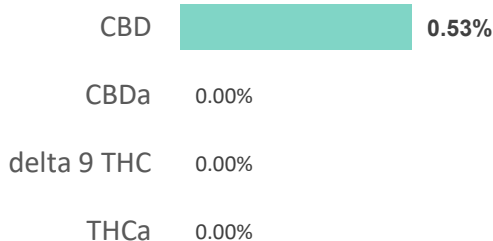
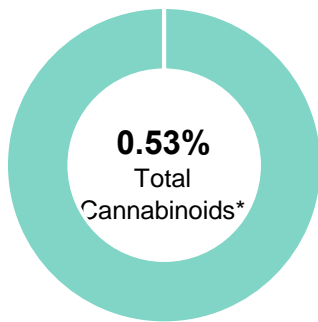


Zen Luxe Oil

Batch ID:	2003162	Test ID:	8891721.0046
Reported:	24-Mar-2020	Method:	TM14
Type:	Concentrate		
Test:	Potency		

CANNABINOID PROFILE



Compound	LOQ (%)	Result (%)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.00	ND	ND
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.00	ND	ND
Cannabidiolic acid (CBDA)	0.00	ND	ND
Cannabidiol (CBD)	0.00	0.53	5.3
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.00	ND	ND
Cannabinolic Acid (CBNA)	0.00	ND	ND
Cannabinol (CBN)	0.00	ND	ND
Cannabigerolic acid (CBGA)	0.00	ND	ND
Cannabigerol (CBG)	0.00	ND	ND
Tetrahydrocannabivarinic Acid (THCVA)	0.00	ND	ND
Tetrahydrocannabivarin (THCV)	0.00	ND	ND
Cannabidivarinic Acid (CBDVA)	0.00	ND	ND
Cannabidivarin (CBDV)	0.00	ND	ND
Cannabichromenic Acid (CBCA)	0.00	ND	ND
Cannabichromene (CBC)	0.00	ND	ND
Total Cannabinoids		0.53	5.30
Total Potential THC**		ND	ND
Total Potential CBD**		0.53	5.30

% = % (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.
 Total THC = THC + (THCa * (0.877)) and Total CBD = CBD + (CBDa * (0.877))
 ND = None Detected (Defined by Dynamic Range of the method)

NOTES:
N/A

FINAL APPROVAL


Daniel Weidensaul
24-Mar-2020
6:26 PM


Greg Zimpfer
24-Mar-2020
7:31 PM

PREPARED BY / DATE

APPROVED BY / DATE

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. ISO/IEC 17025:2005 Accredited A2LA Certificate Number 4329.02



Certificate #4329.02

Zen Luxe Oil

Batch ID:	2003162	Test ID:	T000068483
Reported:	23-Mar-2020	Method:	Concentrate - Test Methods: TM05, TM06
Type:	Concentrate		
Test:	Microbial Contaminants		

MICROBIAL CONTAMINANTS

Contaminant	Result (CFU/g)*
Total Aerobic Count**	None Detected
Total Coliforms**	None Detected
Total Yeast and Molds**	None Detected
E. coli	None Detected
Salmonella	None Detected

* CFU/g = Colony Forming Unit per Gram

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

Examples: $10^2 = 100$ CFU
 $10^3 = 1,000$ CFU
 $10^4 = 10,000$ CFU
 $10^5 = 100,000$ CFU

NOTES:

Free from visual mold, mildew, and foreign matter

TYM: None Detected

Total Aerobic: None Detected

Coliforms: None Detected

FINAL APPROVAL

Samantha N. Pauly

Samantha Pauly
23-Mar-2020
1:40 PMBen Minton
23-Mar-2020
2:34 PM

PREPARED BY / DATE

APPROVED BY / DATE

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Certificate #4329.03

prepared for: MANDARA CBD
2090 PEAL STREET
BOULDER, CO 80302

Zen Luxe Oil

Batch ID:	2003162	Test ID:	T000068482
Reported:	24-Mar-2020	Method:	TM04
Type:	0		
Test:	Residual Solvents		

RESIDUAL SOLVENTS

Solvent	Dynamic Range (ppm)	Result (ppm)
Propane	84 - 1675	*ND
Butanes (Isobutane, n-Butane)	169 - 3390	*ND
Methanol	64 - 1276	*ND
Pentane	94 - 1880	*ND
Ethanol	94 - 1886	*ND
Acetone	101 - 2013	*ND
Isopropyl Alcohol	105 - 2105	*ND
Hexane	6 - 123	*ND
Ethyl Acetate	100 - 2010	*ND
Benzene	0.2 - 4.1	*ND
Heptanes	97 - 1942	*ND
Toluene	18 - 363	*ND
Xylenes (m,p,o-Xylenes)	129 - 2586	*ND


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

NOTES:
N/A

FINAL APPROVAL


Ryan Weems
24-Mar-2020
6:23 PM

PREPARED BY / DATE


Ben Minton
24-Mar-2020
7:15 PM

APPROVED BY / DATE

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Certificate #4329.02

prepared for: Mandara CBD

2090 Peal Street
Boulder, CO 80302


Zen Luxe Oil

Batch ID:	2003162	Test ID:	T000068484
Reported:	31-Mar-2020	Method:	Arsenic = Arsenic EPA 6020A (mod), Cadmium = Cadmium EPA 6020A (mod), Lead = Lead EPA 6020A (mod), Mercury = Mercury EPA 6020A (mod)
Type:	Other		
Test:	Metals		

HEAVY METALS

Compound	Reporting Limit (ppm)	Result (ppm)
Arsenic	0.05	<0.05
Cadmium	0.05	<0.05
Lead	0.05	<0.05
Mercury	0.05	<0.05

FINAL APPROVAL



Taylor Brevik
31-Mar-2020
9:37 AM

PREPARED BY / DATE



Greg Zimpfer
31-Mar-2020
12:35 PM

APPROVED BY / DATE

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