

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

Date Received: 03/10/2023  
Report Date: 03/29/2023  
NELabs Report ID: 2389716-19

## Product ID: 230310D-BD

Product Type: Concentrate

| 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 |
| <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                      | 0.11            |
| CBG                       | 1.32            |
| CBD                       | 1.35            |
| THCV                      | 1.35            |
| CBN                       | 1.08            |
| $\Delta^9$ THC            | 89.75           |
| CBL                       | ----            |
| CBC                       | ----            |
| THCA                      | ----            |
| Total Cannabinoids        | <b>94.96 %</b>  |
| <b>Total THC: 89.75 %</b> |                 |

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

| Terpenes by GC-MS             | Results (% w/w) |
|-------------------------------|-----------------|
| $\alpha$ -Pinene              | 0.88            |
| Camphene                      | 0.02            |
| $\beta$ -Myrcene              | 1.27            |
| $\beta$ -Pinene               | 0.33            |
| 3-Carene                      | 0.01            |
| $\alpha$ -Terpinene           | 0.01            |
| Limonene                      | 0.45            |
| Ocimene                       | 0.76            |
| p-Cymene                      | ----            |
| $\gamma$ -Terpinene           | 0.01            |
| Terpinolene                   | 0.10            |
| Linalool                      | 0.10            |
| (-)-Isopulegol                | ----            |
| Geraniol                      | ----            |
| $\beta$ -Caryophyllene        | 0.32            |
| $\alpha$ -Humulene            | 0.10            |
| cis-Nerolidol                 | 0.08            |
| trans-Nerolidol               | 0.01            |
| Guaiol                        | ----            |
| $\alpha$ -Bisabolol           | 0.01            |
| <b>Total Terpenes: 4.46 %</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 03/10/2023.  
CoA issued 03/27/2023; re-issued 03/29/2023 to update Cannabinoid results at the request of the client.

|            |                                        |                                      |
|------------|----------------------------------------|--------------------------------------|
| Date:      | Reviewed by: <i>Michelle Szylobryt</i> | Released by: <i>Zachary Cannone</i>  |
| 03/29/2023 | 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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| Cannabinoids | % w/w | mg per 0.3 g | mg per 0.5 g | mg per 1.0 g |
|--------------|-------|--------------|--------------|--------------|
| CBDV         | ----  | ----         | ----         | ----         |
| CBDA         | ----  | ----         | ----         | ----         |
| CBGA         | 0.11  | 0.33         | 0.55         | 1.10         |
| CBG          | 1.32  | 3.96         | 6.60         | 13.20        |
| CBD          | 1.35  | 4.05         | 6.75         | 13.50        |
| THCV         | 1.35  | 4.05         | 6.75         | 13.50        |
| CBN          | 1.08  | 3.24         | 5.40         | 10.80        |
| THC          | 89.75 | 269.25       | 448.75       | 897.50       |
| CBL          | ----  | ----         | ----         | ----         |
| CBC          | ----  | ----         | ----         | ----         |
| THCA         | ----  | ----         | ----         | ----         |

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