



Prepared for:


### 1000mg BS Tincture


### PANACEA LIFE SCIENCES

Batch ID or Lot Number: <b>TN07I2101</b>	Test: <b>Potency</b>	Reported: <b>9/22/23</b>	Location: 16194 W 45th Drive Golden, CO 80403
Matrix: Concentrate	Test ID: T000165903	Started: 9/22/23	USDA License: N/A
Status: N/A	Method: TM14 (HPLC-DAD): Potency - Standard Cannabinoid Analysis (Colorado Panel)	Received: 09/21/2023 @ 01:26 PM	Sampler ID: N/A

## CANNABINOID PROFILE

Compound	LOD (%)	LOQ (%)	Result (%)	Result (mg/g)	Notes
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.015	0.050	ND	ND	N/A
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.017	0.057	ND	ND	
Cannabidiolic acid (CBDA)	0.021	0.054	ND	ND	
Cannabidiol (CBD)	0.021	0.052	3.60	33.55	
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.019	0.063	ND	ND	
Cannabinolic Acid (CBNA)	0.011	0.036	ND	ND	
Cannabinol (CBN)	0.005	0.016	0.032	0.32	
Cannabigerolic acid (CBGA)	0.016	0.053	ND	ND	
Cannabigerol (CBG)	0.004	0.013	0.025	0.25	
Tetrahydrocannabivarinic Acid (THCVA)	0.013	0.044	ND	ND	
Tetrahydrocannabivarin (THCV)	0.003	0.011	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.009	0.022	ND	ND	
Cannabidivarin (CBDV)	0.005	0.012	ND	ND	
Cannabichromenic Acid (CBCA)	0.006	0.020	ND	ND	
Cannabichromene (CBC)	0.007	0.022	0.127	1.27	
<b>Total Cannabinoids</b>			<b>3.784</b>	<b>35.34</b>	
Total Potential THC**			ND	ND	
Total Potential CBD**			5.035	33.55	

  
Daniel Weidensaul  
22-Sep-2023  
01:41 PM

  
Sam Smith  
22-Sep-23  
1:44 PM

PREPARED BY / DATE

APPROVED BY / DATE

### Definitions

% = % (w/w) = Percent (Weight of Analyte / Weight of Product)

\* Indicates a value below the Limit of Quantitation (LOQ) and above the Limit of Detection (LOD).

\*\* Total Potential THC/CBD is calculated using the following formulas to take into account the loss of a carboxyl group during decarboxylation step.

Total THC = THC + (THCa \*(0.877)) and

Total CBD = CBD + (CBDA \*(0.877))

Total Cannabinoids result reflects the absolute sum of all cannabinoids detected.

ND = None Detected (Defined by Dynamic Range of the method)

Testing results are based solely upon the sample submitted to Botanacor Laboratories, LLC, in the condition it was received. Botanacor Laboratories, LLC warrants that all analytical work is conducted professionally in accordance with all applicable standard laboratory practices using validated methods. Data was generated using an unbroken chain of comparison to NIST traceable Reference Standards and Certified Reference Materials. This report may not be reproduced, except in full, without the written approval of Botanacor Laboratories, LLC.



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Certificate #4329.02


Prepared for:


**PANACEA LIFE SCIENCES**
**1000mg BS Tincture**

Batch ID or Lot Number: <b>TN07I2101</b>	Test: <b>Microbial Contaminants</b>	Reported: <b>9/30/23</b>	Location: 16194 W 45th Drive Golden, CO 80403
Matrix: Finished Product	Test ID: T000165904	Started: 9/21/23	USDA License: N/A
Status: N/A	Methods: TM25 (qPCR) TM24, TM26, TM27(Culture Plating): Microbial (Colorado Panel)	Received: 09/21/2023 @ 01:26 PM	Sampler ID: N/A

### MICROBIAL CONTAMINANTS DETERMINATION

Contaminant	Method	LOD	LLOQ	ULOQ	Result	Notes
<b>Total Aerobic Count*</b>	TM-26, Culture Plating	10 <sup>2</sup> CFU/g	10 <sup>3</sup> CFU/g	1.5x10 <sup>5</sup> CFU/g	None Detected	Free from visual mold, mildew, and foreign matter
<b>Total Coliforms*</b>	TM-27, Culture Plating	10 <sup>2</sup> CFU/g	10 <sup>2</sup> CFU/g	1.5x10 <sup>4</sup> CFU/g	None Detected	
<b>Total Yeast and Mold*</b>	TM-24, Culture Plating	10 <sup>2</sup> CFU/g	10 <sup>2</sup> CFU/g	1.5x10 <sup>4</sup> CFU/g	None Detected	
<b>E. coli (STEC)</b>	TM-25, PCR	1 CFU/25 g	NA	NA	Absent	
<b>Salmonella</b>	TM-25, PCR	1 CFU/25 g	NA	NA	Absent	

  
 Jackson Osaghae-Nosa  
 9/30/2023  
 9:25:00 AM

  
 Sarah Henning  
 9/30/2023  
 3:03:00 PM

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#### Definitions

LOD = Limit of Detection | LLOQ = Lower Limit of Quantitation | ULOQ = Upper Limit of Quantitation

 CFU/g = Colony Forming Units per Gram | STEC = Shiga Toxin-Producing *E. coli*

\* Values recorded in scientific notation, a common microbial practice of expressing numbers that are too large to be conveniently written in decimal form.

Examples: 10<sup>2</sup> = 100 CFU  
 10<sup>3</sup> = 1,000 CFU  
 10<sup>4</sup> = 10,000 CFU  
 10<sup>5</sup> = 100,000 CFU

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# Gobi Hemp

## Analytical Report - Certificate of Analysis



**Manifest:** 2102260004  
**Sample Id:** 1A-GHEMP-2102260004-0001  
**Sample Name:** NT Distillate DS25A2101  
**Sample Type:** Concentrate  
**Client Id:** CID-00197  
**Client:** Panacea Life Sciences  
**Address:** 16194 West 45th Drive, Golden, CO 80403

**Test Performed:** Hemp Lab  
**Intended Use:** Inhaled or Audited Product  
**Report No:** MT-2102260004-V1  
**Receive Date:** 2021-02-26  
**Test Date:** 2021-03-02  
**Report Date:** 2021-03-03  
**Sample Condition:** Good  
**Method Reference:** GH-OP-17

### Scope

Arsenic, Cadmium, Lead and Mercury were determined by an Inductively Coupled Plasma Mass Spectrometer (ICP-MS) using an in-house developed method.

Metals	Sample Reporting Limit (ppm)	Parts Per Million (ppm)
Arsenic	0.100	ND
Cadmium	0.100	ND
Lead	0.100	ND
Mercury	0.100	ND

ND - not detected; T - trace; ULOQ - upper limit of quantitation

Laboratory Comments:

Jon Person Client Relations Manager

2021-03-03

Date

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