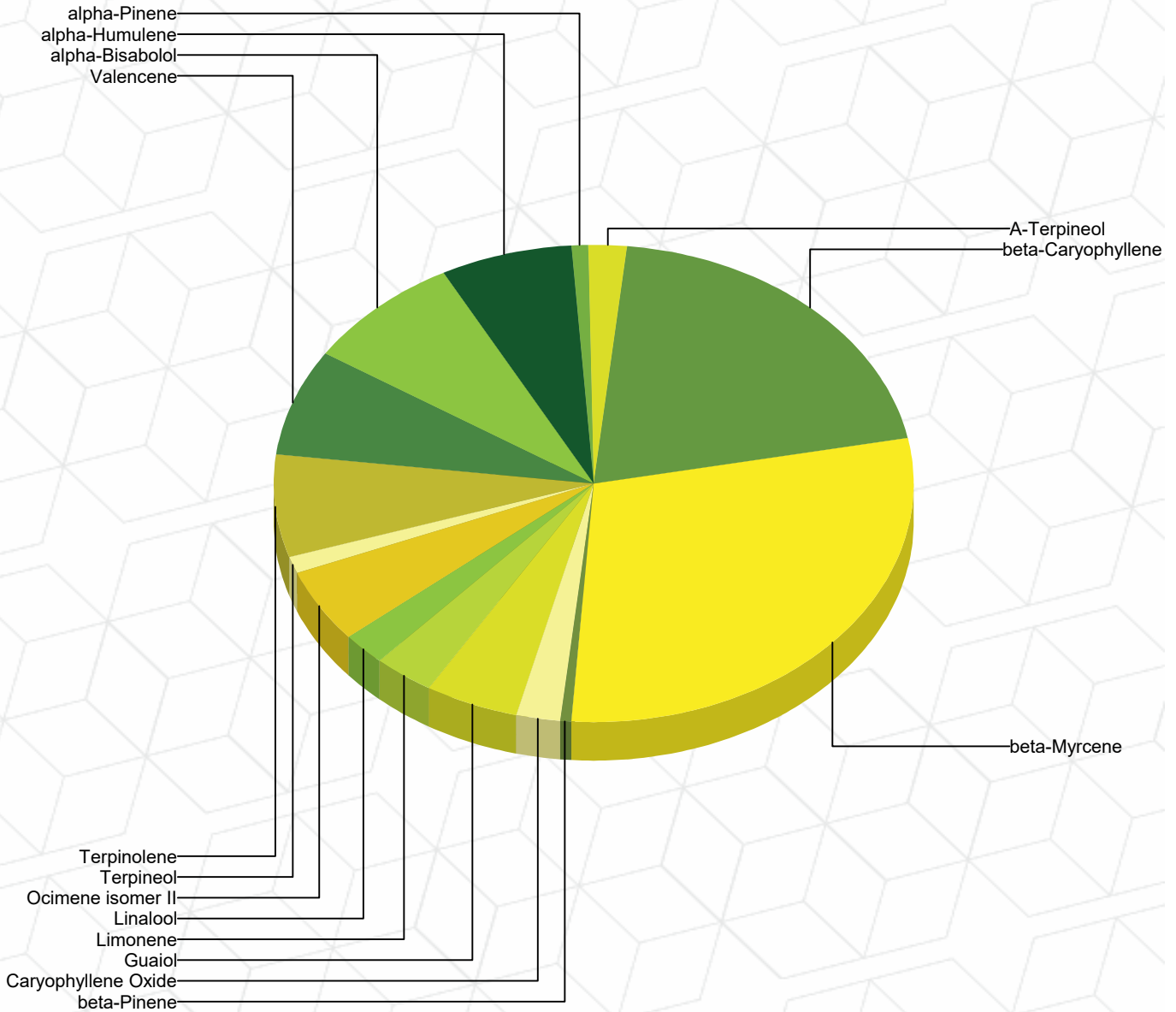
Source ID:

Date Sampled: 01/07/21

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### Terpene Profile



Percentage of Total Terpenes Identified



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### Quality Control Potency

Batch: 2102059 - 215-Hemp

| Blank(2102059-BLK1) |        |          |       |                  |                |                |
|---------------------|--------|----------|-------|------------------|----------------|----------------|
| Analyte             | Result | LOQ      | Units | %Recovery Limits | Extracted      | Analyzed       |
| THCA                | < LOQ  | 0.01168  | %     |                  | 01/09/21 08:44 | 01/09/21 17:58 |
| delta 9-THC         | < LOQ  | 0.03632  | %     |                  | 01/09/21 08:44 | 01/09/21 17:58 |
| THCV                | < LOQ  | 0.02022  | %     |                  | 01/09/21 08:44 | 01/09/21 17:58 |
| THCVA               | < LOQ  | 0.007540 | %     |                  | 01/09/21 08:44 | 01/09/21 17:58 |
| CBD                 | < LOQ  | 0.006220 | %     |                  | 01/09/21 08:44 | 01/09/21 17:58 |
| CBDA                | < LOQ  | 0.008300 | %     |                  | 01/09/21 08:44 | 01/09/21 17:58 |
| CBDV                | < LOQ  | 0.02000  | %     |                  | 01/09/21 08:44 | 01/09/21 17:58 |
| CBDVA               | < LOQ  | 0.006560 | %     |                  | 01/09/21 08:44 | 01/09/21 17:58 |
| CBN                 | < LOQ  | 0.01196  | %     |                  | 01/09/21 08:44 | 01/09/21 17:58 |
| CBG                 | < LOQ  | 0.003160 | %     |                  | 01/09/21 08:44 | 01/09/21 17:58 |
| CBGA                | < LOQ  | 0.003160 | %     |                  | 01/09/21 08:44 | 01/09/21 17:58 |
| CBC                 | < LOQ  | 0.03586  | %     |                  | 01/09/21 08:44 | 01/09/21 17:58 |

| Reference(2102059-SRM1) |            |          |       |                  |                |                |
|-------------------------|------------|----------|-------|------------------|----------------|----------------|
| Analyte                 | % Recovery | LOQ      | Units | %Recovery Limits | Extracted      | Analyzed       |
| THCA                    | 93.5       | 0.002920 | %     | 80-120           | 01/09/21 08:44 | 01/09/21 18:21 |
| delta 9-THC             | 97.1       | 0.009080 | %     | 80-120           | 01/09/21 08:44 | 01/09/21 18:21 |
| CBD                     | 97.8       | 0.001555 | %     | 80-120           | 01/09/21 08:44 | 01/09/21 18:21 |
| CBDA                    | 95.2       | 0.002075 | %     | 80-120           | 01/09/21 08:44 | 01/09/21 18:21 |

### Terpene Analysis

Batch: 2102059 - 215-Hemp

| Blank(2102059-BLK2)  |        |          |       |                  |                |                |
|----------------------|--------|----------|-------|------------------|----------------|----------------|
| Analyte              | Result | LOQ      | Units | %Recovery Limits | Extracted      | Analyzed       |
| alpha-Bisabolol      | < LOQ  | 0.001000 | %     |                  | 01/09/21 08:44 | 01/09/21 18:07 |
| Camphene             | < LOQ  | 0.001000 | %     |                  | 01/09/21 08:44 | 01/09/21 18:07 |
| Camphor              | < LOQ  | 0.001000 | %     |                  | 01/09/21 08:44 | 01/09/21 18:07 |
| 3-Carene             | < LOQ  | 0.001000 | %     |                  | 01/09/21 08:44 | 01/09/21 18:07 |
| beta-Caryophyllene   | < LOQ  | 0.001000 | %     |                  | 01/09/21 08:44 | 01/09/21 18:07 |
| Caryophyllene Oxide  | < LOQ  | 0.001000 | %     |                  | 01/09/21 08:44 | 01/09/21 18:07 |
| alpha-Cedrene        | < LOQ  | 0.001000 | %     |                  | 01/09/21 08:44 | 01/09/21 18:07 |
| Cedrol               | < LOQ  | 0.001000 | %     |                  | 01/09/21 08:44 | 01/09/21 18:07 |
| Endo-fenchyl alcohol | < LOQ  | 0.001000 | %     |                  | 01/09/21 08:44 | 01/09/21 18:07 |
| Eucalyptol           | < LOQ  | 0.001000 | %     |                  | 01/09/21 08:44 | 01/09/21 18:07 |
| Fenchone             | < LOQ  | 0.001000 | %     |                  | 01/09/21 08:44 | 01/09/21 18:07 |
| Geraniol             | < LOQ  | 0.001000 | %     |                  | 01/09/21 08:44 | 01/09/21 18:07 |
| Geranyl acetate      | < LOQ  | 0.001000 | %     |                  | 01/09/21 08:44 | 01/09/21 18:07 |
| Guaiol               | < LOQ  | 0.001000 | %     |                  | 01/09/21 08:44 | 01/09/21 18:07 |
| Hexahydrothymol      | < LOQ  | 0.001000 | %     |                  | 01/09/21 08:44 | 01/09/21 18:07 |



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### Quality Control Terpene Analysis (Continued)

Batch: 2102059 - 215-Hemp (Continued)

| Blank(2102059-BLK2) |        |          |       |                  |                |                |
|---------------------|--------|----------|-------|------------------|----------------|----------------|
| Analyte             | Result | LOQ      | Units | %Recovery Limits | Extracted      | Analyzed       |
| alpha-Humulene      | < LOQ  | 0.001000 | %     |                  | 01/09/21 08:44 | 01/09/21 18:07 |
| Isoborneol          | < LOQ  | 0.001000 | %     |                  | 01/09/21 08:44 | 01/09/21 18:07 |
| Isopulegol          | < LOQ  | 0.001000 | %     |                  | 01/09/21 08:44 | 01/09/21 18:07 |
| Limonene            | < LOQ  | 0.001000 | %     |                  | 01/09/21 08:44 | 01/09/21 18:07 |
| Linalool            | < LOQ  | 0.001000 | %     |                  | 01/09/21 08:44 | 01/09/21 18:07 |
| p-Mentha-1,5-diene  | < LOQ  | 0.001000 | %     |                  | 01/09/21 08:44 | 01/09/21 18:07 |
| beta-Myrcene        | < LOQ  | 0.001000 | %     |                  | 01/09/21 08:44 | 01/09/21 18:07 |
| trans-Nerolidol     | < LOQ  | 0.001000 | %     |                  | 01/09/21 08:44 | 01/09/21 18:07 |
| alpha-Pinene        | < LOQ  | 0.001000 | %     |                  | 01/09/21 08:44 | 01/09/21 18:07 |
| beta-Pinene         | < LOQ  | 0.001000 | %     |                  | 01/09/21 08:44 | 01/09/21 18:07 |
| Pulegone            | < LOQ  | 0.001000 | %     |                  | 01/09/21 08:44 | 01/09/21 18:07 |
| Sabinene            | < LOQ  | 0.001000 | %     |                  | 01/09/21 08:44 | 01/09/21 18:07 |
| Sabinene hydrate    | < LOQ  | 0.001000 | %     |                  | 01/09/21 08:44 | 01/09/21 18:07 |
| gamma-Terpinene     | < LOQ  | 0.001000 | %     |                  | 01/09/21 08:44 | 01/09/21 18:07 |
| alpha-Terpinene     | < LOQ  | 0.001000 | %     |                  | 01/09/21 08:44 | 01/09/21 18:07 |
| Terpineol           | < LOQ  | 0.001000 | %     |                  | 01/09/21 08:44 | 01/09/21 18:07 |
| Terpinolene         | < LOQ  | 0.001000 | %     |                  | 01/09/21 08:44 | 01/09/21 18:07 |
| Valencene           | < LOQ  | 0.001000 | %     |                  | 01/09/21 08:44 | 01/09/21 18:07 |
| B Y-Terpineol       | < LOQ  | 0.001000 | %     |                  | 01/09/21 08:44 | 01/09/21 18:07 |
| Nerol               | < LOQ  | 0.001000 | %     |                  | 01/09/21 08:44 | 01/09/21 18:07 |
| A-Terpineol         | < LOQ  | 0.001000 | %     |                  | 01/09/21 08:44 | 01/09/21 18:07 |
| cis-Nerolidol       | < LOQ  | 0.001000 | %     |                  | 01/09/21 08:44 | 01/09/21 18:07 |
| Borneol             | < LOQ  | 0.001000 | %     |                  | 01/09/21 08:44 | 01/09/21 18:07 |
| Ocimene isomer II   | < LOQ  | 0.001000 | %     |                  | 01/09/21 08:44 | 01/09/21 18:07 |
| Ocimene isomer I    | < LOQ  | 0.001000 | %     |                  | 01/09/21 08:44 | 01/09/21 18:07 |

| Reference(2102059-SRM2) |            |          |       |                  |                |                |
|-------------------------|------------|----------|-------|------------------|----------------|----------------|
| Analyte                 | % Recovery | LOQ      | Units | %Recovery Limits | Extracted      | Analyzed       |
| beta-Caryophyllene      | 129        | 2.500E-4 | %     | 70-130           | 01/09/21 08:44 | 01/09/21 18:25 |
| alpha-Humulene          | 92.3       | 2.500E-4 | %     | 70-130           | 01/09/21 08:44 | 01/09/21 18:25 |
| beta-Myrcene            | 128        | 2.500E-4 | %     | 70-130           | 01/09/21 08:44 | 01/09/21 18:25 |



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