

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

Date Received: 01/13/2023  
Report Date: 01/24/2023  
NELabs Report ID: 2389292-10

## Product ID: 230112D-RA

Product Type: Concentrate

| Microbiology                                           | Results (CFU) | Limits (CFU) | Methods      |
|--------------------------------------------------------|---------------|--------------|--------------|
| Total Aerobic Microbial Count                          | <100          | 100,000      | AOAC 990.12  |
| Total Yeast & Mold Count                               | <100          | 10,000       | AOAC 2014.05 |
| <i>Aspergillus (flavus, fumigatus, terreus, niger)</i> | Not Detected  | Not Detected | qPCR         |
| Enteropathogenic <i>E. coli</i>                        | Not Detected  | Not Detected | AOAC 2017.01 |
| <i>Listeria Monocytogenes</i>                          | Not Detected  | Not Detected | AOAC 2016.08 |
| <i>Salmonella</i> species                              | Not Detected  | Not Detected | AOAC 2016.01 |
| Shiga Toxin Producing <i>E. coli</i>                   | Not Detected  | Not Detected | FDA BAM      |
| Pass/Fail: <b>PASS</b>                                 |               |              |              |

| Cannabinoids by HPLC      | Results (% w/w) |
|---------------------------|-----------------|
| CBDV                      | ----            |
| CBDA                      | ----            |
| CBGA                      | 0.53            |
| CBG                       | 2.91            |
| CBD                       | 0.29            |
| THCV                      | 0.49            |
| CBN                       | ----            |
| $\Delta^9$ THC            | 91.47           |
| CBL                       | ----            |
| CBC                       | ----            |
| THCA                      | ----            |
| Total Cannabinoids        | 95.69 %         |
| Total THC: <b>91.47 %</b> |                 |

| Residual Solvent<br>by GC-MS | Results (% w/w) |
|------------------------------|-----------------|
| Ethanol                      | <0.10           |

| Terpenes by GC-MS             | Results (% w/w) |
|-------------------------------|-----------------|
| $\alpha$ -Pinene              | 0.11            |
| Camphene                      | 0.01            |
| $\beta$ -Myrcene              | 0.37            |
| $\beta$ -Pinene               | 0.06            |
| 3-Carene                      | ----            |
| $\alpha$ -Terpinene           | ----            |
| Limonene                      | 1.11            |
| Ocimene                       | 0.04            |
| p-Cymene                      | ----            |
| $\gamma$ -Terpinene           | ----            |
| Terpinolene                   | 0.05            |
| Linalool                      | 0.15            |
| (-)-Isopulegol                | ----            |
| Geraniol                      | ----            |
| $\beta$ -Caryophyllene        | 0.75            |
| $\alpha$ -Humulene            | 0.21            |
| cis-Nerolidol                 | 0.01            |
| trans-Nerolidol               | 0.04            |
| Guaiol                        | ----            |
| $\alpha$ -Bisabolol           | ----            |
| Total Terpenes: <b>2.91 %</b> |                 |



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| Pesticides by LC-MS/MS | Results      | Limits              |
|------------------------|--------------|---------------------|
| Per Sample $\geq 0.5g$ | Not Detected | Below Action Levels |
| Pass/Fail: <b>PASS</b> |              |                     |

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

| Mycotoxins by LC-MS/MS      | Results ( $\mu g/kg$ ) | Limits ( $\mu g/kg$ ) |
|-----------------------------|------------------------|-----------------------|
| Aflatoxins (B1, B2, G1, G2) | <20 each               | <20 each              |
| Ochratoxin-A                | <20                    | <20                   |
| Pass/Fail: <b>PASS</b>      |                        |                       |

| Ingredient Testing by FTIR | Results ( $\mu g/kg$ ) | Limits ( $\mu g/kg$ ) |
|----------------------------|------------------------|-----------------------|
| 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: <b>PASS</b>     |                        |                       |

NOTE: Results are for sample(s) submitted to Northeast Laboratories Inc. on 01/13/2023.

|            |                                        |                                      |
|------------|----------------------------------------|--------------------------------------|
| Date:      | Reviewed by: <i>Michelle Szylobryt</i> | Released by: <i>Zachary Cannone</i>  |
| 01/24/2023 | Michelle Szylobryt, 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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| <b>Cannabinoids</b> | <b>% w/w</b> | <b>mg per 0.3 g</b> | <b>mg per 0.5 g</b> | <b>mg per 1.0 g</b> |
|---------------------|--------------|---------------------|---------------------|---------------------|
| CBDV                | ----         | ----                | ----                | ----                |
| CBDA                | ----         | ----                | ----                | ----                |
| CBGA                | 0.53         | 1.59                | 2.65                | 5.30                |
| CBG                 | 2.91         | 8.73                | 14.55               | 29.10               |
| CBD                 | 0.29         | 0.87                | 1.45                | 2.90                |
| THCV                | 0.49         | 1.47                | 2.45                | 4.90                |
| CBN                 | ----         | ----                | ----                | ----                |
| THC                 | 91.47        | 274.41              | 457.35              | 914.70              |
| CBL                 | ----         | ----                | ----                | ----                |
| CBC                 | ----         | ----                | ----                | ----                |
| THCA                | ----         | ----                | ----                | ----                |

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