

Energy Lemon Lime 500MG

**FARM BILL
COMPLIANT**


SAMPLE ID
149341

SAMPLE NAME
Energy Lemon Lime 500MG

MATRIX
Tincture

COLLECTED
10/30/2019 16:58

RECEIVED
10/30/2019 16:58

SERVING SIZE
Full Dropper (1 mL)

SERVINGS PER PACKAGE
30

DENSITY
0.9500 g/ml

MANUFACTURER INFO
**Hempcy
1041 Crews Commerce Dr.
Orlando, FL 32837
License:**

**TOTAL
CBD**

16.65
MG PER SERVING

**TOTAL
D9-THC**

ND
MG PER SERVING

**TOTAL
CANNABINOIDS**

17.77
MG PER SERVING

Chemical Residue

bifenazate: <LLOQ



Chemical Residue GC

No Analytes Detected



Residual Solvent

Ethanol: 46.36 ug/g



Microbial qPCR

No Analytes Detected



Heavy Metals

Lead: 0.1403 ug/g, Cadmium: <LLOQ



Mycotoxins

No Analytes Detected



Indicates that the hemp product passes
some of the strictest testing standards available
for cannabis and hemp.



1801 Carnegie Ave, Santa Ana CA 92705
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(949) 329-8378
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CANNABINOID ANALYSIS

! Total THC,CBD value(s) have been decarboxylated.

TOTAL THC: ND per serving (ND) (ND)
 TOTAL CBD: 16.65 mg per serving (16.65 mg/mL) (1.753 %)
 TOTAL CANNABINOIDS: 17.77 mg per serving (17.77 mg/mL) (1.871 %)

UNIT OF MEASUREMENT: Milligrams per Milliliter(mg/mL)

ANALYTE	RESULT	LOD	LLOQ	ANALYTE	RESULT	LOD	LLOQ
D9THC	ND	0.0500	0.1000	D8THC	ND	0.0500	0.1000
CBG	0.2171 mg/mL (0.0229 %)	0.0500	0.1000	CBC	0.6405 mg/mL (0.0674 %)	0.0500	0.1000
THCv	ND	0.0500	0.1000	CBD	16.65 mg/mL (1.753 %)	0.0500	0.1000
CBN	ND	0.0500	0.1000	CBDv	0.2677 mg/mL (0.0282 %)	0.0500	0.1000
THCa	ND	0.0500	0.1000	CBGa	ND	0.0500	0.1000
CBDa	ND	0.0500	0.1000				

ADDITIONAL INFORMATION

Method: SOP-TECH-001
 Instrument: UPLC-DAD

Sample Prepped 11/01/2019 10:57
 Sample Analyzed 11/01/2019 17:11

Sample Approved 11/04/2019 16:53

CHEMICAL RESIDUE ANALYSIS

UNIT OF MEASUREMENT: Micrograms per Gram(ug/g)

ANALYTE	RESULT	LOD	LLOQ	ACTION LEVEL	ANALYTE	RESULT	LOD	LLOQ	ACTION LEVEL
Abamectin	ND	0.0200	0.0400	0.3000	Acephate	ND	0.0200	0.0400	5.000
Acequinocyl	ND	0.0200	0.0400	4.000	Acetamiprid	ND	0.0200	0.0400	5.000
Aldicarb	ND	0.0200	0.0400	0.0	Azoxystrobin	ND	0.0200	0.0400	40.00
Bifenazate	<LLOQ	0.0200	0.0400	5.000	Bifenthrin	ND	0.0200	0.0400	0.5000
Boscalid	ND	0.0200	0.0400	10.00	Carbaryl	ND	0.0200	0.0400	0.5000
Carbofuran	ND	0.0200	0.0400	0.0	Chlorantraniliprole	ND	0.0200	0.0400	40.00
Chlorfenapyr	ND	0.0200	0.0400	0.0	Chlorpyrifos	ND	0.0200	0.0400	0.0
Clofentezine	ND	0.0200	0.0400	0.5000	Coumaphos	ND	0.0200	0.0400	0.0
Cyfluthrin	ND	0.1000	0.2000	1.000	Cypermethrin	ND	0.0400	0.1000	1.000
Daminozide	ND	0.0200	0.0400	0.0	Diazinon	ND	0.0200	0.0400	0.2000
Dichlorvos	ND	0.0200	0.0400	0.0	Dimethoate	ND	0.0200	0.0400	0.0
Dimethomorph	ND	0.0099	0.0198	20.00	Ethoprophos	ND	0.0200	0.0400	0.0
Etofenprox	ND	0.0200	0.0400	0.0	Etiozazole	ND	0.0200	0.0400	1.500
Fenhexamid	ND	0.0200	0.0400	10.00	Fenoxycarb	ND	0.0200	0.0400	0.0
Fenpyroximate	ND	0.0200	0.0400	2.000	Fipronil	ND	0.0200	0.0400	0.0
Flonicamid	ND	0.0200	0.0400	2.000	Fludioxonil	ND	0.0200	0.0400	30.00
Hexythiazox	ND	0.0200	0.0400	2.000	Imazalil	ND	0.0200	0.0400	0.0
Imidacloprid	ND	0.0200	0.0400	3.000	KresoximMethyl	ND	0.0200	0.0400	1.000
Malathion	ND	0.0200	0.0400	5.000	Metalaxyl	ND	0.0200	0.0400	15.00
Methiocarb	ND	0.0200	0.0400	0.0	Methomyl	ND	0.0200	0.0400	0.1000
Mevinphos	ND	0.0200	0.0400	0.0	Myclobutanil	ND	0.0200	0.0400	9.000
Naled	ND	0.0200	0.0400	0.5000	Oxamyl	ND	0.0200	0.0400	0.2000
Paclobutrazol	ND	0.0200	0.0400	0.0	Permethrins	ND	0.0200	0.0400	20.00

Phosmet	ND	0.0200	0.0400	0.2000	PiperonylButoxide	ND	0.0200	0.0400	8.000
Prallethrin	ND	0.0200	0.0400	0.4000	Propiconazole	ND	0.0200	0.0400	20.00
Propoxur	ND	0.0200	0.0400	0.0	Pyrethrins	ND	0.0178	0.0356	1.000
Pyridaben	ND	0.0200	0.0400	3.000	Spinetoram	ND	0.0200	0.0400	3.000
Spinosad	ND	0.0200	0.0400	3.000	Spiromesifen	ND	0.0200	0.0400	12.00
Spirotetramat	ND	0.0200	0.0400	13.00	Spiroxamine	ND	0.0200	0.0400	0.0
Tebuconazole	ND	0.0200	0.0400	2.000	Thiacloprid	ND	0.0200	0.0400	0.0
Thiamethoxam	ND	0.0200	0.0400	4.500	Trifloxystrobin	ND	0.0200	0.0400	30.00

ADDITIONAL INFORMATION

Method: SOP-TECH-002
Instrument: LC-MS/MS

Sample Prepped 11/01/2019 15:05
Sample Analyzed 11/01/2019 15:06

Sample Approved 11/04/2019 14:41

CHEMICAL RESIDUE GC ANALYSIS

UNIT OF MEASUREMENT: Micrograms per Gram(ug/g)

ANALYTE	RESULT	LOD	LLOQ	ACTION LEVEL	ANALYTE	RESULT	LOD	LLOQ	ACTION LEVEL
Captan	ND	0.1000	0.2000	5.000	Chlordane	ND	0.0400	0.1000	0.0
MethylParathion	ND	0.0400	0.1000	0.0	PCNB	ND	0.0200	0.0400	0.2000

ADDITIONAL INFORMATION

Method: SOP-TECH-010
Instrument: GC-MS/MS

Sample Prepped 11/01/2019 18:10
Sample Analyzed 11/01/2019 18:18

Sample Approved 11/04/2019 16:32

RESIDUAL SOLVENT ANALYSIS

UNIT OF MEASUREMENT: Micrograms per Gram(ug/g)

ANALYTE	RESULT	LOD	LLOQ	ACTION LEVEL	ANALYTE	RESULT	LOD	LLOQ	ACTION LEVEL
Acetone	ND	2.500	5.000	5000	Acetonitrile	ND	0.5000	1.000	410.0
Benzene	ND	0.5000	1.000	1.000	Butane	ND	24.00	48.00	5000
Chloroform	ND	0.5000	1.000	1.000	Ethanol	46.36 ug/g	1.000	2.500	1.000E+4
Ethyl Acetate	ND	2.500	5.000	5000	Ethyl Ether	ND	10.00	50.00	5000
Ethylene oxide	ND	0.5000	1.000	1.000	Heptane	ND	0.2500	0.5000	5000
Hexane	ND	0.2500	0.5000	290.0	Isopropyl Alcohol	ND	0.2500	0.5000	5000
Methanol	ND	1.000	2.500	3000	Methylene chloride	ND	0.2500	0.5000	1.000
Pentane	ND	1.000	2.500	5000	Propane	ND	5.000	10.00	5000
Toluene	ND	0.2500	0.5000	890.0	Xylenes	ND	0.5000	1.000	2170
Trichloroethylene	ND	0.2500	0.5000	1.000	1,2-Dichloroethane	ND	0.2500	0.5000	1.000

ADDITIONAL INFORMATION

Method: SOP-TECH-021
Instrument: HS-GC-MS/FID

Sample Prepped 11/01/2019 18:11
Sample Analyzed 11/01/2019 18:11

Sample Approved 11/04/2019 14:50

MICROBIAL qPCR ANALYSIS

UNIT OF MEASUREMENT: Cycle Threshold (Ct)

ANALYTE	RESULT	LOD	LLOQ	ACTION LEVEL	ANALYTE	RESULT	LOD	LLOQ	ACTION LEVEL
A.fumigatus	ND	33.00	0.0	0.0	A. flavus	ND	33.00	0.0	0.0
A. niger	ND	33.00	0.0	0.0	A. terreus	ND	33.00	0.0	0.0
STEC	ND	33.00	0.0	0.0	Salmonella spp	ND	33.00	0.0	0.0

ADDITIONAL INFORMATION

Method: SOP-TECH-016, SOP-TECH-022
Instrument: qPCR

Sample Prepped 11/01/2019 06:02
Sample Analyzed 11/01/2019 09:17

Sample Approved 11/01/2019 13:07

HEAVY METALS ANALYSIS

UNIT OF MEASUREMENT: Micrograms per Gram(ug/g)

ANALYTE	RESULT	LOD	LLOQ	ACTION LEVEL	ANALYTE	RESULT	LOD	LLOQ	ACTION LEVEL
Arsenic	ND	0.0200	0.0500	1.500	Cadmium	<LLOQ	0.0050	0.0500	0.5000
Lead	0.1403 ug/g	0.0100	0.0500	0.5000	Mercury	ND	0.0030	0.0500	3.000

ADDITIONAL INFORMATION

Method: SOP-TECH-013
Instrument: ICP-MS

Sample Prepped 11/01/2019 15:21
Sample Analyzed 11/04/2019 07:45

Sample Approved 11/04/2019 12:51

MYCOTOXINS ANALYSIS

UNIT OF MEASUREMENT: Micrograms per Kilogram(ug/kg)

ANALYTE	RESULT	LOD	LLOQ	ACTION LEVEL	ANALYTE	RESULT	LOD	LLOQ	ACTION LEVEL
Aflatoxin B1	ND	1.000	2.000		Aflatoxin B2	ND	2.000	5.000	
Aflatoxin G1	ND	2.000	5.000		Aflatoxin G2	ND	2.000	5.000	
Total Aflatoxins	ND	10.00	14.00	20.00	Ochratoxin A	ND	1.000	2.000	20.00

ADDITIONAL INFORMATION

Method: SOP-TECH-020
Instrument: LC-MS/MS

Sample Prepped 11/01/2019 16:29
Sample Analyzed 11/01/2019 16:29

Sample Approved 11/04/2019 15:09



This report applies to the sample investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. This report provides technical results for a specific sample and the report shall not be altered, modified, supplemented, or abstracted in any manner. Any violation of these conditions renders the report and its results void.

All LQC samples required by state regulations were performed and met the acceptance criteria.

DATA REVIEWED AND APPROVED BY11/04/2019

Swetha Kaul, PhD
Chief Scientific Officer

Date

