



# Certificate of Analysis

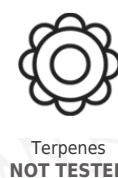
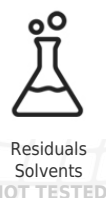
Jul 30, 2020 | Tonic CBD

2566 Pennsylvania Ave  
Sayre, PA, 18840,

**Sample: DA00728013-001**
**Harvest/Lot ID: 0012WP**
**Seed to Sale #N/A**
**Batch Date : N/A**
**Batch#: 0012WP-B**
**Sample Size Received: 20 ml**
**Retail Product Size: 30 ml**
**Ordered : 07/27/20**
**Sampled : 07/27/20**
**Completed: 07/30/20 Expires: 07/30/21**
**Sampling Method: SOP Client Method**
**PASSED**

Page 1 of 2

**PRODUCT IMAGE**

**SAFETY RESULTS**

**MISC.**
**CANNABINOID RESULTS**

**Total THC**  
**0.185%**

**Total CBD**  
**4.891%**

**Total Cannabinoids**  
**5.550%**

CBC	CBGA	CBG	THCV	D8-THC	CBDV	CBN	CBDA	CBD	D9-THC	THCA
0.340%	ND	0.094%	0.010%	ND	0.025%	ND	0.044%	4.853%	0.185%	ND
3.400 mg/g	ND	0.940 mg/g	0.100 mg/g	ND	0.250 mg/g	ND	0.440 mg/g	48.530 mg/g	1.850 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**

<b>Analyzed by</b> 450	<b>Weight</b> 3.1693g	<b>Extraction date :</b> 07/28/20 04:07:23	<b>Extracted By :</b> 574
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**Analysis Method** -SOP.T.40.020, SOP.T.30.050

**Reviewed On** - 07/29/20 12:43:24

**Analytical Batch** -DA014342POT **Instrument Used** : DA-LC-003

**Batch Date** : 07/28/20 10:13:57

Reagent	Dilution	Consums. ID
072820.R15	400	181019-274
061220.24		280678841
072320.R14		918C4-918J
072320.R13		914C4-914AK
		929C6-929H
		76262-590

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

07/30/2020

Signed On



# Certificate of Analysis

**PASSED**
**Tonic CBD**

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

**Sample : DA00728013-001**
**Harvest/LOT ID: 0012WP**
**Batch# : 0012WP-B**
**Sampled : 07/27/20**
**Ordered : 07/27/20**
**Sample Size Received : 20 ml**
**Completed : 07/30/20 Expires: 07/30/21**
**Sample Method : SOP Client Method**

Page 2 of 2


**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 -DA014328MIC Batch Date : 07/28/20**
**Instrument Used : PathogenDX PCR\_Array Scanner DA-111**

Analyzed by	Weight	Extraction date	Extracted By
513	1.0531g	07/28/20	1082

Reagent	Consums. ID	Consums. ID
062220.04	181019-274	50AX30819
101619.01	SG298A	19423
	11989-024CC-024	850C6-850H
	181207119C	
	918C4-918J	
	914C4-914AK	

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.