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## **Certificate of Analysis**

Client Name: Holland Cannabis Co.

License Number: CLTV0057

Sample ID: VT2021

Sample Name: Purp drank

Sample Lot: HL7

Sample Matrix: Flower **Date Received: 6/20/2023** 

**Date Reported:** 6/26/2023

Date Tested: 6/21/2023



| Total Cannabinoids  |        |         |  |  |  |  |
|---------------------|--------|---------|--|--|--|--|
|                     | %      | mg/g    |  |  |  |  |
| Total THC:          | 14.438 | 144.377 |  |  |  |  |
| Total CBD:          |        |         |  |  |  |  |
| Total Cannabinoids: | 17.047 | 170.472 |  |  |  |  |

Total theoretical CBD % = (CBD%) + (CBDA% \* 0.877) Total theoretical THC % = (delta-9-THC%) + (THCA% \* 0.877)

## **Potency**

Standard potency analysis utilizing High Performance Liquid Chromatography (HPLC; SOP-024-0A) | Test ID: #3922

| CBDV ND ND ND ND 0.0008 0.0040   CBDVA ND ND ND ND 0.0001 0.0040   THCV ND ND ND ND 0.0016 0.0049   CBDA ND ND ND ND 0.0002 0.0040   CBD ND ND ND ND 0.0008 0.0040   CBG ND ND ND ND 0.0009 0.0040   CBGA 0.6579 6.579 0.5821 5.821 0.0001 0.0040   CBN ND ND ND ND 0.0002 0.0040   CBN ND ND ND ND 0.0002 0.0040   CBVA ND ND ND ND 0.0004 0.0040   CBCVA ND ND ND ND 0.0004 0.0040   D9 THC 0.523 5.23 0.4627 4.627 0.0016 0.0049                   | Analyte | % (Dry) | mg/g (Dry) | %       | mg/g    | LOD (mg/g) | LOQ (mg/g) |
|---|---------|---------|------------|---------|---------|------------|------------|
| THCV ND ND ND ND 0.0016 0.0049   CBDA ND ND ND ND 0.0002 0.0040   CBD ND ND ND ND 0.0008 0.0040   CBG ND ND ND ND 0.0009 0.0040   CBGA 0.6579 6.579 0.5821 5.821 0.0001 0.0040   CBA ND ND ND ND 0.0002 0.0040   CBN ND ND ND ND 0.0002 0.0040   CBVA ND ND ND ND 0.0004 0.0040   CBCVA ND ND ND ND 0.0004 0.0040   D9 THC 0.523 5.23 0.4627 4.627 0.0016 0.0049   D8 THC ND ND ND ND ND 0.0040   CBNA ND ND ND ND 0.0002 0.0040                      | CBDV    | ND      | ND         | ND      | ND      | 0.0008     | 0.0040     |
| CBDA ND ND ND ND 0.0002 0.0040   CBD ND ND ND ND 0.0008 0.0040   CBG ND ND ND ND 0.0009 0.0040   CBGA 0.6579 6.579 0.5821 5.821 0.0001 0.0040   THCVA ND ND ND ND 0.0002 0.0040   CBN ND ND ND ND 0.0004 0.0040   CBCVA ND ND ND ND 0.0004 0.0040   D9 THC 0.523 5.23 0.4627 4.627 0.0016 0.0049   D8 THC ND ND ND ND 0.0012 0.0040   CBNA ND ND ND ND 0.0002 0.0040   D10 THC ND ND ND ND 0.0002 0.0040   CBC ND ND ND ND 0.0003 0.0040<             | CBDVA   | ND      | ND         | ND      | ND      | 0.0001     | 0.0040     |
| CBD ND ND ND ND 0.0008 0.0040   CBG ND ND ND ND 0.0009 0.0040   CBGA 0.6579 6.579 0.5821 5.821 0.0001 0.0040   THCVA ND ND ND ND 0.0002 0.0040   CBN ND ND ND ND 0.0004 0.0040   CBCVA ND ND ND ND 0.0004 0.0040   D9 THC 0.523 5.23 0.4627 4.627 0.0016 0.0049   D8 THC ND ND ND ND 0.0012 0.0040   CBNA ND ND ND ND 0.0012 0.0040   D10 THC ND ND ND ND 0.0002 0.0040   CBC ND ND ND ND 0.0003 0.0040   THCA 15.8663 158.663 14.0385 140.385 0.0002 | THCV    | ND      | ND         | ND      | ND      | 0.0016     | 0.0049     |
| CBG ND ND ND 0.0009 0.0040   CBGA 0.6579 6.579 0.5821 5.821 0.0001 0.0040   THCVA ND ND ND ND 0.0002 0.0040   CBN ND ND ND ND 0.0004 0.0040   CBCVA ND ND ND ND 0.0004 0.0040   D9 THC 0.523 5.23 0.4627 4.627 0.0016 0.0049   D8 THC ND ND ND ND 0.0012 0.0040   CBNA ND ND ND ND 0.0002 0.0040   D10 THC ND ND ND ND 0.0002 0.0040   CBC ND ND ND ND 0.0003 0.0040   THCA 15.8663 158.663 14.0385 140.385 0.0002 0.0040                             | CBDA    | ND      | ND         | ND      | ND      | 0.0002     | 0.0040     |
| CBGA 0.6579 6.579 0.5821 5.821 0.0001 0.0040   THCVA ND ND ND ND 0.0002 0.0040   CBN ND ND ND ND 0.0004 0.0040   CBCVA ND ND ND ND 0.0004 0.0040   D9 THC 0.523 5.23 0.4627 4.627 0.0016 0.0049   D8 THC ND ND ND ND 0.0012 0.0040   CBNA ND ND ND ND 0.0002 0.0040   D10 THC ND ND ND ND 0.0004 0.0040   CBC ND ND ND ND 0.0003 0.0040   THCA 15.8663 158.663 14.0385 140.385 0.0002 0.0040  | CBD     | ND      | ND         | ND      | ND      | 0.0008     | 0.0040     |
| THCVA ND ND ND ND 0.0002 0.0040   CBN ND ND ND ND 0.0004 0.0040   CBCVA ND ND ND ND 0.0004 0.0040   D9 THC 0.523 5.23 0.4627 4.627 0.0016 0.0049   D8 THC ND ND ND ND 0.0012 0.0040   CBNA ND ND ND ND 0.0002 0.0040   D10 THC ND ND ND ND 0.0004 0.0040   CBC ND ND ND ND 0.0003 0.0040   THCA 15.8663 158.663 14.0385 140.385 0.0002 0.0040   | CBG     | ND      | ND         | ND      | ND      | 0.0009     | 0.0040     |
| CBN ND ND ND ND 0.0004 0.0040   CBCVA ND ND ND ND 0.0004 0.0040   D9 THC 0.523 5.23 0.4627 4.627 0.0016 0.0049   D8 THC ND ND ND ND 0.0012 0.0040   CBNA ND ND ND ND 0.0002 0.0040   D10 THC ND ND ND ND 0.0004 0.0040   CBC ND ND ND ND 0.0003 0.0040   THCA 15.8663 158.663 14.0385 140.385 0.0002 0.0040   | CBGA    | 0.6579  | 6.579      | 0.5821  | 5.821   | 0.0001     | 0.0040     |
| CBCVA ND ND ND 0.0004 0.0040   D9 THC 0.523 5.23 0.4627 4.627 0.0016 0.0049   D8 THC ND ND ND ND 0.0012 0.0040   CBNA ND ND ND ND 0.0002 0.0040   D10 THC ND ND ND ND 0.0004 0.0040   CBC ND ND ND ND 0.0003 0.0040   THCA 15.8663 158.663 14.0385 140.385 0.0002 0.0040  | THCVA   | ND      | ND         | ND      | ND      | 0.0002     | 0.0040     |
| D9 THC 0.523 5.23 0.4627 4.627 0.0016 0.0049   D8 THC ND ND ND ND 0.0012 0.0040   CBNA ND ND ND ND 0.0002 0.0040   D10 THC ND ND ND ND 0.0004 0.0040   CBC ND ND ND ND 0.0003 0.0040   THCA 15.8663 158.663 14.0385 140.385 0.0002 0.0040   |         | ND      |            | ND      |         |            |            |
| D8 THC ND ND ND 0.0012 0.0040   CBNA ND ND ND 0.0002 0.0040   D10 THC ND ND ND ND 0.0004 0.0040   CBC ND ND ND ND 0.0003 0.0040   THCA 15.8663 158.663 14.0385 140.385 0.0002 0.0040  | CBCVA   | ND      | ND         | ND      | ND      | 0.0004     | 0.0040     |
| CBNA ND ND ND 0.0002 0.0040   D10 THC ND ND ND 0.0004 0.0040   CBC ND ND ND ND 0.0003 0.0040   THCA 15.8663 158.663 14.0385 140.385 0.0002 0.0040   |         | 0.523   | 5.23       | 0.4627  | 4.627   |            |            |
| D10 THC ND ND ND 0.0004 0.0040   CBC ND ND ND 0.0003 0.0040   THCA 15.8663 158.663 14.0385 140.385 0.0002 0.0040  |         |         |            | ND      |         |            |            |
| CBC ND ND ND ND 0.0003 0.0040<br>THCA 15.8663 158.663 14.0385 140.385 0.0002 0.0040   |         | ND      |            | ND      |         |            |            |
| THCA 15.8663 158.663 14.0385 140.385 0.0002 0.0040  |         |         |            | ND      |         |            |            |
|   | CBC     | ND      | ND         | ND      | ND      | 0.0003     | 0.0040     |
| CBCA < LOQ < LOQ < LOQ < LOQ 0.0002 0.0040  | THCA    | 15.8663 | 158.663    | 14.0385 | 140.385 | 0.0002     | 0.0040     |
|   | CBCA    | < LOQ   | < LOQ      | < LOQ   | < LOQ   | 0.0002     | 0.0040     |

## **PASS Moisture & Water Activity**

Water Activity and Moisture Content Analysis (SOP-202-0A) | Test ID: #4029

| Analyte                    | Result (%)    | Limit         | Pass/Fail |  |
|----------------------------|---------------|---------------|-----------|--|
| Moisture<br>Water Activity | 11.52<br>0.51 | 13.00<br>0.65 | PASS      |  |





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