# CERTIFICATE OF ANALYSIS



**Curaleaf**
34 Hopmeadow St.
Weatogue, CT 06089

Date Received: 03/22/2024
Report Date: 04/01/2024
NELabs Report ID: 2492980-22

## Product ID: 240321D-GO

Biotrack ID: 9739805611661587

| Microbiology | Results (CFU) | Limits (CFU) | Methods |
|---|---|---|---|
| **Total Aerobic Microbial Count** | <100 | 100,000 | AOAC 990.12 |
| **Total Yeast & Mold Count** | <100 | 100,000 | AOAC 2014.05 |
| ***Aspergillus*** *(flavus, fumigatus, terreus, niger)* | Not Detected | Not Detected | qPCR |
| **Enteropathogenic *E. coli*** | Not Detected | Not Detected | AOAC 2017.01 |
| ***Listeria Monocytogenes*** | Not Detected | Not Detected | AOAC 2016.08 |
| ***Salmonella*** **species** | Not Detected | Not Detected | AOAC 2016.01 |
| **Shiga Toxin Producing *E. coli*** | Not Detected | Not Detected | FDA BAM |
| **Pass/Fail: PASS** | | | |

| Cannabinoids by HPLC | Results (% w/w) |
|---|---|
| **CBDV** | ---- |
| **CBDA** | ---- |
| **CBGA** | ---- |
| **CBG** | 3.39 |
| **CBD** | <LOQ |
| **THCV** | 0.67 |
| **CBN** | 0.70 |
| **$\Delta^9$ THC** | 88.09 |
| **$\Delta^8$ THC** | ---- |
| **CBL** | ---- |
| **THCA** | ---- |
| **CBC** | 1.41 |
| **Total Cannabinoids: 94.26 %** | |
| **Total THC (0.877*THCA+THC): 88.09 %** | |

| Terpenes by GC-MS | Results (% w/w) |
|---|---|
| **α-Pinene** | 0.26 |
| **β-Myrcene** | 0.95 |
| **β-Pinene** | 0.27 |
| **Limonene** | 2.48 |
| **α-Terpinolene** | 0.13 |
| **Linalool** | 0.36 |
| **β-Caryophyllene** | 0.37 |
| **α-Humulene** | 0.12 |
| **Caryophyllene Oxide** | ---- |
| **α-Bisabolol** | 0.26 |
| **Total Terpenes: 5.20 %** | |

| Residual Solvent by GC-MS | Results (% w/w) |
|---|---|
| **Ethanol** | <LOQ |

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| **Pesticides** by LC-MS/MS | **Results** | **Limits** |
|---|---|---|
| **Per Sample ≥ 0.5g** | Below Action Limits | Below Action Levels |
| **Pass/Fail**: **PASS** | | |

| **Mycotoxins** by LC-MS/MS | **Results (µg/kg)** | **Limits (µg/kg)** |
|---|---|---|
| **Aflatoxins (B1, B2, G1, G2)** | <20 each | <20 each |
| **Ochratoxin-A** | <20 | <20 |
| **Pass/Fail**: **PASS** | | |

| **Heavy Metals** by ICP-MS | **Results** | **Limits** |
|---|---|---|
| **As, Cd, Pb, Hg** | Below Action Limits | Below Action Levels |
| **Pass/Fail**: **PASS** | | |

| **Ingredient Testing** by FTIR | **Results (µg/kg)** | **Limits (µg/kg)** |
|---|---|---|
| Vitamin E Acetate | Not Detected | Absent |
| Medium Chain Triglycerides | Not Detected | Absent |
| Squalene | Not Detected | Absent |
| Squalane | Not Detected | Absent |
| Polyethylene Glycol | Not Detected | Absent |
| **Pass/Fail**: **PASS** | | |

NOTE: Results are for sample(s) submitted to Northeast Laboratories Inc. on 03/22/2024.

| **Date:** | **Reviewed by:** | **Released by:** |
|---|---|---|
| 04/01/2024 | **Garrett Johnson**, QA/QC | **Zachary Cannone**, Laboratory Director |

*This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISOILAC-IAF Communiqué dated April 2017).*

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| Cannabinoids | % w/w | mg per 300 mg | mg per 500 mg | mg per 1000 mg |
|---|---|---|---|---|
| **CBDV** | ---- | ---- | ---- | ---- |
| **CBDA** | ---- | ---- | ---- | ---- |
| **CBGA** | ---- | ---- | ---- | ---- |
| **CBG** | 3.39 | 10.17 | 16.95 | 33.90 |
| **CBD** | <LOQ | <1.0 | <1.0 | <1.0 |
| **THCV** | 0.67 | 2.01 | 3.35 | 6.70 |
| **CBN** | 0.70 | 2.10 | 3.50 | 7.00 |
| **$\Delta^9$ THC** | 88.09 | 264.27 | 440.45 | 880.90 |
| **$\Delta^8$ THC** | ---- | ---- | ---- | ---- |
| **CBL** | ---- | ---- | ---- | ---- |
| **THCA** | ---- | ---- | ---- | ---- |
| **CBC** | 1.41 | 4.23 | 7.05 | 14.10 |

NOTE: Results are for sample(s) submitted to Northeast Laboratories Inc. on 03/22/2024.