



# Certificate of Analysis

Aug 05, 2020 | Tonic CBD

2566 Pennsylvania Ave  
Sayre, PA, 18840,



Sample: DA00731017-001

Harvest/Lot ID: FS0123

Seed to Sale #N/A

Batch Date :N/A

Batch#: L0123A

Sample Size Received: 15 ml

Retail Product Size: 30 ml

Ordered : 07/28/20

Sampled : 07/28/20

Completed: 08/05/20 Expires: 08/05/21

Sampling Method: SOP Client Method

**PASSED**

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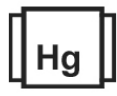
## PRODUCT IMAGE



## 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  
**0.185%**



Total CBD  
**3.501%**



Total Cannabinoids  
**3.947%**

CBC	CBD	CBDA	CBDV	CBG	CBGA	CBN	D8-THC	D9-THC	THCA	THCV
0.129%	3.430%	0.082%	0.016%	0.042%	0.063%	ND	ND	0.185%	ND	ND
1.290 mg/g	34.300 mg/g	0.820 mg/g	0.160 mg/g	0.420 mg/g	0.630 mg/g	ND	ND	1.850 mg/g	ND	ND
LOD 0.001 %	0.0001 %	0.001 %	0.001 %	0.001 %	0.001 %	0.001 %	0.001 %	0.0001 %	0.001 %	0.001 %

## Cannabinoid Profile Test

Analyzed by 450 Weight 3.0305g Extraction date : 07/31/20 04:07:49 Extracted By : 574

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

Analytical Batch -DA014437POT Instrument Used : DA-LC-001

Reviewed On - 08/03/20 13:30:09

Batch Date : 07/31/20 10:24:11

Reagent	Dilution	Consums. ID
032320.28		280678841
072820.R15		918C4-918J
073020.R20		914C4-914AK
073020.R21		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

08/05/2020

Signed On



# Certificate of Analysis

**PASSED**
**Tonic CBD**

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

**Sample : DA00731017-001**
**Harvest/LOT ID: FS0123**
**Batch# : L0123A**
**Sampled : 07/28/20**
**Ordered : 07/28/20**
**Sample Size Received : 15 ml**
**Completed : 08/05/20 Expires: 08/05/21**
**Sample Method : SOP Client Method**

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**Microbials**
**PASSED**
**Analyte**

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

**Result**

 not present in 1 gram.  
 not present in 1 gram.  
 not present in 1 gram.  
 not present in 1 gram.  
 not present in 1 gram.  
 not present in 1 gram.

**Analysis Method -SOP.T.40.043 / SOP.T.40.044**
**Analytical Batch -DA014425MIC Batch Date : 07/31/20**
**Instrument Used : PathogenDX PCR\_Array Scanner DA-111,PathogenDX PCR\_DA-171**

Analyzed by	Weight	Extraction date	Extracted By
513	1.0383g	07/31/20	1082

Reagent	Consums. ID	Consums. ID	Consums. ID	Consums. ID
062220.04	181019-274	50AX30819	D001	2804025
101619.01	SG298A	850C6-850H	A06	2808005
	11989-024CC-024	19423	2807007	2811015
	181207119C	080717	2809004	
	918C4-918J	2802019	2810012A	
	914C4-914AK	2803029	027	

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.