LaCore Nutraceuticals

Lacore Nutraceuticals
1801 S. Industrial Park
Van Alstyne, TX 75495

Certificate of Analysis

Product Name: RLV Full Spectrum Sweet Mint 750 mg	**Product No.: RLV-6-008-2-30**
	Country of Origin: USA
Lot No.: 20303K11	**Serving Size: 1 mL**
	Manufacture Date: 08/24/2020
Product Packaging: 30 mL bottle/dropper	**Report Date: 09/10/2020**

Analyte	Test Method	Acceptable Limit	Test Results
Physical			
Appearance	Visual	Oily liquid	Conforms
Color	Visual	Light brownish	Conforms
Odor	Organoleptic	Slight hempy mint	Conforms
Potency			
Total cannabinoids	MSP-7.3.1.3	NLT 750 mg/30 mL	797 mg/30 mL
Total THC (delta 9 THC and THC-A)	MSP-7.3.1.3	NMT 0.3% w/w	Conforms
Impurities			
Pesticides	MSP-7.5.1.8	Below action level limits	Conforms
Solvents	MSP-7.5.1.6	Below action level limits	Conforms
Microbiological Pathogens			
Escherichia Coli	MSP-7.5.1.9	Absent/10g	None detected
Salmonella	MSP-7.5.1.9	Absent/10g	None detected
Aflatoxins	MSP-7.5.1.9	< 20 ppb	0 ppb
Ochratoxin A	MSP-7.5.1.9	< 20 ppb	0 ppb
Molds	MSP-7.5.1.9	NMT 10^2 cfu/g	Conforms
Heavy Metals			
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: 09/10/2020

Quality Assurance: _____ Date: 9/10/20

RLV FS Sweet Mint750

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total cannabinoids	Δ9-THC	THCa	total THC
797 mg	0.0 mg	0.0 mg	0.0 mg
per	CBD	CBDa	total CBD
30mL	761.3 mg	0.0 mg	761.3 mg

Lot# 20303K11

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

ISO/IEC 17025:2017 ACCREDITED Certificate #4961.01

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

Stillwater Laboratories

Sample Handling

test ID		sample wt	28.5 g
type	tincture	order	**8267**
lab ID	**0JC23**	sample date	9/3/2020
unit	30mL	unit weight	**28.5 g**

tincture

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 RTPCR
solvents	MSP-7.5.1.6	QP2020/HS20
metals	MSP-7.5.1.1	ICPMS2030

Potency

per 30mL			estimated error
tetrahydrocannabolic acid (THCa)	0%	0.0 mg	± 0.47 mg
Δ^9-tetrahydrocannabinol (Δ^9 THC)	0%	0.0 mg	± 0.47 mg
Δ^8-tetrahydrocannabinol (Δ^8 THC)	0%	0.0 mg	± 0.47 mg
tetrahydrocannabivarin (THCv)	0%	0.0 mg	± 0.47 mg
cannabidiolic acid (CBDa)	0%	0.0 mg	± 0.47 mg
cannabidiol (CBD)	2.67%	761.3 mg	± 1.03 mg
cannabidivarin (CBDv)	0%	0.0 mg	± 0.47 mg
cannabigerolic acid (CBGa)	0%	0.0 mg	± 0.47 mg
cannabigerol (CBG)	.03%	7.7 mg	± 0.48 mg
cannabinol (CBN)	0%	0.0 mg	± 0.47 mg
cannabichromene (CBC)	.1%	28.0 mg	± 0.50 mg

Terpenes

%	estimated error	%	estimated error	%	estimated error

terpenes
not tested / not required

Solvents

	MT limit	0JC23	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

Toxic Metals

	MT limit	0JC23	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

Comments

-No terpenes detected

Pesticides (MT)

	MT limit	0JC23	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

Microbial

	MT limit	0JC23	LOQ
E. coli	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

Pesticides (other)

	0JC23	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
chloantraniliprole	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
fipronil	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

• All testing was completed onsite at 6073 US93N, Olney MT •• Potency (cannabinoid concentration) is calcuated from the equation: [cannabioid] = $[\text{cannabinoid}]_{HPLC} \times \text{volume}_{dilution}/m_{dry}$. Terpene concentration is calcuated from the equation: [terpene] = $(\text{terpene mass})_{GCMS} / m_{dry}$. ••• Decarboxyted cannabinoid concentration is calculated from the equation $XXX_{total} = 0.877 \times XXXa + XXX$ •••• 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 $s_g^2 = \sum(\partial f/\partial i)^2 s_i^2$ where i is the contributor to error. The 95% confidence range is calculated from the equation: (concentration) $\pm t_{CL90} \times s_g$. Sampling error is not

Certified by:

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