



# Certificate of Analysis

Jun 30, 2020 | Tonic CBD

2566 Pennsylvania Ave  
Sayre, PA, 18840,



Sample: DA00625015-002

Harvest/Lot ID: 0122B

Seed to Sale #N/A

Batch Date : N/A

Batch#: 0122B

Sample Size Received: 15 ml

Retail Product Size: 30 ml

Ordered : 06/24/20

Sampled : 06/24/20

Completed: 06/30/20 Expires: 06/30/21

Sampling Method: SOP Client Method

**PASSED**

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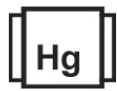
PRODUCT IMAGE



SAFETY RESULTS



Pesticides  
NOT TESTED



Heavy Metals  
NOT TESTED



Microbials  
**PASSED**



Mycotoxins  
NOT TESTED



Residuals  
Solvents  
NOT TESTED



Filtration  
NOT TESTED



Water Activity  
NOT TESTED



Moisture  
NOT TESTED



Terpenes  
NOT TESTED

MISC.

CANNABINOID RESULTS



Total THC  
**0.151%**



Total CBD  
**2.639%**



Total Cannabinoids  
**3.008%**

| CBC        | CBGA  | CBG        | THCV  | D8-THC | CBDV       | CBN   | CBDA       | CBD         | D9-THC     | THCA  |
|------------|-------|------------|-------|--------|------------|-------|------------|-------------|------------|-------|
| 0.103%     | ND    | 0.093%     | ND    | ND     | 0.012%     | ND    | 0.080%     | 2.569%      | 0.151%     | ND    |
| 1.030 mg/g | ND    | 0.930 mg/g | ND    | ND     | 0.120 mg/g | ND    | 0.800 mg/g | 25.690 mg/g | 1.510 mg/g | ND    |
| LOD 0.001  | 0.001 | 0.001      | 0.001 | 0.001  | 0.001      | 0.001 | 0.001      | 0.0001      | 0.0001     | 0.001 |
| %          | %     | %          | %     | %      | %          | %     | %          | %           | %          | %     |

Cannabinoid Profile Test

Analyzed by : 450 Weight : 2.4053g Extraction date : 06/25/20 04:06:49 Extracted By : 574

Analysis Method -SOP.T.40.020, SOP.T.30.050

Analytical Batch -DA013442POT Instrument Used : DA-LC-003

Reviewed On - 06/29/20 01:17:20

Batch Date : 06/25/20 09:52:12

| Reagent    | Dilution | Consums. ID |
|------------|----------|-------------|
| 061220.16  | 400      | 280650306   |
| 062420.R03 |          | 918C4-918J  |
| 062420.R02 |          | 914C4-914AK |
| 040920.08  |          | 929C6-929H  |

Full spectrum cannabinoid analysis utilizing High Performance Liquid Chromatography with UV detection (HPLC-UV). (Method: SOP.T.30.050 for sample prep and Shimadzu High Sensitivity Method SOP.T.40.020 for analysis. LOQ for all cannabinoids is 1 mg/L).

This report shall not be reproduced, unless in its entirety, without written approval from Kaycha Labs. This report is an Kaycha Labs certification. The results relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. Void after 1 year from test end date. Cannabinoid content of batch material may vary depending on sampling error. IC=In-control QC parameter, NC=Non-controlled QC parameter, ND=Not Detected, NA=Not Analyzed, ppm=Parts Per Million, ppb=Parts Per Billion. Limit of Detection (LoD) and Limit Of Quantitation (LoQ) are terms used to describe the smallest concentration that can be reliably measured by an analytical procedure. RPD=Reproducibility of two measurements. Action Levels are State determined thresholds for human safety for consumption and/or inhalation. The result >99% are variable based on uncertainty of measurement (UM) for the analyte. The UM error is available from the lab upon request. The "Decision Rule" for the pass/fail does not include the UM. The limits are based on F.S. Rule 64-4.310.

**Jorge Segredo**  
Lab Director

State License # CMTL-0002  
ISO Accreditation # 97164

Signature

06/30/2020

Signed On



# Certificate of Analysis

**PASSED**
**Tonic CBD**

 2566 Pennsylvania Ave  
 Sayre, PA, 18840,  
**Telephone:** (516)313-6443  
**Email:** mona@bardolabs.com

**Sample : DA00625015-002**
**Harvest/LOT ID: 0122B**
**Batch# : 0122B**
**Sampled : 06/24/20**
**Ordered : 06/24/20**
**Sample Size Received : 15 ml**
**Completed : 06/30/20 Expires: 06/30/21**
**Sample Method : SOP Client Method**
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|  |                   |               |
|--|-------------------|---------------|
|  | <b>Microbials</b> | <b>PASSED</b> |
|--|-------------------|---------------|

**Analyte**

 ASPERGILLUS\_FLAVUS  
 ASPERGILLUS\_FUMIGATUS  
 ASPERGILLUS\_NIGER  
 ASPERGILLUS\_TERREUS  
 ESCHERICHIA\_COLI\_SHIGELLA\_SPP  
 SALMONELLA\_SPECIFIC\_GENE

**Result**

 not present in 1 gram. 052720.167  
 not present in 1 gram. 052720.230  
 not present in 1 gram. 042920.226  
 not present in 1 gram. 052720.56  
 not present in 1 gram. 052720.262  
 not present in 1 gram. 052720.72  
 not present in 1 gram. 052720.21  
 not present in 1 gram. 052720.254  
 not present in 1 gram. 052720.241  
 not present in 1 gram.

**Reagent**

 052720.167  
 052720.230  
 042920.226  
 052720.56  
 052720.262  
 052720.72  
 052720.21  
 052720.254  
 052720.241

**Consums. ID**

 25219065  
 190827060

**Analysis Method -SOP.T.40.043 / SOP.T.40.045**
**Analytical Batch -DA013429MIC | Reviewed On - 06/30/20 09:24:29**
**Instrument Used : PathogenDX PCR\_Array Scanner DA-111**
**Batch Date : 06/25/20 08:39:17**

|                    |               |                        |                     |
|--------------------|---------------|------------------------|---------------------|
| <b>Analyzed by</b> | <b>Weight</b> | <b>Extraction date</b> | <b>Extracted By</b> |
| 513                | 1.0081g       | 06/25/20 12:06:39      | 1082                |

| Reagent    | Dilution | Consums. ID |
|------------|----------|-------------|
| 052620.16  |          | 181019-274  |
| 101519.12  |          | SG298A      |
| 052720.190 |          | 181207119C  |
| 022120.229 |          | 918C4-918J  |
| 052720.166 |          | 914C4-914AK |
| 052720.102 |          | 929C6-929H  |
| 052720.126 |          | 50AX30819   |

Microbiological testing for Fungal and Bacterial Identification via Polymerase Chain Reaction (PCR) method consisting of sample DNA amplified via tandem Polymerase Chain Reaction (PCR) as a crude lysate which avoids purification. (Method SOP.T.40.043) If a pathogenic Escherichia Coli, Salmonella, Aspergillus fumigatus, Aspergillus flavus, Aspergillus niger, or Aspergillus terreus is detected in 1g of a sample, the sample fails the microbiological-impurity testing.