



Innovational Laboratories, LLC.
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www.ilab-us.com

CoA # 19020460
CoA Date 02/26/2019
CoA Status Final

CERTIFICATE OF ANALYSIS

Customer	Laro Farms	Date Received	2/22/2019
Address		Condition	Good
		Temp	Ambient
Sample Name	<u>Solve</u> 1015mg Per 28.3 grams	PO #	
Sample Lot #	NLC-001cono1904	Remarks	

Analysis	Specification	Test Result	Test Method	Test Date
Cannabidiol (CBD)	N/A	1028mg / 30mL	HPLC/UPLC	02/22/2019
Cannabidiolic Acid (CBDA)	N/A	Not Detected	HPLC/UPLC	as above
Cannabidivarin (CBDV)	N/A	Not Detected	HPLC/UPLC	as above
Cannabidivarinic Acid (CBDVA)	N/A	Not Detected	HPLC/UPLC	as above
Cannabigerol (CBG)	N/A	Not Detected	HPLC/UPLC	as above
Cannabinol (CBN)	N/A	Not Detected	HPLC/UPLC	as above
Tetrahydrocannabinol (THC)	N/A	Not Detected	HPLC/UPLC	as above
delta-8 Tetrahydrocannabinol	N/A	Not Detected	HPLC/UPLC	as above
Cannabichromene (CBC)	N/A	Not Detected	HPLC/UPLC	as above
Tetrahydrocannabinolic (THCA)	N/A	Not Detected	HPLC/UPLC	as above

Authorized by

Guy Weerasekera, Ph.D. / Lab Director

02/26/2019

These results apply only to the items tested. This certificate of analysis shall not be reproduced except in full without written consent of iLab.
Estimation of uncertainty of measurement is available upon request.

Cannabinoid Potency and Contaminant Analysis Report

Sample Name: 25mg CBD Softgel
 Sample Type: Ingestible, Tincture, Other
 Sample ID: 1807AU0156.09432
 Batch ID:
 METRC Tag:

NL LLC

, CO 81632
 (303) 513-1364
 Lic. #

Cannabinoid Profile

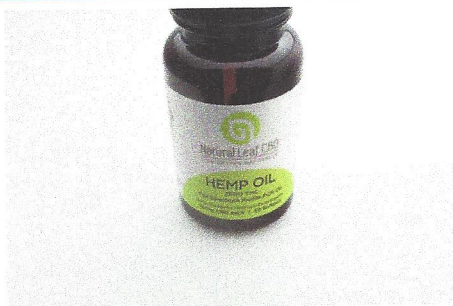
Analyte	LOQ	Amount	Amount
	mg/unit	mg/unit	mg/g
THCa	0.02	ND	ND
Δ9-THC	0.02	ND	ND
Δ8-THC	0.01	ND	ND
CBDa	0.02	ND	ND
CBD	0.02	23.87	40.64
CBDVa	0.01	ND	ND
CBDV	0.01	0.17	0.29
CBN	0.01	0.01	0.01
CBGa	0.01	ND	ND
CBG	0.01	0.01	0.02
CBCa	0.01	ND	ND
CBC	0.01	ND	ND
CBL	0.01	ND	ND

Total Cannabinoids

Analyte	Total*
THC	<LOQ
CBD	23.87 mg/unit
CBG	0.01 mg/unit
CBC	<LOQ
CBDV	0.17 mg/unit

*Total is the sum of the neutral (active) cannabinoid and the completely converted acidic cannabinoid.

Sample Photo



Residual Solvent Analysis

Analyte	LOQ	Limit	Amount	Status
	PPM	PPM	PPM	
Acetone	389.7		ND	Tested
Benzene	1.0		ND	Tested
Butanes	49.7		ND	Tested
Ethanol	392.1		ND	Tested
Heptanes	51.0		ND	Tested
Hexanes	24.4		ND	Tested
Isopropanol	390.7		ND	Tested
n-Pentane	46.7		ND	Tested
Propane	49.7		ND	Tested
Toluene	21.5		ND	Tested
Xylenes	32.8		ND	Tested

Final Approval

Lucas Mason

Results Approved By:
 Lucas Mason, M.S.
 Lab Director

Amy Spencer

Results Analyzed By:
 Amy Spencer, PhD
 Senior Microbiologist

Microbial Contaminants

Analyte	Limit	Amount	Status
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Received: 07/24/2018

Tested: 07/24/2018

Reported: 07/24/2018

Definitions: LOQ= Limit of Quantitation, ND = Not Detected, CFU/g = Colony Forming Units per Gram

This product has been tested by Aurum Labs using valid testing methodologies and a quality system as required by state law. Values reported relate only to the product tested. Aurum Labs makes no claims as to the efficacy, safety or other risks associated with any detected or non-detected levels of any compounds reported herein. This Certificate shall not be reproduced except in full, without the written approval of Aurum Labs.



Aurum Labs
 789 Tech Center Drive, Unit C
 Durango, CO
 (970) 422-1867
 www.aurum-labs.com



Sample: 1807AU0156.09432

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 (866) 506-5866
 www.confidentcannabis.com



Contaminant Analysis Report

Sample Name: 25mg CBD Softgel
 Sample Type: Ingestible, Tincture, Other
 Sample ID: 1807AU0156.09432
 Batch ID:
 METRC Tag:

NL LLC

, CO 81632
 (303) 513-1364
 Lic. #

Pesticide Analysis Results

Analyte	LOQ	Limit	Amount	Status
	PPB	PPB	PPB	
Abamectin	40.0		ND	Tested
Azoxystrobin	10.0		ND	Tested
Bifenazate	20.0		ND	Tested
Etoxazole	10.0		ND	Tested
Imazalil	40.0		ND	Tested
Imidacloprid	10.0		ND	Tested
Malathion	40.0		ND	Tested
Myclobutanil	10.0		ND	Tested
Permethrin	10.0		ND	Tested
Spinosad	40.0		ND	Tested
Spiromesifen	30.0		ND	Tested
Spirotetramat	10.0		ND	Tested
Tebuconazole	10.0		ND	Tested



Final Approval

Test Status

Lucas Mason

Results Approved By:
 Lucas Mason, M.S.
 Lab Director

Amy Spencer

Results Analyzed By:
 Amy Spencer, PhD
 Senior Microbiologist

Pesticide Analysis Results

Pass

Received: 07/24/2018

Tested: 07/24/2018

Reported: 07/24/2018

Definitions: LOQ = Limit of Quantitation, ND = Not Detected, NT = Not Tested, PPM = Parts per Million

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CoA # 19030513A
CoA Date 03/15/2019
CoA Status Final

CERTIFICATE OF ANALYSIS

Customer	Natural Leaf CBD	Date Received	3/6/2019
Address	795 Gore Trail Edwards CO 81632	Condition	Good
		Temp	Ambient
Sample Name	500mg	PO #	
	LF500-01 EXP 8/20	Remarks	
Sample Lot #	CONO1922LF500		

Analysis	Specification	Test Result	Test Method	Test Date
Pesticides	N/A	<0.500 ppm	GC-MS	03/04/2019
DDT	N/A	<0.500 ppm	GC-MS	as above
Alachlor	N/A	<0.025 ppm	GC-MS	as above
Aldin	N/A	<3.000 ppm	GC-MS	as above
Azinphos-ethyl	N/A	<0.500 ppm	GC-MS	as above
Azinphos-methyl	N/A	<0.050 ppm	GC-MS	as above
Bromophos-ethyl	N/A	<0.500 ppm	GC-MS	as above
Bromophos-methyl	N/A	<2.000 ppm	GC-MS	as above
Bromopropylate	N/A	<0.025 ppm	GC-MS	as above
Chlordane	N/A	<0.500 ppm	GC-MS	as above
Chlorfenvinphos	N/A	<0.150 ppm	GC-MS	as above
Chlorpyrifos	N/A	<2.000 ppm	GC-MS	as above
Chlorpyrifos-methyl	N/A	<1.000 ppm	GC-MS	as above
Chlorthal-dimethyl	N/A	<0.100 ppm	GC-MS	as above
Cyfluthrin	N/A	<0.150 ppm	GC-MS	as above
Cyhalothrin-Lambda	N/A	<0.150 ppm	GC-MS	as above
Cypermethrin	N/A	<0.500 ppm	GC-MS	as above
Deltamethrin	N/A	<2.000 ppm	GC-MS	as above
Diazinon	N/A	<1.000 ppm	GC-MS	as above
Dichlofluanid	N/A	<0.050 ppm	GC-MS	as above
Dichlorvos	N/A	<0.500 ppm	GC-MS	as above
Dicofol	N/A	<0.025 ppm	GC-MS	as above
Dieldrin	N/A	<1.000 ppm	GC-MS	as above
Dimethoate	N/A	<0.250 ppm	GC-MS	as above
Endosulfan	N/A	<0.025 ppm	GC-MS	as above
Endrin	N/A	<0.500 ppm	GC-MS	as above
Ethion	N/A	<0.250 ppm	GC-MS	as above
Etrimphos	N/A	<0.500 ppm	GC-MS	as above
Fenchlorophos	N/A	<1.000 ppm	GC-MS	as above
Fenitrothion	N/A	<0.050 ppm	GC-MS	as above
Fenpropathrin	N/A	<0.500 ppm	GC-MS	as above
Fensulfothion	N/A	<0.250 ppm	GC-MS	as above
Fenthion	N/A	<0.010 ppm	GC-MS	as above
Fenvalerate	N/A	<0.100 ppm	GC-MS	as above
Flucytrinane	N/A	<0.250 ppm	GC-MS	as above
Fluvalinate-Tau	N/A	<0.150 ppm	GC-MS	as above
Fonofos	N/A	<0.075 ppm	GC-MS	as above
Heptachlor	N/A	<0.100 ppm	GC-MS	as above
Hexachlorbenzene	N/A			

Authorized by

Guy Weerasakera, Ph.D. / Lab Director

03/15/2019

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Customer	Natural Leaf CBD	Date Received	3/6/2019
Address	795 Gore Trail Edwards CO 81632	Condition	Good
		Temp	Ambient
Sample Name	500mg	PO #	
	LF500-01 EXP 8/20	Remarks	
Sample Lot #	CONO1922LF500		

Analysis	Specification	Test Result	Test Method	Test Date
Hexachlorocyclohexane	N/A	<0.025 ppm	GC-MS	as above
Lindane	N/A	<0.250 ppm	GC-MS	as above
Malaoxon	N/A	<0.100 ppm	GC-MS	as above
Malathion	N/A	<0.250 ppm	GC-MS	as above
Mecarbam	N/A	<0.500 ppm	GC-MS	as above
Methacrifos	N/A	<0.025 ppm	GC-MS	as above
Methamidophos	N/A	<0.005 ppm	GC-MS	as above
Methidathion	N/A	<0.100 ppm	GC-MS	as above
Methoxychlor	N/A	<2.000 ppm	GC-MS	as above
Parathion-ethyl	N/A	<1.000 ppm	GC-MS	as above
Mirex	N/A	<1.000 ppm	GC-MS	as above
Monocrotophos	N/A	<0.050 ppm	GC-MS	as above
Omethoate	N/A	<0.500 ppm	GC-MS	as above
Paraaxon-ethyl	N/A	<0.025 ppm	GC-MS	as above
Paraaxon	N/A	<2.000 ppm	GC-MS	as above
Parathion-methyl	N/A	<1.000 ppm	GC-MS	as above
Pendimethalin	N/A	<1.000 ppm	GC-MS	as above
Pentachloranisol	N/A	<0.025 ppm	GC-MS	as above
Permethrin	N/A	<0.025 ppm	GC-MS	as above
Phosalone	N/A	<2.000 ppm	GC-MS	as above
Phosmet	N/A	<0.500 ppm	GC-MS	as above
Piperonylbutoxide	N/A	<1.000 ppm	GC-MS	as above
Pirimiphos-ethyl	N/A	<0.050 ppm	GC-MS	as above
Pirimiphos-methyl	N/A	<0.250 ppm	GC-MS	as above
Procymidone	N/A	<1.000 ppm	GC-MS	as above
Profenophos	N/A	<2.000 ppm	GC-MS	as above
Prothiophos	N/A	<0.500 ppm	GC-MS	as above
Pyrethrum	N/A	<0.250 ppm	GC-MS	as above
Quinalphos	N/A	<0.500 ppm	GC-MS	as above
Quintozene	N/A	<1.000 ppm	GC-MS	as above
S-421	N/A	<0.500 ppm	GC-MS	as above
Tecnazene	N/A	<0.100 ppm	GC-MS	as above
Tetradifon	N/A	<0.250 ppm	GC-MS	as above
Vinclozolin	N/A	<1.000 ppm	GC-MS	as above
Cannabinoids				
Cannabidiol (CBD)	N/A	536.4mg / 30mL	HPLC/UPLC	03/07/2019
Cannabidivarin (CBDV)	N/A	Not Detected	HPLC/UPLC	as above
Cannabidivarinic Acid (CBVA)	N/A	Not Detected	HPLC/UPLC	as above

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Customer	Natural Leaf CBD	Date Received	3/6/2019
Address	795 Gore Trail Edwards CO 81632	Condition	Good
		Temp	Ambient
Sample Name	500mg	PO #	
	LF500-01 EXP 8/20	Remarks	
Sample Lot #	CONO1922LF500		

Analysis	Specification	Test Result	Test Method	Test Date
Cannabidiolic Acid (CBDA)	N/A	Not Detected	HPLC/UPLC	as above
Cannabigerol (CBG)	N/A	Not Detected	HPLC/UPLC	as above
Cannabinol (CBN)	N/A	Not Detected	HPLC/UPLC	as above
Tetrahydrocannabinol (THC)	N/A	Not Detected	HPLC/UPLC	as above
delta-8-Tetrahydrocannabinol	N/A	Not Detected	HPLC/UPLC	as above
Cannabichromene (CBC)	N/A	Not Detected	HPLC/UPLC	as above
Tetrahydrocannabinolic (THCA)	N/A	Not Detected	HPLC/UPLC	as above
Residual Solvents				03/14/2019
Methanol	N/A	Pass <3000 ppm	USP 37<467>	as above
Acetonitrile	N/A	Pass <410 ppm	USP 37<467>	as above
Dichloromethane	N/A	Pass <600 ppm	USP 37<467>	as above
trans-1, 2-Dichloroethene	N/A	Pass <1870 ppm	USP 37<467>	as above
cis-1, 2-Dichloroethene	N/A	Pass <1870 ppm	USP 37<467>	as above
Tetrahydrofuran	N/A	Pass <720 ppm	USP 37<467>	as above
Cyclohexane	N/A	Pass <3880 ppm	USP 37<467>	as above
Methylcyclohexane	N/A	Pass <1180 ppm	USP 37<467>	as above
1,4-Dioxane	N/A	Pass <380 ppm	USP 37<467>	as above
Toulene	N/A	Pass <890 ppm	USP 37<467>	as above
Chlorobenzene	N/A	Pass <360 ppm	USP 37<467>	as above
Ethylbenzene	N/A	Pass <368.9 ppm	USP 37<467>	as above
m-Xylene	N/A	Pass <1302 ppm	USP 37<467>	as above
p-Xylene	N/A	Pass <368.9 ppm	USP 37	as above
o-Xylene	N/A	Pass <195.3 ppm	USP 37<467>	as above
n-Hexane	N/A	Pass <290 ppm	USP 37<467>	as above
Nitromethane	N/A	Pass <50 ppm	USP 37<467>	as above
Chloroform	N/A	Pass <60 ppm	USP 37<467>	as above
1,2-Dimethoxyethane	N/A	Pass <100 ppm	USP 37<467>	as above
Trichloroethene	N/A	Pass <80 ppm	USP 37<467>	as above
Pyridine	N/A	Pass <200 ppm	USP 37<467>	as above
2-Hexanone	N/A	Pass <50 ppm	USP 37<467>	as above
Tetraline	N/A	Pass <100 ppm	USP 37<467>	as above
Ethanol	N/A	Pass <5000 ppm	USP 37<467>	as above
Terpenes				03/15/2019
alpha-Pinene	N/A	Not Detected	GC	as above
Camphene	N/A	Not Detected	GC	as above
Beta-Myrcene	N/A	Not Detected	GC	as above
Beta-Pinene	N/A	Not Detected	GC	as above

Authorized by  03/15/2019
Guy Weerasakera, Ph.D. / Lab Director

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CERTIFICATE OF ANALYSIS

Customer	Natural Leaf CBD	Date Received	3/6/2019
Address	795 Gore Trail Edwards CO 81632	Condition	Good
		Temp	Ambient
Sample Name	500mg	PO #	
	LF500-01 EXP 8/20	Remarks	
Sample Lot #	CONO1922LF500		

Analysis	Specification	Test Result	Test Method	Test Date
3-Carene	N/A	Not Detected	GC	as above
alpha-Terpinene	N/A	Not Detected	GC	as above
Ocimene	N/A	Not Detected	GC	as above
Limonen	N/A	Not Detected	GC	as above
P-Cymene	N/A	Not Detected	GC	as above
Beta-Ocimene	N/A	Not Detected	GC	as above
Eucalyptol	N/A	0.011mg / g	GC	as above
gamma-Terpinene	N/A	Not Detected	GC	as above
Terpinolene	N/A	Not Detected	GC	as above
Linalool	N/A	Not Detected	GC	as above
Isopulegol	N/A	Not Detected	GC	as above
Geraniol	N/A	Not Detected	GC	as above
Beta-Caryophyllene	N/A	0.020mg / g	GC	as above
alpha-Humulene	N/A	Not Detected	GC	as above
Nerolidol 1	N/A	Not Detected	GC	as above
Nerolidol 2	N/A	Not Detected	GC	as above
Guaiol	N/A	0.064mg / g	GC	as above
Caryophyllene oxide	N/A	0.022mg / g	GC	as above
alpha-Bisabolol	N/A	Not Detected	GC	as above
Heavy Metals				03/08/2019
Arsenic (As)	N/A	<0.192 ppm	ICP-MS (STP-021)	as above
Cadmium (Cd)	N/A	<0.0479 ppm	ICP-MS (STP-021)	as above
Mercury (Hg)	N/A	<0.0240 ppm	ICP-MS (STP-021)	as above
Lead (Pb)	N/A	<0.0479 ppm	ICP-MS (STP-021)	as above
Microbiological				03/06/2019
TPC	N/A	<10 cfu/g	AOAC 966.23	as above
Yeast	N/A	<10 cfu/g	FDA BAM Ch.18	as above
Mold	N/A	<10 cfu/g	FDA BAM Ch.18	as above
Coliforms	N/A	<10 cfu/g	AOAC 991.14	as above
E. coli	N/A	Negative / 10g	AOAC 991.14	as above
Salmonella	N/A	Negative / 10g	AOAC 989.13	as above

Authorized by  03/15/2019
Guy W. Seneke, Ph.D. / Lab Director

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CoA # 19030515A
CoA Date 03/15/2019
CoA Status Final

CERTIFICATE OF ANALYSIS

Customer	Natural Leaf CBD	Date Received	3/15/2019
Address	795 Gore Trail Edwards, CO 81632	Condition	Good
		Temp	Ambient
Sample Name	1000mg	PO #	
	LF1000-001 EXP 8/20	Remarks	
Sample Lot #	CONO1922LF1000		

Analysis	Specification	Test Result	Test Method	Test Date
Pesticides		<0.500 ppm	GC-MS	03/04/2019
DDT	N/A	<0.500 ppm	GC-MS	as above
Alachlor	N/A	<0.025 ppm	GC-MS	as above
Aldin	N/A	<3.000 ppm	GC-MS	as above
Azinphos-ethyl	N/A	<0.500 ppm	GC-MS	as above
Azinphos-methyl	N/A	<0.050 ppm	GC-MS	as above
Bromophos-ethyl	N/A	<0.500 ppm	GC-MS	as above
Bromophos-methyl	N/A	<2.000 ppm	GC-MS	as above
Bromopropylate	N/A	<0.025 ppm	GC-MS	as above
Chlordane	N/A	<0.500 ppm	GC-MS	as above
Chlorfenvinphos	N/A	<0.150 ppm	GC-MS	as above
Chlorpyrifos	N/A	<2.000 ppm	GC-MS	as above
Chlorpyrifos-methyl	N/A	<1.000 ppm	GC-MS	as above
Chlorthal-dimethyl	N/A	<0.100 ppm	GC-MS	as above
Cyfluthrin	N/A	<0.150 ppm	GC-MS	as above
Cyhalothrin-Lambda	N/A	<0.150 ppm	GC-MS	as above
Cypermethrin	N/A	<0.500 ppm	GC-MS	as above
Deltamethrin	N/A	<2.000 ppm	GC-MS	as above
Diazinon	N/A	<1.000 ppm	GC-MS	as above
Dichlofuanid	N/A	<0.050 ppm	GC-MS	as above
Dichlorvos	N/A	<0.500 ppm	GC-MS	as above
Dicofol	N/A	<0.025 ppm	GC-MS	as above
Dieldrin	N/A	<1.000 ppm	GC-MS	as above
Dimethoate	N/A	<0.250 ppm	GC-MS	as above
Endosulfan	N/A	<0.025 ppm	GC-MS	as above
Endrin	N/A	<0.500 ppm	GC-MS	as above
Ethion	N/A	<0.250 ppm	GC-MS	as above
Etrinfos	N/A	<0.500 ppm	GC-MS	as above
Fenchlorophos	N/A	<1.000 ppm	GC-MS	as above
Fenitrothion	N/A	<0.050 ppm	GC-MS	as above
Fenpropathrin	N/A	<0.500 ppm	GC-MS	as above
Fensulfathion	N/A	<0.250 ppm	GC-MS	as above
Fenthion	N/A	<0.010 ppm	GC-MS	as above
Fenvalerate	N/A	<0.100 ppm	GC-MS	as above
Flucytrinate	N/A	<0.250 ppm	GC-MS	as above
Fluvalinate-Tau	N/A	<0.150 ppm	GC-MS	as above
Fonofos	N/A	<0.075 ppm	GC-MS	as above
Heptachlor	N/A	<0.100 ppm	GC-MS	as above
Hexachlorbenzene	N/A			

Authorized by  03/15/2019
Gunat Weerasekera, Ph.D. / Lab Director

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Customer	Natural Leaf CBD	Date Received	3/15/2019
Address	795 Gore Trail Edwards, CO 81632	Condition	Good
		Temp	Ambient
Sample Name	1000mg	PO #	
	LF1000-001 EXP 8/20	Remarks	
Sample Lot #	CONO1922LF1000		

Analysis	Specification	Test Result	Test Method	Test Date
Hexachlorocyclohexane	N/A	<0.025 ppm	GC-MS	as above
Lindane	N/A	<0.250 ppm	GC-MS	as above
Malaoxon	N/A	<0.100 ppm	GC-MS	as above
Malathion	N/A	<0.250 ppm	GC-MS	as above
Mecarbam	N/A	<0.500 ppm	GC-MS	as above
Methacrifos	N/A	<0.025 ppm	GC-MS	as above
Methamidophos	N/A	<0.005 ppm	GC-MS	as above
Methidathion	N/A	<0.100 ppm	GC-MS	as above
Methoxychlor	N/A	<2.000 ppm	GC-MS	as above
Parathion-ethyl	N/A	<1.000 ppm	GC-MS	as above
Mirex	N/A	<1.000 ppm	GC-MS	as above
Monocrotophos	N/A	<0.050 ppm	GC-MS	as above
Omethoate	N/A	<0.500 ppm	GC-MS	as above
Paraoxon-ethyl	N/A	<0.025 ppm	GC-MS	as above
Paraoxon	N/A	<2.000 ppm	GC-MS	as above
Parathion-methyl	N/A	<1.000 ppm	GC-MS	as above
Pendimethalin	N/A	<1.000 ppm	GC-MS	as above
Pentachloranisol	N/A	<0.025 ppm	GC-MS	as above
Permethrin	N/A	<0.025 ppm	GC-MS	as above
Phosalone	N/A	<2.000 ppm	GC-MS	as above
Phosmet	N/A	<0.500 ppm	GC-MS	as above
Piperonylbutoxide	N/A	<1.000 ppm	GC-MS	as above
Pirimiphos-ethyl	N/A	<0.050 ppm	GC-MS	as above
Pirimiphos-methyl	N/A	<0.250 ppm	GC-MS	as above
Procymidone	N/A	<1.000 ppm	GC-MS	as above
Profenophos	N/A	<2.000 ppm	GC-MS	as above
Prothiophos	N/A	<0.500 ppm	GC-MS	as above
Pyrethrum	N/A	<0.250 ppm	GC-MS	as above
Quinalphos	N/A	<0.500 ppm	GC-MS	as above
Quintozene	N/A	<1.000 ppm	GC-MS	as above
S-421	N/A	<0.500 ppm	GC-MS	as above
Tecnazene	N/A	<0.100 ppm	GC-MS	as above
Tetradifon	N/A	<0.250 ppm	GC-MS	as above
Vinclozolin	N/A	<1.000 ppm	GC-MS	as above
Cannabinoids				
Cannabidiol (CBD)	N/A	1076.8mg / 30mL	HPLC/UPLC	03/07/2019
Cannabidivarin (CBDV)	N/A	Not Detected	HPLC/UPLC	as above
Cannabidivarinic Acid (CBVA)	N/A	Not Detected	HPLC/UPLC	as above

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CoA # 19030515A
CoA Date 03/15/2019
CoA Status Final

CERTIFICATE OF ANALYSIS

Customer	Natural Leaf CBD	Date Received	3/15/2019
Address	795 Gore Trail Edwards, CO 81632	Condition	Good
		Temp	Ambient
Sample Name	1000mg	PO #	
	LF1000-001 EXP 8/20	Remarks	
Sample Lot #	CONO1922LF1000		

Analysis	Specification	Test Result	Test Method	Test Date
Cannabidiolic Acid (CBDA)	N/A	Not Detected	HPLC/UPLC	as above
Cannabigerol (CBG)	N/A	Not Detected	HPLC/UPLC	as above
Cannabinol (CBN)	N/A	Not Detected	HPLC/UPLC	as above
Tetrahydrocannabinol (THC)	N/A	Not Detected	HPLC/UPLC	as above
delta-8-Tetrahydrocannabinol	N/A	Not Detected	HPLC/UPLC	as above
Cannabichromene (CBC)	N/A	Not Detected	HPLC/UPLC	as above
Tetrahydrocannabinolic (THCA)	N/A	Not Detected	HPLC/UPLC	as above
Residual Solvents				03/14/2019
Methanol	N/A	Pass <3000 ppm	USP 37<467>	as above
Acetonitrile	N/A	Pass <410 ppm	USP 37<467>	as above
Dichloromethane	N/A	Pass <600 ppm	USP 37<467>	as above
trans-1, 2-Dichloroethene	N/A	Pass <1870 ppm	USP 37<467>	as above
cis-1, 2-Dichloroethene	N/A	Pass <1870 ppm	USP 37<467>	as above
Tetrahydrofuran	N/A	Pass <720 ppm	USP 37<467>	as above
Cyclohexane	N/A	Pass <3880 ppm	USP 37<467>	as above
Methylcyclohexane	N/A	Pass <1180 ppm	USP 37<467>	as above
1,4-Dioxane	N/A	Pass <380 ppm	USP 37<467>	as above
Toulene	N/A	Pass <890 ppm	USP 37<467>	as above
Chlorobenzene	N/A	Pass <360 ppm	USP 37<467>	as above
Ethylbenzene	N/A	Pass <368.9 ppm	USP 37<467>	as above
m-Xylene	N/A	Pass <1302 ppm	USP 37<467>	as above
p-Xylene	N/A	Pass <368.9 ppm	USP 37	as above
o-Xylene	N/A	Pass <195.3 ppm	USP 37<467>	as above
n-Hexane	N/A	Pass <290 ppm	USP 37<467>	as above
Nitromethane	N/A	Pass <50 ppm	USP 37<467>	as above
Chloroform	N/A	Pass <60 ppm	USP 37<467>	as above
1,2-Dimethoxyethane	N/A	Pass <100 ppm	USP 37<467>	as above
Trichloroethene	N/A	Pass <80 ppm	USP 37<467>	as above
Pyridine	N/A	Pass <200 ppm	USP 37<467>	as above
2-Hexanone	N/A	Pass <50 ppm	USP 37<467>	as above
Tetraline	N/A	Pass <100 ppm	USP 37<467>	as above
Ethanol	N/A	Pass <5000 ppm	USP 37<467>	as above
Terpenes				03/11/2019
alpha-Pinene	N/A	Not Detected	GC	as above
Camphene	N/A	Not Detected	GC	as above
Beta-Myrcene	N/A	Not Detected	GC	as above
Beta-Pinene	N/A	Not Detected	GC	as above

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CERTIFICATE OF ANALYSIS

Customer	Natural Leaf CBD	Date Received	3/15/2019
Address	795 Gore Trail Edwards, CO 81632	Condition	Good
		Temp	Ambient
Sample Name	1000mg	PO #	
	LF1000-001 EXP 8/20	Remarks	
Sample Lot #	CONO1922LF1000		

Analysis	Specification	Test Result	Test Method	Test Date
3-Carene	N/A	Not Detected	GC	as above
alpha-Terpinene	N/A	Not Detected	GC	as above
Ocimene	N/A	Not Detected	GC	as above
Limonen	N/A	Not Detected	GC	as above
P-Cymene	N/A	Not Detected	GC	as above
Beta-Ocimene	N/A	Not Detected	GC	as above
Eucalyptol	N/A	0.063mg / g	GC	as above
gamma-Terpinene	N/A	Not Detected	GC	as above
Terpinolene	N/A	Not Detected	GC	as above
Linalool	N/A	Not Detected	GC	as above
Isopulegol	N/A	Not Detected	GC	as above
Geraniol	N/A	Not Detected	GC	as above
Beta-Caryophyllene	N/A	0.025mg / g	GC	as above
alpha-Humulene	N/A	Not Detected	GC	as above
Nerolidol 1	N/A	Not Detected	GC	as above
Nerolidol 2	N/A	Not Detected	GC	as above
Guaiol	N/A	0.023mg / g	GC	as above
Caryophyllene oxide	N/A	0.023mg / g	GC	as above
alpha-Bisabolol	N/A	Not Detected	GC	as above
Heavy Metals				
Arsenic (As)	N/A	<0.198 ppm	ICP-MS (STP-021)	03/08/2019
Cadmium (Cd)	N/A	<0.0494 ppm	ICP-MS (STP-021)	as above
Mercury (Hg)	N/A	<0.0247 ppm	ICP-MS (STP-021)	as above
Lead (Pb)	N/A	<0.0494 ppm	ICP-MS (STP-021)	as above
Microbiological				
TPC	N/A	<10 cfu/g	AOAC 966.23	03/06/2019
Yeast	N/A	<10 cfu/g	FDA BAM Ch.18	as above
Mold	N/A	<10 cfu/g	FDA BAM Ch.18	as above
Coliforms	N/A	<10 cfu/g	AOAC 991.14	as above
E. coli	N/A	Negative / 10g	AOAC 991.14	as above
Salmonella	N/A	Negative / 10g	AOAC 989.13	as above

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CoA # 19030516A
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CoA Status Final

CERTIFICATE OF ANALYSIS

Customer	Natural Leaf CBD	Date Received	3/6/2019
Address	795 Gore Trail Edwards, CO 81632	Condition	Good
		Temp	Ambient
Sample Name	1500mg	PO #	
	LF1500-001 EXP 8/20	Remarks	
Sample Lot #	CONO1922LF1500		

Analysis	Specification	Test Result	Test Method	Test Date
Hexachlorocyclohexane	N/A	<0.025 ppm	GC-MS	as above
Lindane	N/A	<0.250 ppm	GC-MS	as above
Malaoxon	N/A	<0.100 ppm	GC-MS	as above
Malathion	N/A	<0.250 ppm	GC-MS	as above
Mecarbam	N/A	<0.500 ppm	GC-MS	as above
Methacrifos	N/A	<0.025 ppm	GC-MS	as above
Methamidophos	N/A	<0.005 ppm	GC-MS	as above
Methidathion	N/A	<0.100 ppm	GC-MS	as above
Methoxychlor	N/A	<2.000 ppm	GC-MS	as above
Parathion-ethyl	N/A	<1.000 ppm	GC-MS	as above
Mirex	N/A	<1.000 ppm	GC-MS	as above
Monocrotophos	N/A	<0.050 ppm	GC-MS	as above
Omethoate	N/A	<0.500 ppm	GC-MS	as above
Paraaxon-ethyl	N/A	<0.025 ppm	GC-MS	as above
Paraaxon	N/A	<2.000 ppm	GC-MS	as above
Parathion-methyl	N/A	<1.000 ppm	GC-MS	as above
Pendimethalin	N/A	<1.000 ppm	GC-MS	as above
Pentachloranisole	N/A	<0.025 ppm	GC-MS	as above
Permethrin	N/A	<0.025 ppm	GC-MS	as above
Phosalone	N/A	<2.000 ppm	GC-MS	as above
Phosmet	N/A	<0.500 ppm	GC-MS	as above
Piperonylbutoxide	N/A	<1.000 ppm	GC-MS	as above
Pirimiphos-ethyl	N/A	<0.050 ppm	GC-MS	as above
Pirimiphos-methyl	N/A	<0.250 ppm	GC-MS	as above
Procymidone	N/A	<1.000 ppm	GC-MS	as above
Profenophos	N/A	<2.000 ppm	GC-MS	as above
Prothiophos	N/A	<0.500 ppm	GC-MS	as above
Pyrethrum	N/A	<0.250 ppm	GC-MS	as above
Quinalphos	N/A	<0.500 ppm	GC-MS	as above
Quintozene	N/A	<1.000 ppm	GC-MS	as above
S-421	N/A	<0.500 ppm	GC-MS	as above
Tecnazene	N/A	<0.100 ppm	GC-MS	as above
Tetradifon	N/A	<0.250 ppm	GC-MS	as above
Vinclozolin	N/A	<1.000 ppm	GC-MS	as above
Cannabinoids				
Cannabidiol (CBD)	N/A	1599.0mg / 30mL	HPLC/UPLC	03/07/2019
Cannabidiol (CBDV)	N/A	Not Detected	HPLC/UPLC	as above
Cannabidiol (CBVA)	N/A	Not Detected	HPLC/UPLC	as above

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Customer	Natural Leaf CBD	Date Received	3/6/2019
Address	795 Gore Trail Edwards, CO 81632	Condition	Good
		Temp	Ambient
Sample Name	1500mg	PO #	
	LF1500-001 EXP 8/20	Remarks	
Sample Lot #	CONO1922LF1500		

Analysis	Specification	Test Result	Test Method	Test Date
Cannabidiolic Acid (CBDA)	N/A	Not Detected	HPLC/UPLC	as above
Cannabigerol (CBG)	N/A	Not Detected	HPLC/UPLC	as above
Cannabinol (CBN)	N/A	Not Detected	HPLC/UPLC	as above
Tetrahydrocannabinol (THC)	N/A	Not Detected	HPLC/UPLC	as above
delta-8-Tetrahydrocannabinol	N/A	Not Detected	HPLC/UPLC	as above
Cannabichromene (CBC)	N/A	Not Detected	HPLC/UPLC	as above
Tetrahydrocannabinolic (THCA)	N/A	Not Detected	HPLC/UPLC	as above
Residual Solvents				03/14/2019
Methanol	N/A	Pass <3000 ppm	USP 37<467>	as above
Acetonitrile	N/A	Pass <410 ppm	USP 37<467>	as above
Dichloromethane	N/A	Pass <600 ppm	USP 37<467>	as above
trans-1, 2-Dichloroethene	N/A	Pass <1870 ppm	USP 37<467>	as above
cis-1, 2-Dichloroethene	N/A	Pass <1870 ppm	USP 37<467>	as above
Tetrahydrofuran	N/A	Pass <720 ppm	USP 37<467>	as above
Cyclohexane	N/A	Pass <3880 ppm	USP 37<467>	as above
Methylcyclohexane	N/A	Pass <1180 ppm	USP 37<467>	as above
1,4-Dioxane	N/A	Pass <380 ppm	USP 37<467>	as above
Toulene	N/A	Pass <890 ppm	USP 37<467>	as above
Chlorobenzene	N/A	Pass <360 ppm	USP 37<467>	as above
Ethylbenzene	N/A	Pass <368.9 ppm	USP 37<467>	as above
m-Xylene	N/A	Pass <1302 ppm	USP 37<467>	as above
p-Xylene	N/A	Pass <368.9 ppm	USP 37	as above
o-Xylene	N/A	Pass <195.3 ppm	USP 37<467>	as above
n-Hexane	N/A	Pass <290 ppm	USP 37<467>	as above
Nitromethane	N/A	Pass <50 ppm	USP 37<467>	as above
Chloroform	N/A	Pass <60 ppm	USP 37<467>	as above
1,2-Dimethoxyethane	N/A	Pass <100 ppm	USP 37<467>	as above
Trichloroethene	N/A	Pass <80 ppm	USP 37<467>	as above
Pyridine	N/A	Pass <200 ppm	USP 37<467>	as above
2-Hexanone	N/A	Pass <50 ppm	USP 37<467>	as above
Tetraline	N/A	Pass <100 ppm	USP 37<467>	as above
Ethanol	N/A	Pass <5000 ppm	USP 37<467>	as above
Terpenes				03/11/2019
alpha-Pinene	N/A	Not Detected	GC	as above
Camphene	N/A	Not Detected	GC	as above
Beta-Myrcene	N/A	Not Detected	GC	as above
Beta-Pinene	N/A	Not Detected	GC	as above

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CERTIFICATE OF ANALYSIS

Customer	Natural Leaf CBD	Date Received	3/6/2019
Address	795 Gore Trail Edwards, CO 81632	Condition	Good
		Temp	Ambient
Sample Name	1500mg	PO #	
	LF1500-001 EXP 8/20	Remarks	
Sample Lot #	CONO1922LF1500		

Analysis	Specification	Test Result	Test Method	Test Date
3-Carene	N/A	Not Detected	GC	as above
alpha-Terpinene	N/A	Not Detected	GC	as above
Ocimene	N/A	Not Detected	GC	as above
Limonen	N/A	Not Detected	GC	as above
P-Cymene	N/A	Not Detected	GC	as above
Beta-Ocimene	N/A	Not Detected	GC	as above
Eucalyptol	N/A	0.009mg / g	GC	as above
gamma-Terpinene	N/A	Not Detected	GC	as above
Terpinolene	N/A	Not Detected	GC	as above
Linalool	N/A	Not Detected	GC	as above
Isopulegol	N/A	Not Detected	GC	as above
Geraniol	N/A	Not Detected	GC	as above
Beta-Caryophyllene	N/A	0.070mg / g	GC	as above
alpha-Humulene	N/A	Not Detected	GC	as above
Nerolidol 1	N/A	Not Detected	GC	as above
Nerolidol 2	N/A	Not Detected	GC	as above
Guaiol	N/A	0.177mg / g	GC	as above
Caryophyllene oxide	N/A	0.092mg / g	GC	as above
alpha-Bisabolol	N/A	Not Detected	GC	as above
Heavy Metals				
Arsenic (As)	N/A	<0.199 ppm	ICP-MS (STP-021)	03/08/2019
Cadmium (Cd)	N/A	<0.0497 ppm	ICP-MS (STP-021)	as above
Mercury (Hg)	N/A	<0.0248 ppm	ICP-MS (STP-021)	as above
Lead (Pb)	N/A	>0.0497 ppm	ICP-MS (STP-021)	as above
Microbiological				
TPC	N/A	<10 cfu/g	AOAC 986.23	03/06/2019
Yeast	N/A	<10 cfu/g	FDA BAM Ch.18	as above
Mold	N/A	<10 cfu/g	FDA BAM Ch.18	as above
Coliforms	N/A	<10 cfu/g	AOAC 991.14	as above
E. coli	N/A	Negative / 10g	AOAC 991.14	as above
Salmonella	N/A	Negative / 10g	AOAC 989.13	as above

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