

# Certificate of Analysis

<b>Product Name: Envoi Hemp Cream</b>	<b>Product No.: LFO-7-006-7-30</b>
	<b>Country of Origin: USA</b>
<b>Lot No.: 20195T11</b>	<b>Serving Size: 3 gram snap</b>
	<b>Manufacture Date: 10/2020</b>
<b>Product Packaging: Snap</b>	<b>Report Date: 10/29/2020</b>

Analyte	Test Method	Acceptable Limit	Test Results
<b>Physical</b>			
Appearance	Visual	Smooth lotion	Conforms
Color	Visual	Slightly orange	Conforms
Odor	Organoleptic	Menthol	Conforms
<b>Potency</b>			
CBD- Cannabidiol	MSP-7.3.1.3	NLT 45 mg/snap	58 mg/unit
Total THC (delta 9 THC and THC-A)	MSP-7.3.1.3	NMT 0.1% w/w	Conforms
<b>Impurities</b>			
Pesticides	MSP-7.5.1.8	Below action limits	Conforms
<b>Pathogens</b>			
Escherichia Coli	MSP-7.5.1.9	Absent/10 g	Absent
Salmonella	MSP-7.5.1.9	Absent/10 g	Absent
Yeast and Mold	MSP-7.5.1.9	NMT 100 cfu/g	0 cfu/g
Aflatoxin	MSP-7.5.1.9	NMT 20 ppb	0 ppb
Ochratoxin A	MSP-7.5.1.9	NMT 20 ppb	0 ppb
<b>Heavy Metals</b>			
Arsenic	MSP-7.5.1.1	NMT 1.5 ppm	Conforms
Cadmium	MSP-7.5.1.1	NMT 0.3 ppm	Conforms
Lead	MSP-7.5.1.1	NMT 1.0 ppm	Conforms
Mercury	MSP-7.5.1.1	NMT 0.5 ppm	Conforms

Quality Control: 

Date: 10/29/2020

Quality Assurance: 

Date: 10/30/20

# Envoi Hemp Cream.11

# LaCore Nutraceuticals Certificate of Analysis



total cannabinoids	Δ9-THC	THCa	total THC
<b>63 mg</b>	0.00 mg	0.00 mg	0.00 mg
per	CBD	CBDa	total CBD
<b>3g snap</b>	57.9 mg	0.00 mg	57.9 mg

Lot# 20195T11

This Product Has Been Tested and Complies with 7USC1639o(1) Definition of Hemp



Stillwater Laboratories

https://portal.a2la.org/scopepdf/4961-01.pdf

## Sample Handling

test ID	sample wt
type topical	order <b>8614</b>
lab ID <b>0KK04</b>	sample date 10/13/2020
unit 3g snap	unit weight <b>3.0 g</b>

## Methods

method	equipment
weights	MSP-7.3.1.3 AUX120.1
potency	MSP-7.5.1.5 LC-2030
terpenes	MSP-7.5.1.7 QP2020/HS20
pesticides	MSP-7.5.1.8 LC-8060
mycotoxins	MSP-7.5.1.8 LC-8060
microbial	MSP-7.5.1.1 AriaMx/Hardy
solvents	MSP-7.5.1.6 QP2020/HS20
metals	MSP-7.5.1.1 ICPMS2030

## topical



## Potency

per	3g snap	estimated error
tetrahydrocannabinolic acid (THCa)	0% 0.00 mg	± 0.05 mg
Δ <sup>9</sup> -tetrahydrocannabinol (Δ <sup>9</sup> THC)	0% 0.00 mg	± 0.05 mg
Δ <sup>8</sup> -tetrahydrocannabinol (Δ <sup>8</sup> THC)	0% 0.00 mg	± 0.05 mg
tetrahydrocannabivarin (THCv)	0% 0.00 mg	± 0.05 mg
cannabidiolic acid (CBDA)	0% 0.00 mg	± 0.05 mg
cannabidiol (CBD)	1.93% 57.9 mg	± 0.45 mg
cannabidivarin (CBDv)	0% 0.00 mg	± 0.05 mg
cannabigerolic acid (CBGA)	0% 0.00 mg	± 0.05 mg
cannabigerol (CBG)	.09% 2.6 mg	± 0.11 mg
cannabinol (CBN)	.08% 2.3 mg	± 0.10 mg
cannabichromene (CBC)	0% 0.00 mg	± 0.05 mg

## Terpenes

%	estimated error	%	estimated error	%	estimated error
β-myrcene	0.000% ± 0.0016%	camphene	0.009% ± 0.0019%	guaiaol	0.000% ± 0.0016%
β-caryophyllene	0.000% ± 0.0016%	Δ3-carene	0.052% ± 0.0029%	β-bisabolol	0.000% ± 0.0016%
alpha-pinene	0.161% ± 0.0044%	a-terpinene	0.000% ± 0.0016%	eucalyptol	0.708% ± 0.0088%
β-pinene	0.069% ± 0.0032%	para-cymene	0.000% ± 0.0016%		
D-limonene	0.312% ± 0.0060%	g-terpinene	0.051% ± 0.0028%	total terpenes	1.36%
linalool	0.000% ± 0.0016%	(-)-isopulegol	0.000% ± 0.0016%		
ocimene	0.000% ± 0.0033%	geraniol	0.000% ± 0.0016%		
terpinolene	0.000% ± 0.0016%	cis-nerolidol	0.000% ± 0.0016%		
alpha-humulene	0.000% ± 0.0016%	trans-nerolidol	0.000% ± 0.0016%		

## Solvents

MT limit	0KK04	LOQ
propane	5,000	0 ppm <10ppm
butanes	5,000	0 ppm <10ppm
pentanes	5,000	0 ppm <10ppm
hexanes	290	0 ppm <10ppm
cyclohexane	3,880	0 ppm <10ppm
heptanes	5,000	0 ppm <10ppm
methanol	3,000	0 ppm <10ppm
isopropanol	5,000	0 ppm <10ppm
acetone	5,000	0 ppm <10ppm
ethyl acetate	5,000	0 ppm <10ppm
benzene	2	0 ppm <0.2ppm
toluene	890	0 ppm <10ppm
xylenes	2,170	0 ppm <10ppm
chloroform	2	0 ppm <0.2ppm
dichloromethane	600	0 ppm <10ppm
acetonitrile	NA	0 ppm <10ppm
ethanol	NA	0 ppm <10ppm
tetrahydrofuran	NA	0 ppm <10ppm

## Pesticides (MT)

MT limit	0KK04	LOQ
abamectin	0.00 ppm	<10ppb
acequinocyl	0.00 ppm	<10ppb
bifenazate	0.00 ppm	<10ppb
bifenthrin	0.00 ppm	<10ppb
chlormequat cl.	0.00 ppm	<10ppb
cyfluthrin	0.00 ppm	<80ppb
diaminozide	0.00 ppm	<10ppb
etoxazole	0.00 ppm	<10ppb
fenoxycarb	0.00 ppm	<10ppb
imazalil	0.00 ppm	<10ppb
imidacloprid	0.00 ppm	<10ppb
myclobutanil	0.00 ppm	<10ppb
paclobutrazol	0.00 ppm	<10ppb
pyrethrins	0.00 ppm	<10ppb
spinosad	0.00 ppm	<10ppb
spiromesifen	0.00 ppm	<10ppb
spirotetramat	0.00 ppm	<10ppb
trifloxystrobin	0.00 ppm	<10ppb

## Pesticides (other)

0KK04	LOQ
acephate	0.00 ppm <10ppb
acetamiprid	0.00 ppm <10ppb
aldicarb	0.00 ppm <10ppb
azoxystrobin	0.00 ppm <10ppb
boscalid	0.00 ppm <10ppb
carbaryl	0.00 ppm <10ppb
carbofuran	0.00 ppm <10ppb
chlorantraniliprole	0.00 ppm <10ppb
chlorpyrifos	0.00 ppm <10ppb
clofentezine	0.00 ppm <10ppb
cypermethrin	0.00 ppm <10ppb
diazinon	0.00 ppm <10ppb
dichlorvos	0.00 ppm <10ppb
dimethoate	0.00 ppm <10ppb
etofenprox	0.00 ppm <10ppb
fenpyroximate	0.00 ppm <10ppb
flipronil	0.00 ppm <10ppb
flonicamid	0.00 ppm <10ppb
fludioxonil	0.00 ppm <10ppb
hexythiazox	0.00 ppm <10ppb
kresoxym-methyl	0.00 ppm <10ppb
malathion	0.00 ppm <10ppb
metalaxyl	0.00 ppm <10ppb
methiocarb	0.00 ppm <10ppb
methomyl	0.00 ppm <10ppb
oxamyl	0.00 ppm <10ppb
permethrins	0.00 ppm <10ppb
phosmet	0.00 ppm <10ppb
piperonyl butoxide	0.00 ppm <10ppb
prallethrin	0.00 ppm <10ppb
propiconazole	0.00 ppm <10ppb
pyridaben	0.00 ppm <10ppb
spiroxamine	0.00 ppm <10ppb
tebuconazole	0.00 ppm <10ppb
thiacloprid	0.00 ppm <10ppb
thiamethoxam	0.00 ppm <10ppb

## Toxic Metals

MT limit	0KK04	LOQ
arsenic	2 ppm	0.0 ppm <10ppb
cadmium	4.1 ppm	0.0 ppm <10ppb
lead	1.2 ppm	0.0 ppm <10ppb
mercury	0.4 ppm	0.0 ppm <10ppb

## Microbial

MT limit	0KK04	LOQ
<i>E. coli</i>	10 CFU	0 CFU <10 CFU/g
Salmonella sp.	10 CFU	0 CFU <10 CFU/g
molds	10000 CFU	0 CFU <10k CFU/g
Aflatoxin B1,B2,G1,G2	20 ppb	0 ppb <20 ppb
Ochratoxin A	20 ppb	0 ppb <20 ppb

## Comments

• All testing was completed onsite at 6073 US93N, Olney MT \*\* Potency (cannabinoid concentration) is calculated from the equation: [cannabinoid] = [cannabinoid]<sub>HPLC</sub> X volume<sub>dilution</sub> / m<sub>dry</sub>. Terpene concentration is calculated from the equation: [terpene] = (terpene mass)<sub>GCMS</sub> / m<sub>dry</sub>. ... Decarboxyted cannabinoid concentration is calculated from the equation XXX<sub>total</sub> = 0.877 x XXX<sub>a</sub> + XXX ... Standards are used to calibrate the resulting data and estimate error using a standard estimate of error method; this is combined with error from weighing and dilution using the propagation of error formula s<sub>p</sub><sup>2</sup> = Σ(∂f/∂i)<sup>2</sup>s<sub>i</sub><sup>2</sup> where i is the contributor to error. The 95% confidence range is calculated from the equation: (concentration) ± t<sub>CL,90</sub> X s<sub>p</sub>. Sampling error is not

Certified by:

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