



Certificate of Analysis

Powered by Confident Cannabis

ACES

Sample: 1912DBL0245.12340

Greensboro, NC 27401
 charles.dick@aceshemp.com
 (336) 707-7336
 Lic. #CBD

METRC Sample:

Strain: NA
 Ordered: 12/16/2019; Sampled: 12/16/2019; Completed: 12/23/2019

Capsules

Ingestible, Capsule



Pesticides



Microbials



Mycotoxins



Heavy Metals



Foreign Matter



Solvents

Terpenes

Analyzed by 300.13 GC/FID and GC/MS

| Compound | LOQ | Mass | Mass |
|------------------------|---------|---------|------|
| | mg/unit | mg/unit | mg/g |
| <LOQ Total Terpenes | | | |
| α-Bisabolol | 0.071 | <LOQ | <LOQ |
| α-Humulene | 0.071 | <LOQ | <LOQ |
| α-Pinene | 0.071 | <LOQ | <LOQ |
| α-Terpinene | 0.071 | <LOQ | <LOQ |
| β-Caryophyllene | 0.071 | <LOQ | <LOQ |
| β-Myrcene | 0.071 | <LOQ | <LOQ |
| β-Pinene | 0.071 | <LOQ | <LOQ |
| Camphene | 0.071 | <LOQ | <LOQ |
| Caryophyllene Oxide | 0.071 | <LOQ | <LOQ |
| cis-Nerolidol | 0.046 | <LOQ | <LOQ |
| cis-Ocimene | 0.046 | <LOQ | <LOQ |
| δ-3-Carene | 0.071 | <LOQ | <LOQ |
| δ-Limonene | 0.071 | <LOQ | <LOQ |
| Eucalyptol | 0.071 | <LOQ | <LOQ |
| γ-Terpinene | 0.071 | <LOQ | <LOQ |
| Guaiol | 0.071 | <LOQ | <LOQ |
| Isopulegol | 0.071 | <LOQ | <LOQ |
| Linalool | 0.071 | <LOQ | <LOQ |
| p-Cymene | 0.071 | <LOQ | <LOQ |
| Terpinolene | 0.071 | <LOQ | <LOQ |
| trans-Nerolidol | 0.025 | <LOQ | <LOQ |
| trans-Ocimene | 0.025 | <LOQ | <LOQ |

Cannabinoid Relative Concentration

Analyzed by 300.18 UHPLC/PDA

| Compound | LOQ | Mass | Mass | Relative Concentration |
|--------------------------------------|---------|---------|--------|------------------------|
| | mg/unit | mg/unit | mg/g | |
| 0.170 % Δ9-THC | | | | |
| 28.535 mg/unit CBD | | | | |
| 31.929 mg/unit Total Cannabinoids | | | | |
| CBC | 0.049 | 1.633 | 2.546 | █ |
| CBCa | 0.049 | <LOQ | <LOQ | |
| CBD | 0.049 | 28.535 | 44.495 | █ |
| CBDa | 0.049 | <LOQ | <LOQ | |
| CBDV | 0.049 | 0.331 | 0.516 | |
| CBDVa | 0.049 | <LOQ | <LOQ | |
| CBG | 0.049 | 0.343 | 0.535 | |
| CBGa | 0.049 | <LOQ | <LOQ | |
| CBL | 0.049 | <LOQ | <LOQ | |
| CBN | 0.049 | <LOQ | <LOQ | |
| Δ8-THC | 0.049 | <LOQ | <LOQ | |
| Δ9-THC | 0.049 | 1.088 | 1.696 | █ |
| THCa | 0.049 | <LOQ | <LOQ | |
| THCV | 0.049 | <LOQ | <LOQ | |
| THCVa | 0.049 | <LOQ | <LOQ | |

1 Unit = Capsules, 0.6413g
 Total THC = 0.877 x THC-A + Δ9-THC + Δ8-THC; Total CBD = CBDa * 0.877 + CBD



Stacy Gardalen

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 Quality Control

Glen Marquez

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Capsules

Ingestible, Capsule



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 |
| Paclbutrazol | 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/QPCR

Pass

| Quantitative Analysis | LOQ | Limit | Mass | Status |
|--------------------------------------|-------|--------|-------|--------|
| | CFU/g | CFU/g | CFU/g | |
| Aerobic Bacteria | 800 | 100000 | <LOQ | Pass |
| Bile-Tolerant Gram-Negative Bacteria | 80 | 1000 | <LOQ | Pass |

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

Mycotoxins

Analyzed by 300.2 Elisa

Not Tested

| Mycotoxin | LOQ | Limit | Mass | Status |
|-----------|-----|-------|------|--------|
| | | | | |

Heavy Metals

Analyzed by 300.8 ICP/MS

Pass

| Element | LOQ | Limit | Mass | Status |
|---------|-----|-------|------|--------|
| | PPB | PPB | PPB | |
| Arsenic | 15 | 2000 | <LOQ | Pass |
| Cadmium | 15 | 820 | <LOQ | Pass |
| Lead | 15 | 1200 | 19 | Pass |
| Mercury | 15 | 400 | <LOQ | Pass |

Residual Solvents

Analyzed by 300.13 GC/FID and GC/MS

Not Tested

| Compound | LOQ | Limit | Mass | Status |
|----------|-----|-------|------|--------|
| | | | | |



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Capsules

Ingestible, Capsule



Pesticides/Plant Growth Regulators*

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Pass

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|-------------------------|------------|--------------|-------------|--------|
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Notes:



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Ingestible, Capsule



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|--------------------------|-----|-------|------|--------|---|
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