


Prepared for:

**cbd massage oil**
**BIOTONE / Lab Blends**


Batch ID or Lot Number: <b>06/01/21</b>	Test: <b>Metals</b>	Reported: <b>7/21/21</b>	Location: 4757 Old Cliffs Rd San Diego, CA 92120
Matrix: Unit	Test ID: T000152686	Started: 7/20/21	USDA License: N/A
Status: N/A	Method: TM19 (ICP-MS): Heavy Metals	Received: 07/19/2021 @ 09:40 AM	Sampler ID: N/A

**HEAVY METALS DETERMINATION**

Compound	Dynamic Range (ppb)	Result (ppb)	Notes
Arsenic	0.050 - 4.97	ND	
Cadmium	0.044 - 4.43	ND	
Mercury	0.045 - 4.46	ND	
Lead	0.044 - 4.41	ND	


 Ryan Weems  
 21-Jul-21  
 3:03 PM

PREPARED BY / DATE


 Sam Smith  
 21-Jul-21  
 3:09 PM

APPROVED BY / DATE

**Definitions**

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.



Certificate #4329.02

## cbd massage oil

<b>Batch ID:</b>	06/01/21	<b>Test ID:</b>	T000152685
<b>Type:</b>	Concentrate	<b>Submitted:</b>	07/19/2021 @ 09:40 AM
<b>Test:</b>	Trace THC	<b>Started:</b>	7/20/2021
<b>Method:</b>	TM20 (HPLC-DAD)	<b>Reported:</b>	7/21/2021

## TRACE THC/THCa PROFILE

Compound	Dynamic Range (%)	Result (%)	Result (mg/g)
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.001 - 0.685	ND**	ND**
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.002 - 1.372	ND**	ND**
Total Potential THC*		ND**	ND**



## NOTES:

N/A

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

\* Total Potential THC 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))

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

\*\*\* ALOO = Above Limit Of Quantitation (Defined by Dynamic Range of the method)

## FINAL APPROVAL

Taylor Brevik  
21-Jul-2021  
11:32 AMRvan Weems  
21-Jul-2021  
11:33 AM

PREPARED BY / DATE

APPROVED BY / DATE

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## cbd massage oil

<b>Batch ID:</b>	06/01/21	<b>Test ID:</b>	T000152684
<b>Type:</b>	Solution	<b>Submitted:</b>	07/19/2021 @ 09:40 AM
<b>Test:</b>	Potency	<b>Started:</b>	7/19/2021
<b>Method:</b>	TM14	<b>Reported:</b>	7/20/2021

## CANNABINOID PROFILE



CBD	0.23%
CBDa	0.00%
delta 9 THC	0.00%
THCa	0.00%

Compound	LOQ (mg/mL)	Result (mg/mL)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.13	ND	ND
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.14	ND	ND
Cannabidiolic acid (CBDA)	0.15	ND	ND
Cannabidiol (CBD)	0.15	2.04	2.3
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.16	ND	ND
Cannabinolic Acid (CBNA)	0.09	ND	ND
Cannabinol (CBN)	0.04	ND	ND
Cannabigerolic acid (CBGA)	0.13	ND	ND
Cannabigerol (CBG)	0.03	ND	ND
Tetrahydrocannabivarinic Acid (THCVA)	0.11	ND	ND
Tetrahydrocannabivarin (THCV)	0.03	ND	ND
Cannabidivarinic Acid (CBDVA)	0.06	ND	ND
Cannabidivarin (CBDV)	0.03	ND	ND
Cannabichromenic Acid (CBCA)	0.05	ND	ND
Cannabichromene (CBC)	0.06	ND	ND
<b>Total Cannabinoids</b>		<b>2.04</b>	<b>2.3</b>
Total Potential THC**		ND	ND
Total Potential CBD**		2.04	2.3

## NOTES:

Density = 0.87349g/mL

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

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

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

$$\text{Total THC} = \text{THC} + (\text{THCa} * (0.877)) \text{ and}$$

$$\text{Total CBD} = \text{CBD} + (\text{CBDa} * (0.877))$$

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

## FINAL APPROVAL



 Daniel Weidensaul  
 20-Jul-2021  
 1:16 PM



 Sam Smith  
 20-Jul-2021  
 1:27 PM

PREPARED BY / DATE

APPROVED BY / DATE

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