



Certificate ID: **79210-274**

Received: **3/11/20**

Scan QR Code for authenticity



Client Sample ID: **1oz Oil - 6000mg - Iso - Natural**

Lot Number: **INN04-05**

Matrix: **Tincture/Infused Oil - Coconut Oil**



Authorization:

Chris Hudalla, Chief Science Officer

Signature:



Date:

3/25/2020



The data contained within this report was collected in accordance with the requirements of ISO/IEC17025:2017. I attest that the information contained within the report has been reviewed for accuracy and checked against the quality control requirements for each method. These results relate only to the test article listed in this report. Reports may not be reproduced except in their entirety.

CN: Cannabinoid Profile & Potency [WI-10-17 & WI-10-17-01]

Analyst: *JDP*

Test Date: *3/12/2020*

The client sample was analyzed for plant-based cannabinoids by Liquid Chromatography (LC). The collected data was compared to data collected for certified reference standards at known concentrations.

79210-CN

ID	Weight %	Concentration (mg/mL)			
D9-THC	ND	ND			
THCV	ND	ND			
CBD	22.65	213.36			
CBDV	0.04	0.37			
CBG	ND	ND			
CBC	ND	ND			
CBN	ND	ND			
THCA	ND	ND			
CBDA	ND	ND			
CBGA	ND	ND			
D8-THC	ND	ND			
exo-THC	ND	ND			
Total	22.69	213.73	0%	Cannabinoids (wt%)	22.6%
Max THC	ND	ND			
Max CBD	22.65	213.36			

Limit of Quantitation (LOQ) = 0.01 wt%

Max THC (and Max CBD) are calculated values for total cannabinoids after heating, assuming complete decarboxylation of the acid to the neutral form. It is calculated based on the weight loss of the acid group during decarboxylation: Max THC = (0.877 x THCA) + THC. This calculation does not include other cannabinoid isomers (eg. D8-THC and exo-THC). ND = None detected above the limits of detection (LOD), which is half of LOQ.

END OF REPORT



INN04-05 6000

Indigo Naturals

Test Result UID: ANL0034330

Lot Inventory ID:

316 Mid Valley Center

Lab Inventory ID:

#283

Date Tested: 04/30/2020

Serving Size:

1 ml dropper = 1.054 g

Carmel, CA 93923

US



Summary

210.27 mg/s Total Cannabinoids	Pass Microbial	Not Tested Mycotoxins	Pass Residual Solvents	Pass Pesticides	Pass Heavy Metals
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Cannabinoids

Testing method: HPLC-SOP 0011

Analyte	LOD	LOQ	Mass	Mass
Δ9-THC-A	0.000 mg/g	0.001 mg/g	ND mg/g	ND mg/s
Δ9-THC	0.000 mg/g	0.001 mg/g	ND mg/g	ND mg/s
Δ9-THCV	0.000 mg/g	0.001 mg/g	ND mg/g	ND mg/s
Δ8-THC	0.000 mg/g	0.001 mg/g	ND mg/g	ND mg/s
CBN	0.000 mg/g	0.001 mg/g	ND mg/g	ND mg/s
CBD-A	0.000 mg/g	0.001 mg/g	0.300 mg/g	0.316 mg/s
CBD	0.000 mg/g	0.001 mg/g	199.078 mg/g	209.828 mg/s
CBDV-A	0.000 mg/g	0.001 mg/g	0.122 mg/g	0.128 mg/s
CBDV	0.000 mg/g	0.001 mg/g	ND mg/g	ND mg/s
CBG-A	0.000 mg/g	0.001 mg/g	ND mg/g	ND mg/s
CBG	0.000 mg/g	0.001 mg/g	ND mg/g	ND mg/s
CBC	0.000 mg/g	0.001 mg/g	ND mg/g	ND mg/s

ND mg/s
Total THC

210.11 mg/s
Total CBD

Terpenes

Testing method: HSGCFID-SOP 0030

Analyte	LOD	LOQ	Mass	Mass
α-Pinene	0.00 mg/g	0.01 mg/g	NT	NT
β-Pinene	0.00 mg/g	0.01 mg/g	NT	NT
Myrcene	0.00 mg/g	0.01 mg/g	NT	NT
Ocimene	0.00 mg/g	0.01 mg/g	NT	NT
Limonene	0.00 mg/g	0.01 mg/g	NT	NT
Terpinolene	0.00 mg/g	0.01 mg/g	NT	NT
Linalool	0.00 mg/g	0.01 mg/g	NT	NT
Caryophyllene	0.00 mg/g	0.01 mg/g	NT	NT
Humulene	0.00 mg/g	0.01 mg/g	NT	NT

Not Tested
Total Terpenes

Total THC = Δ9-THC-A * 0.877 + Δ9-THC
Total CBD = CBD-A * 0.877 + CBD
LOQ = Limit of Quantification; LOD = Limit of Detection; NT = Not Tested; ND = Not Detected

The values reported pertain only to the product tested.

Not Tested Moisture SOP-0009	Not Tested Water Activity SOP-0053	Not Tested Foreign Matter SOP-0010
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Analytical 360, LLC certifies that the results presented are true and correct to the best of our knowledge. These results relate only to the sample provided by the client to Analytical 360, LLC.

Reference Lab
Analytical 360, LLC subcontracts the following assays:
Mycotoxins and Pesticides performed by Praxis Laboratory (WSLCB Lab #0020)
Pesticides and Heavy Metals performed by Medicine Creek Analytics (WSLCB Lab #0018)

Approved By

Paul D. Matthews, Ph.D.

Paul Matthews, Ph.D.
Executive Lab Director / Chief Science Officer



INN04-05 6000

Indigo Naturals

Test Result UID: ANL0034330

Lot Inventory ID:

316 Mid Valley Center

Lab Inventory ID:

#283

Date Tested: 04/30/2020

Carmel, CA 93923

US

Microbial Testing method: PLATE-SOP 0007

Analyte	LOD	LOQ	Action Level	Mass	Status
Bile-Tolerant Gram Negative Bacteria	20 CFU/g	85 CFU/g	1000 CFU/g	NT	NT
Salmonella spp.	-	-	Any Detected in 1 g		NT
Escherichia coli	-	-	Any Detected in 1 g		NT
Total Aerobic Bacteria	170 CFU/g	850 CFU/g	No Limit	ND CFU/g	
Total Yeast and Mold	170 CFU/g	850 CFU/g	No Limit	ND CFU/g	
Total Coliforms	20 CFU/g	85 CFU/g	No Limit	ND CFU/g	

Mycotoxins Testing method: ELISA-SOP 0054

Analyte	LOD	LOQ	Action Level	Mass	Status
Aflatoxins B1, B2, G1, G2	0.1 ppb	1.0 ppb	20 ppb	NT	NT
Ochratoxin A	0.1 ppb	1.0 ppb	20 ppb	NT	NT

Heavy Metals Testing method: ICPMS-SOP 0055

Analyte	LOD	LOQ	Action Level	Mass	Status
Arsenic	0.02 ug/5g	0.06 ug/5g	10 ug/5g	ND ug/5g	Pass
Cadmium	0.01 ug/5g	0.04 ug/5g	4.1 ug/5g	ND ug/5g	Pass
Lead	0.01 ug/5g	0.02 ug/5g	6 ug/5g	ND ug/5g	Pass
Mercury	0.02 ug/5g	0.07 ug/5g	2 ug/5g	ND ug/5g	Pass

Washington State I-502 Recreational Marijuana Microbial / Mycotoxins Action Levels

Counts not to exceed:

- 1,000 CFU/g Bile-Tolerant Gram Negative Bacteria for solvent extracts and edibles
- 10,000 CFU/g Bile-Tolerant Gram Negative Bacteria for flower, hash and kief
- *E coli* and *Salmonella* **not detected** in one gram for all products
- 20 ppb for Aflatoxins B1, B2, G1, G2, and Ochratoxin A for all products

LOQ = Limit of Quantification; LOD = Limit of Detection; NT = Not Tested; ND = Not Detected
CFU/g = Colony Forming Units Per Gram; ppm = Parts per Million; ppb = Parts per Billion
TNTC = Too Numerous To Count

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Pass
Microbial

Not Tested
Mycotoxins

Pass
Heavy Metals



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#283

Date Tested: 04/30/2020

Carmel, CA 93923

US

Residual Solvents Testing method: HSGCFID-SOP 0020

Analyte	LOD	LOQ	Action Level	Mass
Propane	1 ppm	20 ppm	5000 ppm	ND ppm
Isobutane	1 ppm	20 ppm	5000 ppm	ND ppm
Butane	1 ppm	20 ppm	5000 ppm	ND ppm
Ethanol	1 ppm	20 ppm	No Limit	NT
Acetone	1 ppm	20 ppm	5000 ppm	ND ppm
Toluene	1 ppm	20 ppm	890 ppm	ND ppm
Pentane	1 ppm	20 ppm	5000 ppm	ND ppm
Isopropanol	1 ppm	20 ppm	5000 ppm	ND ppm
Hexane	1 ppm	20 ppm	290 ppm	ND ppm
Heptane	1 ppm	20 ppm	5000 ppm	ND ppm
Isopentane	1 ppm	20 ppm	5000 ppm	ND ppm
Tetrahydrofuran	1 ppm	20 ppm	720 ppm	ND ppm
Methanol	1 ppm	20 ppm	3000 ppm	ND ppm
Acetonitrile	1 ppm	20 ppm	410 ppm	ND ppm
Dichloromethane	1 ppm	20 ppm	600 ppm	ND ppm
Ethyl Acetate	1 ppm	20 ppm	5000 ppm	ND ppm
Chloroform	1 ppm	2 ppm	2 ppm	ND ppm
Cyclohexane	1 ppm	20 ppm	3900 ppm	ND ppm
Benzene	1 ppm	2 ppm	2 ppm	ND ppm
Ethyl Benzene	1 ppm	20 ppm	2200 ppm	ND ppm
m + p Xylenes	1 ppm	20 ppm	2200 ppm	ND ppm
o Xylene	1 ppm	20 ppm	2200 ppm	ND ppm
Total Xylenes	1 ppm	20 ppm	2200 ppm	ND ppm

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ppm = Parts Per Million

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ND ppm
Total Solvents



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INN04-05 6000

Indigo Naturals

Test Result UID: ANL0034330

Lot Inventory ID:

316 Mid Valley Center
#283

Lab Inventory ID:

Carmel, CA 93923
US

Date Tested: 04/30/2020

Pesticides Testing method: LCMS-SOP 0055

Analyte	LOD	LOQ	Mass	Action Level	Analyte	LOD	LOQ	Mass	Action Level
	ppm	ppm		ppm		ppm	ppm		ppm
Avermectin B1a	0.009	0.02	ND ppm		Malathion	0.01	0.02	ND ppm	0.20
Avermectin B1b	0.006	0.02	ND ppm		Metalaxyl	0.01	0.10	ND ppm	0.20
Abamectin Total			ND ppm	0.50	Methiocarb	0.01	0.10	ND ppm	0.20
Acephate	0.01	0.10	ND ppm	0.40	Methomyl	0.01	0.10	ND ppm	0.40
Acequinocyl	0.01	0.10	ND ppm	2.00	Methylparathion	0.02	0.10	ND ppm	0.20
Acetamiprid	0.01	0.02	ND ppm	0.20	MGK 264 Isomer1	0.009	0.09	ND ppm	
Aldicarb	0.01	0.02	ND ppm	0.40	MGK 264 Isomer1	0.001	0.01	ND ppm	
Azoxystrobin	0.01	0.10	ND ppm	0.20	MGK-264 Total			ND ppm	0.20
Bifenazate	0.01	0.02	ND ppm	0.20	Myclobutanil	0.01	0.02	ND ppm	0.20
Bifenthrin	0.01	0.02	ND ppm	0.20	Naled	0.01	0.02	ND ppm	0.50
Boscalid	0.01	0.02	ND ppm	0.40	Oxamyl	0.01	0.02	ND ppm	1.00
Carbaryl	0.01	0.02	ND ppm	0.20	Paclobutrazol	0.01	0.02	ND ppm	0.40
Carbofuran	0.01	0.10	ND ppm	0.20	Permethrin Cis	0.004	0.04	ND ppm	
Chlorantraniliprole	0.01	0.10	ND ppm	0.20	Permethrin Trans	0.006	0.06	ND ppm	
Chlorfenapyr	0.02	0.40	ND ppm	1.00	Permethrins Total			ND ppm	0.20
Chlorpyrifos	0.01	0.02	ND ppm	0.20	Phosmet	0.01	0.02	ND ppm	0.20
Clofentezine	0.01	0.10	ND ppm	0.20	Piperonyl butoxide	0.01	0.02	ND ppm	2.00
Cyfluthrin	0.10	0.10	ND ppm	1.00	Prallethrin	0.01	0.10	ND ppm	0.20
Cypermethrin	0.10	0.20	ND ppm	1.00	Propiconazole	0.01	0.02	ND ppm	0.40
Daminozide	0.02	0.10	ND ppm	1.00	Propoxur	0.01	0.02	ND ppm	0.20
DDVP (Dichlorvos)	0.01	0.02	ND ppm	0.10	Pyrethrins Cinerin	0.0006	0.001	ND ppm	
Diazinon	0.01	0.02	ND ppm	0.20	Pyrethrins Jasmolin	0.0004	0.004	ND ppm	
Dimethoate	0.01	0.10	ND ppm	0.20	Pyrethrins Pyrethrin	0.006	0.06	ND ppm	
Ethoprophos	0.01	0.02	ND ppm	0.20	Pyrethrins Total			ND ppm	1.00
Etofenprox	0.01	0.02	ND ppm	0.40	Pyridaben	0.01	0.02	ND ppm	0.20
Etoxazole	0.01	0.02	ND ppm	0.20	Spinosyn A	0.006	0.01	ND ppm	
Fenoxycarb	0.01	0.10	ND ppm	0.20	Spinosyn D	0.004	0.009	ND ppm	
Fenpyroximate	0.01	0.10	ND ppm	0.40	Spinosad Total			ND ppm	0.20
Fipronil	0.01	0.02	ND ppm	0.40	Spiromesifen	0.01	0.02	ND ppm	0.20
Flonicamid	0.01	0.10	ND ppm	1.00	Spirotetramat	0.01	0.02	ND ppm	0.20
Fludioxonil	0.01	0.02	ND ppm	0.40	Spiroxamine	0.01	0.02	ND ppm	0.40
Hexythiazox	0.01	0.01	ND ppm	1.00	Tebuconazole	0.01	0.02	ND ppm	0.40
Imazalil	0.01	0.02	ND ppm	0.20	Thiacloprid	0.01	0.02	ND ppm	0.20
Imidacloprid	0.01	0.10	ND ppm	0.40	Thiamethoxam	0.01	0.02	ND ppm	0.20
Kresoxim-methyl	0.01	0.02	ND ppm	0.40	Trifloxystrobin	0.01	0.02	ND ppm	0.20

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ppm = Parts Per Million

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Pass
Pesticides



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