

## Riptide

 Sample ID: BIA250312S0035  
 Strain: HL - #001

 Matrix: Plant  
 Type: Flower - Cured  
 Sample Size: 2.44 g  
 Lot#:

 Produced:  
 Collected:  
 Received: 03/14/2025  
 Completed: 03/18/2025  
 Batch#:

 Client  
**D&C Gardens**  
 Lic. # SCLT0439  
 PO Box 587  
 Pittsford, VT 05763


## Summary

| Test           | Date Tested | Result              |
|----------------|-------------|---------------------|
| Sample         |             | Complete            |
| Cannabinoids   | 03/17/2025  | Complete            |
| Moisture       | 03/14/2025  | 10.40% - Complete   |
| Water Activity | 03/14/2025  | 0.520 aw - Complete |

## Cannabinoids

Completed

| 16.57%           |        | 0.05%        |               | 19.20%             |  |
|------------------|--------|--------------|---------------|--------------------|--|
| Total THC        |        | Total CBD    |               | Total Cannabinoids |  |
| Analyte          | LOQ    | Results      | Results       | Mass               |  |
|                  | mg/g   | %            | mg/g          | mg/serving         |  |
| CBDVa            | 0.0005 | <LOQ         | <LOQ          |                    |  |
| CBDV             | 0.0012 | <LOQ         | <LOQ          |                    |  |
| CBDa             | 0.0008 | 0.06         | 0.6           |                    |  |
| CBGa             | 0.0008 | 0.23         | 2.3           |                    |  |
| CBG              | 0.0019 | 0.08         | 0.8           |                    |  |
| CBD              | 0.0019 | <LOQ         | <LOQ          |                    |  |
| THCV             | 0.0021 | <LOQ         | <LOQ          |                    |  |
| CBN              | 0.0013 | <LOQ         | <LOQ          |                    |  |
| Δ9-THC           | 0.0020 | 0.50         | 5.0           |                    |  |
| Δ8-THC           | 0.0019 | <LOQ         | <LOQ          |                    |  |
| Δ10-THC          | 0.0002 | <LOQ         | <LOQ          |                    |  |
| CBC              | 0.0024 | <LOQ         | <LOQ          |                    |  |
| THCa             | 0.0034 | 18.33        | 183.3         |                    |  |
| <b>Total THC</b> |        | <b>16.57</b> | <b>165.74</b> |                    |  |
| <b>Total CBD</b> |        | <b>0.05</b>  | <b>0.49</b>   |                    |  |
| <b>Total</b>     |        | <b>19.20</b> | <b>192.01</b> | <b>0.00</b>        |  |

Analyst: 056

Cannabinoids Methodology: High Performance Liquid Chromatography (HPLC) using PerkinElmer FLEXAR™ with Photo Diode Array Detector (PDA)

Total CBD and total THC are calculated values, to account for assumed decarboxylation from the acid form (THCA or CBDA) to the neutral form, causing weight loss of the acid group. These values are calculated as follows:

$$\text{Total THC} = (\text{THCA} \times 0.877) + \Delta 9\text{-THC}$$

$$\text{Total CBD} = (\text{CBDA} \times 0.877) + \text{CBD Reagent}$$

Blanks: &lt; LOQs for all analytes

LOQ = The lowest quantity that this method can reliably detect. Any cannabinoid that was not detected is assumed to be less than the stated LOQ (&lt;LOQ).

All results reflect dry weight of material, based on % moisture of the sample.

Measurement of Uncertainty (MU): the parameter, associated with the result of a measurement, that characterizes the dispersion of the values that could reasonably be attributed to the particular quantity subject to measurement. Δ9-THC MU = ±0.005% Total THC MU = ±0.007%

All other cannabinoid MU values are available upon request.

All moisture and water activity analysis is determined by dewpoint measurement using an AQUALAB water activity meter.




 Luke Emerson-Mason  
 Laboratory Director  
 03/18/2025

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