

## CBG-21-005

Concentrates & Extracts, Cannabinoid Isolate, Other



Pesticides



Microbials



Mycotoxins



Heavy Metals



Foreign Matter



Solvents

### Terpenes

Analyzed by 200.10 GC/FID and GC/MS

| <LOQ<br>Total Terpenes |       |      |      |
|------------------------|-------|------|------|
| Compound               | LOQ   | Mass | Mass |
|                        | %     | %    | mg/g |
| α-Bisabolol            | 0.016 | <LOQ | <LOQ |
| α-Humulene             | 0.016 | <LOQ | <LOQ |
| α-Pinene               | 0.016 | <LOQ | <LOQ |
| α-Terpinene            | 0.016 | <LOQ | <LOQ |
| β-Caryophyllene        | 0.016 | <LOQ | <LOQ |
| β-Myrcene              | 0.016 | <LOQ | <LOQ |
| β-Pinene               | 0.016 | <LOQ | <LOQ |
| Camphene               | 0.016 | <LOQ | <LOQ |
| Caryophyllene Oxide    | 0.016 | <LOQ | <LOQ |
| cis-Nerolidol          | 0.010 | <LOQ | <LOQ |
| cis-Ocimene            | 0.010 | <LOQ | <LOQ |
| δ-3-Carene             | 0.016 | <LOQ | <LOQ |
| δ-Limonene             | 0.016 | <LOQ | <LOQ |
| Eucalyptol             | 0.016 | <LOQ | <LOQ |
| γ-Terpinene            | 0.016 | <LOQ | <LOQ |
| Geraniol               | 0.016 | <LOQ | <LOQ |
| Guaiol                 | 0.016 | <LOQ | <LOQ |
| Isopulegol             | 0.016 | <LOQ | <LOQ |
| Linalool               | 0.016 | <LOQ | <LOQ |
| p-Cymene               | 0.016 | <LOQ | <LOQ |
| Terpinolene            | 0.016 | <LOQ | <LOQ |
| trans-Nerolidol        | 0.005 | <LOQ | <LOQ |
| trans-Ocimene          | 0.005 | <LOQ | <LOQ |

### Cannabinoid Relative Concentration

Analyzed by 200.18 UHPLC/PDA

| <LOQ<br>Total THC             |       | <LOQ<br>Total CBD |        | NT<br>Moisture: Not Tested |  |
|-------------------------------|-------|-------------------|--------|----------------------------|--|
| 99.900%<br>Total Cannabinoids |       |                   |        |                            |  |
| Compound                      | LOQ   | Mass              | Mass   | Relative Concentration     |  |
|                               | %     | %                 | mg/g   |                            |  |
| CBC                           | 0.047 | <LOQ              | <LOQ   |                            |  |
| CBCa                          | 0.047 | <LOQ              | <LOQ   |                            |  |
| CBD                           | 0.047 | <LOQ              | <LOQ   |                            |  |
| CBDa                          | 0.012 | <LOQ              | <LOQ   |                            |  |
| CBDV                          | 0.047 | <LOQ              | <LOQ   |                            |  |
| CBDVa                         | 0.047 | <LOQ              | <LOQ   |                            |  |
| CBG                           | 0.047 | 99.900            | 999.00 |                            |  |
| CBGa                          | 0.047 | <LOQ              | <LOQ   |                            |  |
| CBL                           | 0.047 | <LOQ              | <LOQ   |                            |  |
| CBN                           | 0.047 | <LOQ              | <LOQ   |                            |  |
| Δ8-THC                        | 0.047 | <LOQ              | <LOQ   |                            |  |
| Δ9-THC                        | 0.047 | <LOQ              | <LOQ   |                            |  |
| THCa                          | 0.047 | <LOQ              | <LOQ   |                            |  |
| THCV                          | 0.047 | <LOQ              | <LOQ   |                            |  |
| THCVa                         | 0.047 | <LOQ              | <LOQ   |                            |  |

Total THC = 0.877 x THCa + Δ9-THC + Δ8-THC; Total CBD = CBDa \* 0.877 + CBD



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Concentrates & Extracts, Cannabinoid Isolate, Other



### Pesticides

Analyzed by 300.9 LC/MS/MS and GC/MS/MS

Pass

| Compound                | LOQ | Limit | Mass | Status |
|-------------------------|-----|-------|------|--------|
|                         | PPB | PPB   | PPB  |        |
| Abamectin               | 10  | 200   | <LOQ | Pass   |
| Acequinocyl             | 10  | 4000  | <LOQ | Pass   |
| Bifenazate              | 10  | 400   | <LOQ | Pass   |
| Bifenthrin              | 10  | 100   | <LOQ | Pass   |
| Cyfluthrin              | 10  | 2000  | <LOQ | Pass   |
| Cypermethrin            | 10  | 1000  | <LOQ | Pass   |
| Daminozide              | 10  | 800   | <LOQ | Pass   |
| Dimethomorph            | 10  | 2000  | <LOQ | Pass   |
| Etoxazole               | 10  | 400   | <LOQ | Pass   |
| Fenhexamid              | 10  | 1000  | <LOQ | Pass   |
| Flonicamid              | 10  | 1000  | <LOQ | Pass   |
| Fludioxonil             | 10  | 500   | <LOQ | Pass   |
| Imidacloprid            | 10  | 500   | <LOQ | Pass   |
| Myclobutanil            | 10  | 400   | <LOQ | Pass   |
| Paclobutrazol           | 10  | 400   | <LOQ | Pass   |
| Piperonyl Butoxide      | 10  | 3000  | <LOQ | Pass   |
| Pyrethrins              | 10  | 2000  | <LOQ | Pass   |
| Quintozene              | 10  | 800   | <LOQ | Pass   |
| Spinetoram              | 10  | 1000  | <LOQ | Pass   |
| Spinosad                | 10  | 1000  | <LOQ | Pass   |
| Spirotetramat           | 10  | 1000  | <LOQ | Pass   |
| Thiamethoxam            | 10  | 400   | <LOQ | Pass   |
| Trifloxystrobin         | 10  | 1000  | <LOQ | Pass   |
| Plant Growth Regulators | 10  | 50    | <LOQ | Pass   |

### Microbials

Analyzed by 300.1 Plating/PCR

Pass

| Quantitative Analysis                | LOQ   | Limit | Mass  | Status |
|--------------------------------------|-------|-------|-------|--------|
|                                      | CFU/g | CFU/g | CFU/g |        |
| Bile Tolerant Gram-Negative Bacteria | 7     | 100   | <LOQ  | Pass   |
| Yeast & Mold                         | 90    | 1000  | <LOQ  | Pass   |

  

| Qualitative Analysis | Detected or Not Detected | Status |
|----------------------|--------------------------|--------|
| E. Coli              | Not Detected             | Pass   |
| Salmonella           | Not Detected             | Pass   |

### Mycotoxins

Analyzed by 300.2 HPLC

Pass

| Mycotoxin    | LOQ | Limit | Mass | Status |
|--------------|-----|-------|------|--------|
|              | PPB | PPB   | PPB  |        |
| Aflatoxins   | 4.0 | 20.0  | 4.9  | Pass   |
| Ochratoxin A | 2.0 | 20.0  | 7.6  | Pass   |

### Heavy Metals

Analyzed by 300.8 ICP-MS

Pass

| Element | LOQ | Limit | Mass | Status |
|---------|-----|-------|------|--------|
|         | PPB | PPB   | PPB  |        |
| Arsenic | 42  | 2000  | <LOQ | Pass   |
| Cadmium | 42  | 800   | <LOQ | Pass   |
| Lead    | 42  | 1200  | <LOQ | Pass   |
| Mercury | 42  | 400   | <LOQ | Pass   |

### Residual Solvents

Analyzed by 300.1 GC/TID and GC/MS

Pass

| Compound | LOQ | Limit | Mass | Status |
|----------|-----|-------|------|--------|
|          | PPM | PPM   | PPM  |        |
| Butanes  | 100 | 500   | <LOQ | Pass   |
| Ethanol  | 100 |       | <LOQ | Tested |
| Heptanes | 100 | 500   | <LOQ | Pass   |
| Propane  | 100 | 500   | <LOQ | Pass   |



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