

CERTIFICATE OF ANALYSIS



1777 SUN PEAK DRIVE
PARK CITY, UT 84098

Solaray Leaf Therapeutics Hemp Oil Pain Blend, Trial

Product: 29757

Packaged Lot: 233005

Production Date: 30-May-2019

Pill Lot: 91169967

Pills Used: 49,000

Pouches Produced: 24,500

Solvent Used: None, Cold Pressed or Supercritical CO2 Extraction

	Analysis	Specification	Result	Method
Active	Cannabidiol	15 mg/pill	16.76 mg/pill	HPLC
	Tetrahydrocannabinol	Less than 0.3 %	0.103%	HPLC
	<i>*Testing done by Eurofins BioDiagnostics, River Falls, WI</i>			
Heavy Metals	Arsenic	< 1.00 ppm	0.02 ppm	ICP-MS
	Cadmium	< 0.30 ppm	<0.01 ppm	ICP-MS
	Lead	< 1.00 ppm	0.01 ppm	ICP-MS
	Mercury	< 0.10 ppm	<0.01 ppm	ICP-MS
	<i>*Testing done by Nutri-Biome, Ogden, Utah</i>			
Microbiological	Total Plate Count	< 1,000,000 CFU/g	<100 CFU/g	USP 61
	Mold	<5,000 CFU/g	<100 CFU/g	USP 61
	Yeast	<5,000 CFU/g	<100 CFU/g	USP 61
	Coliform	< 10 CFU/g	<10 CFU/g	AOAC 991.14
	E. coli	< 10 CFU/g	Negative	AOAC 991.14
	Enterobacteriaceae	< 10 CFU/g	Negative	AOAC 2003.01
	Staph	< 10 CFU/g	Negative	USP 61
	<i>*Testing done by Great Basin Laboratory, Ogden, Utah</i>			
Pesticides	Glyphosate	Meets USP 561	Meets USP 561	LC/MS/MS
	Hemp Screen	Meets USP 561	Meets USP 561	GC-MS or LC-MS
	<i>*Testing done by Eurofins Food Chemistry Testing US, Inc., Greenfield, Indiana And TUV India Private, Pune, Maharashtra, India</i>			

*Please see the following pages for the Certificates of Analysis from the 3rd party laboratories.

Approved by:

Joel Tippets, VP - Quality

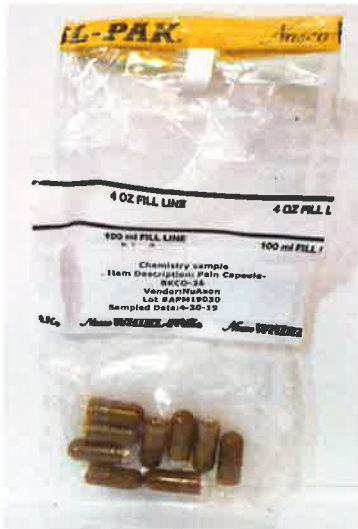
Certificate of Analysis

507 Highland Drive
 River Falls, WI, 54022
 Phone: (715) 426-0246
 Fax: (715) 426-0251
 www.eurofinsus.com/biodiagnostics

Customer Name: NuAxon Bioscience, Inc
Office: Bloomfield, IN
Street Address: PO Box 353
City, State, Zip: Bloomfield, IN 47424
Phone:

Date Reported: 05/01/2019
Date Completed: 05/01/2019
Date Received: 05/01/2019
Testing Method: HPLC-DAD

Sample Information	Cannabinoid Name	ID	Weight %	Conc. mg/g	Conc. mg/capsule
Sample No: 119071211	Cannabichromenic Acid	CBCA	ND	ND	ND
Crop: Hemp, Industrial	Cannabicyclol	CBL	ND	ND	ND
Variety: BKCO-36	Cannabidiol	CBD	3.048	30.48	16.76
Lot: APM19030	Cannabidiolic Acid	CBDA	ND	ND	ND
Seed Size:	Cannabidivarin	CBDV	ND	ND	ND
Customer Tracking#: Fill weight: 550mg	Cannabidivarinic Acid	CBDVA	ND	ND	ND
Seeds Per Pound:	Cannabigerol	CBG	ND	ND	ND
Batch:	Cannabigerolic Acid	CBGA	ND	ND	ND
LIMS:	Cannabichromene	CBC	0.104	1.04	0.57
IL:	Cannabinol	CBN	ND	ND	ND
Comments: (Rush)	Cannabinolic Acid	CBNA	ND	ND	ND
	Δ^9 -Tetrahydrocannabinol	Δ^9 -THC	0.103	1.03	0.57
	Δ^8 -Tetrahydrocannabinol	Δ^8 -THC	ND	ND	ND
	Tetrahydrocannabinolic Acid A	THCA-A	ND	ND	ND
	Tetrahydrocannabivarin	THCV	ND	ND	ND
	Tetrahydrocannabivarinic Acid	THCVA	ND	ND	ND
	Total Cannabinoids		3.256	32.56	17.91
	Total THC*		0.103	1.03	0.57
	Total CBD**		3.048	30.48	16.76



*Total THC is calculated as the sum of Δ^9 -THC + Δ^8 -THC + (THCA-A * 0.877) + THCV + (THCV-A * 0.877).

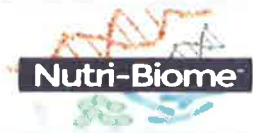
**Total CBD is calculated as the sum of CBD + CBDV + (CBDA * 0.877) + (CBDVA * 0.877).

Eurofins BioDiagnostics, Inc. warrants that it uses due care when performing tests for its customers. However, testing results are only reflective of the sample submitted by the customer. Eurofins BioDiagnostics, Inc. does not warrant the sample is representative of the seed lot from which the sample is drawn. Except for the testing services provided, Eurofins BioDiagnostics, Inc. makes no warranties or guarantees of any kind, expressed or implied, with respect to the services rendered.



Joseph Zalusky

Joseph Zalusky
 Approved Chemist, Gas Chromatography
 American Oil Chemists' Society (AOCS)



ANALYTICAL REPORT

Nutri-Biome 1877 W. 2800 S., Ogden UT, 84401 801-564-3233

Nutraceutical Corporation
550 West 2nd Street
Ogden, UT 84404

Report Date: 5/10/2019
Date Recieved: 5/10/2019
Purchase Order: NV7000061
Lab Number: 1117
Project Manager: Patty Vine

Analytical Results

Sample Number: 1117-02

Description: CBD 15mg Pain (BKCO-36)

Lot Number: S201259.4

Test	Method	Result	Units
Arsenic	ICP-MS	0.02	ppm
Cadmium	ICP-MS	<0.01	ppm
Lead	ICP-MS	0.01	ppm
Mercury	ICP-MS	<0.01	ppm

These results apply only to the submitted sample and not to the material from which it was taken. This report is confidential and is for the sole use of the addressee. This report shall not be reproduced, except in its entirety, without the written approval from Nutri-Biome.

Approved By: _____

Patty Vine

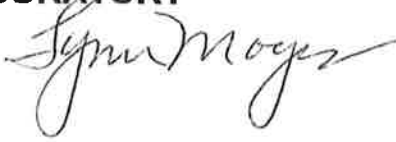
GREAT BASIN LABORATORY

Lynn V. Moyes

4291 West 2350 North

Ogden, UT 84404

Ph: 801-540-3645



DATE: 10 May 2019

PRODUCT: CBD 15mg Pain (BKCO-36)

LOT NO: s201259.5

TESTS RUN

RESULTS (CFU/gm) METHODOLOGY

Total Count	<100	USP 61
Coliform Count	<10	AOAC991.14
<i>E. coli</i>	Negative	AOAC991.14
Yeast Count	<100	USP 61
Mold Count	<100	USP 61
<i>Staphylococcus aureus</i>	Negative	USP 61
<i>Enterobacteriaceae</i>	Negative	AOAC 2003.01

Certificate of Analysis

Sustainable Labs Inc

1777 Sun Peak Dr
Park City Utah 84098 United States

Sample Name:	CBD 15mg Pain	Eurofins Sample:	8444424
Project ID	SUSTAIN_LA-20190513-0061	Receipt Date	13-May-2019
PO Number	NV7000015	Receipt Condition	Ambient temperature
Lot Number	s201259.2	Login Date	13-May-2019
Sample Serving Size		Date Started	14-May-2019
Description	BKCO 36		

Analysis	Result
Glyphosate and AMPA *	
Glyphosate	<100.0 ng/g
AMPA	<100.0 ng/g
Multi-Residue Analysis for hemp products - 500+ compounds	
Matrix Type - To Determine Limit of Quantification (LOQ)	High-Fat Food Matrices
Abamectin	<0.05 mg/kg
Acephate	<0.05 mg/kg
Acetamiprid	<0.05 mg/kg
Acetochlor	<0.05 mg/kg
Acibenzolar-S-methyl	non-analyzable
Aclonifen	<0.05 mg/kg
Acrinathrin	<0.05 mg/kg
Alachlor	<0.05 mg/kg
Aldicarb	<0.05 mg/kg
Aldicarb sulfone (Aldoxycarb)	<0.05 mg/kg
Aldicarb sulfoxide	<0.05 mg/kg
Aldrin	<0.05 mg/kg
Allethrin	non-analyzable
Ametryn	<0.05 mg/kg
Amidosulfuron	<0.05 mg/kg
Aminocarb	<0.05 mg/kg
Amitraz metabolite DMF	<0.05 mg/kg
Amitraz metabolite DMPF	<0.05 mg/kg
Anilofos	<0.05 mg/kg
Atrazine	<0.05 mg/kg
Azaconazole	<0.05 mg/kg
Azamethiphos	<0.05 mg/kg
Azinphos-ethyl	<0.05 mg/kg
Azinphos-methyl	<0.05 mg/kg
Azoxystrobin	<0.05 mg/kg
Beflubutamid	non-analyzable
Benalaxyl	<0.05 mg/kg
Bendiocarb	<0.05 mg/kg
Benfluralin	<0.05 mg/kg
Benoxacor	<0.05 mg/kg

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Project ID	SUSTAIN_LA-20190513-0061	Receipt Date	13-May-2019
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Lot Number	s201259.2	Login Date	13-May-2019
Sample Serving Size		Date Started	14-May-2019
Description	BKCO 36		

Analysis	Result
Multi-Residue Analysis for hemp products - 500+ compounds	
Benzoximate	<0.05 mg/kg
Bifenazate	<0.05 mg/kg
Bifenox	<0.05 mg/kg
Bifenthrin	non-analyzable
Bispyribac	<0.05 mg/kg
Bitertanol	<0.05 mg/kg
Bixafen	<0.05 mg/kg
Boscalid	<0.05 mg/kg
Bromacil	<0.05 mg/kg
Bromophos-ethyl	<0.05 mg/kg
Bromophos-methyl	<0.05 mg/kg
Bromopropylate	<0.05 mg/kg
Bromuconazole (2 diastereoisomers)	<0.05 mg/kg
Bupirimate	<0.05 mg/kg
Buprofezin	<0.05 mg/kg
Butachlor	<0.05 mg/kg
Butafenacil	<0.05 mg/kg
Butocarboxim	<0.05 mg/kg
Butocarboxim sulfoxide	<0.05 mg/kg
Butoxycarboxim	<0.05 mg/kg
Butylate	<0.05 mg/kg
Cadusafos	<0.05 mg/kg
Carbaryl	<0.05 mg/kg
Carbendazim	<0.05 mg/kg
Carbetamide	<0.05 mg/kg
Carbofuran	<0.05 mg/kg
Carbofuran-3-hydroxy-	<0.05 mg/kg
Carbophenothion	<0.05 mg/kg
Carboxin	<0.05 mg/kg
Carfentrazone-ethyl	<0.05 mg/kg
Chlorantraniliprole	0.016 mg/kg
Chlorbromuron	<0.05 mg/kg
Chlordane, cis-	<0.05 mg/kg
Chlordane, trans-	<0.05 mg/kg

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Project ID	SUSTAIN_LA-20190513-0061	Receipt Date	13-May-2019
PO Number	NV7000015	Receipt Condition	Ambient temperature
Lot Number	s201259.2	Login Date	13-May-2019
Sample Serving Size		Date Started	14-May-2019
Description	BKCO 36		

Analysis	Result
Multi-Residue Analysis for hemp products - 500+ compounds	
Chlordimeform	<0.05 mg/kg
Chlorfenapyr	<0.05 mg/kg
Chlorfenvinphos (E- and Z-isomers)	<0.05 mg/kg
Chloridazon (Pyrazon)	<0.05 mg/kg
Chlorimuron-ethyl (Classic)	<0.05 mg/kg
Chlorobenzilate	<0.05 mg/kg
Chlorotoluron (Chlortoluron)	<0.05 mg/kg
Chloroxuron	<0.05 mg/kg
Chlorpropham (CIPC)	<0.05 mg/kg
Chlorpyrifos	<0.05 mg/kg
Chlorpyrifos-methyl	<0.05 mg/kg
Chlorsulfuron	<0.05 mg/kg
Clethodim (E- and Z-isomers)	<0.05 mg/kg
Clodinafop-propargyl	<0.05 mg/kg
Clofentezine	<0.05 mg/kg
Clomazone	<0.05 mg/kg
Cloquintocet-mexyl	<0.05 mg/kg
Clothianidin	<0.05 mg/kg
Coumaphos	<0.05 mg/kg
Cyanazine	<0.05 mg/kg
Cyanofenphos	<0.05 mg/kg
Cyazofamid	<0.05 mg/kg
Cycloate	<0.05 mg/kg
Cycloxydim	<0.05 mg/kg
Cycluron	<0.05 mg/kg
Cyflufenamid	non-analyzable
Cyfluthrin	<0.05 mg/kg
Cymiazole	<0.05 mg/kg
Cymoxanil	<0.05 mg/kg
Cypermethrin	<0.05 mg/kg
Cyproconazole (2 diastereoisomers)	<0.05 mg/kg
Cyprodinil	<0.05 mg/kg
Cyromazine	<0.05 mg/kg
Dacthal (Chlorthal-dimethyl, DCPA)	<0.05 mg/kg

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PO Number	NV7000015	Receipt Condition	Ambient temperature
Lot Number	s201259.2	Login Date	13-May-2019
Sample Serving Size		Date Started	14-May-2019
Description	BKCO 36		

Analysis	Result
Multi-Residue Analysis for hemp products - 500+ compounds	
DDD, o,p'-	<0.05 mg/kg
DDD, p,p'-	<0.05 mg/kg
DDE, o,p'-	<0.05 mg/kg
DDE, p,p'-	<0.05 mg/kg
DDT, o,p'-	<0.05 mg/kg
DDT, p,p'-	<0.05 mg/kg
DEET (Diethyltoluamide)	<0.05 mg/kg
Deltamethrin	<0.05 mg/kg
Demeton-O	<0.05 mg/kg
Demeton-S	<0.05 mg/kg
Demeton-S-methyl	<0.05 mg/kg
Demeton-S-methyl sulfone	<0.05 mg/kg
Desmedipham	<0.05 mg/kg
Dialifos (Dialifor)	<0.05 mg/kg
Diazinon	<0.05 mg/kg
Diazinon oxon	<0.05 mg/kg
Dichlobenil	<0.05 mg/kg
Dichlofenthion	<0.05 mg/kg
Dichlofluanid	<0.05 mg/kg
Dichlorvos	<0.05 mg/kg
Diclobutrazol	<0.05 mg/kg
Diclocymet (2 diastereoisomers)	non-analyzable
Dicloran (DCNA)	<0.05 mg/kg
Dicrotophos	<0.05 mg/kg
Dieldrin	<0.05 mg/kg
Diethofencarb	<0.05 mg/kg
Difenoconazole (cis- and trans-)	<0.05 mg/kg
Diflubenzuron	non-analyzable
Diflufenican	<0.05 mg/kg
Dimethachlor	<0.05 mg/kg
Dimethametryn	<0.05 mg/kg
Dimethenamid	<0.05 mg/kg
Dimethoate	<0.05 mg/kg
Dimethomorph (E- and Z-isomers)	<0.05 mg/kg

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Sample Name:	CBD 15mg Pain	Eurofins Sample:	8444424
Project ID	SUSTAIN_LA-20190513-0061	Receipt Date	13-May-2019
PO Number	NV7000015	Receipt Condition	Ambient temperature
Lot Number	s201259.2	Login Date	13-May-2019
Sample Serving Size		Date Started	14-May-2019
Description	BKCO 36		

Analysis	Result
Multi-Residue Analysis for hemp products - 500+ compounds	
Dimetilan	<0.05 mg/kg
Dimoxystrobin	<0.05 mg/kg
Diniconazole	non-analyzable
Dinitramine	<0.05 mg/kg
Dinotefuran	<0.05 mg/kg
Dioxacarb	<0.05 mg/kg
Diphenamid	<0.05 mg/kg
Diphenylamine	0.053 mg/kg
Dipropetryn	<0.05 mg/kg
Disulfoton	<0.05 mg/kg
Disulfoton sulfone	<0.05 mg/kg
Disulfoton sulfoxide	<0.05 mg/kg
DMST (Dimethylaminosulfotoluidide)	<0.05 mg/kg
Dodemorph (cis- and trans-)	<0.05 mg/kg
Dodine	<0.05 mg/kg
Enamectin benzoate	<0.05 mg/kg
Endosulfan I (alpha-isomer)	<0.05 mg/kg
Endosulfan II (beta-isomer)	<0.05 mg/kg
Endosulfan sulfate	<0.05 mg/kg
EPN	<0.05 mg/kg
Epoxiconazole	<0.05 mg/kg
Ethaboxam	<0.05 mg/kg
Ethalfuralin	<0.05 mg/kg
Ethidimuron (Sulfadiazole)	<0.05 mg/kg
Ethiofencarb	<0.05 mg/kg
Ethiofencarb sulfone	<0.05 mg/kg
Ethiofencarb sulfoxide	<0.05 mg/kg
Ethion	<0.05 mg/kg
Ethiprole	<0.05 mg/kg
Ethirimol	<0.05 mg/kg
Ethofumesate	non-analyzable
Ethoprophos (Ethoprop)	<0.05 mg/kg
Etofenprox	<0.05 mg/kg
Etoazole	<0.05 mg/kg

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Project ID	SUSTAIN_LA-20190513-0061	Receipt Date	13-May-2019
PO Number	NV7000015	Receipt Condition	Ambient temperature
Lot Number	s201259.2	Login Date	13-May-2019
Sample Serving Size		Date Started	14-May-2019
Description	BKCO 36		

Analysis	Result
Multi-Residue Analysis for hemp products - 500+ compounds	
Etrimfos	<0.05 mg/kg
Famoxadone	<0.05 mg/kg
Fenamidone	<0.05 mg/kg
Fenamiphos	<0.05 mg/kg
Fenamiphos sulfone	<0.05 mg/kg
Fenamiphos sulfoxide	<0.05 mg/kg
Fenarimol	<0.05 mg/kg
Fenazaquin	<0.05 mg/kg
Fenbuconazole	<0.05 mg/kg
Fenbutatin oxide	<0.05 mg/kg
Fenchlorphos (Ronne)	<0.05 mg/kg
Fenchlorphos oxon	<0.05 mg/kg
Fenhexamid	<0.05 mg/kg
Fenitrothion	<0.05 mg/kg
Fenobucarb	<0.05 mg/kg
Fenoxanil (sum of isomers)	<0.05 mg/kg
Fenoxycarb	<0.05 mg/kg
Fenpropathrin	<0.05 mg/kg
Fenpropidin	<0.05 mg/kg
Fenpropimorph	<0.05 mg/kg
Fenpyroximate	<0.05 mg/kg
Fensulfothion	<0.05 mg/kg
Fensulfothion oxon	<0.05 mg/kg
Fensulfothion oxon sulfone	<0.05 mg/kg
Fensulfothion sulfone	<0.05 mg/kg
Fenthion	<0.05 mg/kg
Fenthion oxon	<0.05 mg/kg
Fenthion oxon sulfone	<0.05 mg/kg
Fenthion oxon sulfoxide	<0.05 mg/kg
Fenthion sulfone	<0.05 mg/kg
Fenthion sulfoxide	<0.05 mg/kg
Fentin	<0.05 mg/kg
Fentrazamide	<0.05 mg/kg
Fenuron	<0.05 mg/kg

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PO Number	NV7000015	Receipt Condition	Ambient temperature
Lot Number	s201259.2	Login Date	13-May-2019
Sample Serving Size		Date Started	14-May-2019
Description	BKCO 36		

Analysis	Result
Multi-Residue Analysis for hemp products - 500+ compounds	
Fenvalerate/Esfenvalerate (sum of isomers)	<0.05 mg/kg
Fipronil	<0.05 mg/kg
Fipronil desulfinyl	<0.05 mg/kg
Fipronil sulfone	<0.05 mg/kg
Flazasulfuron	<0.05 mg/kg
Fonicamid	<0.05 mg/kg
Fluazifop-butyl	<0.05 mg/kg
Flucythrinate (sum of isomers)	<0.05 mg/kg
Fludioxonil	<0.05 mg/kg
Flufenacet	<0.05 mg/kg
Flufenoxuron	<0.05 mg/kg
Flumetsulam	<0.05 mg/kg
Flumioxazin	<0.05 mg/kg
Fluometuron	<0.05 mg/kg
Flupicolide	<0.05 mg/kg
Fluopyram	<0.05 mg/kg
Fluxastrobin	<0.05 mg/kg
Fluquinconazole	<0.05 mg/kg
Fluridone	<0.05 mg/kg
Flusilazole	<0.05 mg/kg
Flutolanil	<0.05 mg/kg
Flutriafol	<0.05 mg/kg
Fluvalinate tau- (sum of isomers)	<0.05 mg/kg
Fonofos	<0.05 mg/kg
Foramsulfuron	<0.05 mg/kg
Forchlorfenuron	<0.05 mg/kg
Formetanate hydrochloride	<0.05 mg/kg
Formothion	<0.05 mg/kg
Fosthiazate (sum of isomers)	<0.05 mg/kg
Fuberidazole	<0.05 mg/kg
Furalaxyl	<0.05 mg/kg
Furathiocarb	<0.05 mg/kg
Griseofulvin	0.013 mg/kg
Halofenozide	non-analyzable

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PO Number	NV7000015	Receipt Condition	Ambient temperature
Lot Number	s201259.2	Login Date	13-May-2019
Sample Serving Size		Date Started	14-May-2019
Description	BKCO 36		

Analysis	Result
Multi-Residue Analysis for hemp products - 500+ compounds	
Halosulfuron-methyl	<0.05 mg/kg
Haloxypop-methyl	<0.05 mg/kg
HCH, alpha- (alpha-BHC)	<0.05 mg/kg
HCH, beta- (beta-BHC)	<0.05 mg/kg
HCH, delta- (delta-BHC)	<0.05 mg/kg
Heptachlor	<0.05 mg/kg
Heptachlor endo-epoxide	<0.05 mg/kg
Heptachlor exo-epoxide	<0.05 mg/kg
Hexachlorobenzene (HCB)	<0.05 mg/kg
Hexaconazole	<0.05 mg/kg
Hexaflumuron	<0.05 mg/kg
Hexazinone	<0.05 mg/kg
Hexythiazox	<0.05 mg/kg
Hydramethylnon	<0.05 mg/kg
Hydroprene, S- (sum of isomers)	<0.05 mg/kg
Imazalil	non-analyzable
Imazamethabenz-methyl	<0.05 mg/kg
Imazethapyr	<0.05 mg/kg
Imidacloprid	<0.05 mg/kg
Indoxacarb	<0.05 mg/kg
Ipconazole	<0.05 mg/kg
Iprovalicarb	non-analyzable
Isocarbamid	<0.05 mg/kg
Isocarbophos	<0.05 mg/kg
Isufenphos	<0.05 mg/kg
Isufenphos-methyl	<0.05 mg/kg
Isoprocarb	<0.05 mg/kg
Isoprothiolane	<0.05 mg/kg
Isoproturon	<0.05 mg/kg
Isoxaben	<0.05 mg/kg
Isxadifen-ethyl	<0.05 mg/kg
Isoxaflutole	<0.05 mg/kg
Isoxathion	non-analyzable
Kresoxim-methyl	<0.05 mg/kg

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Sample Serving Size		Date Started	14-May-2019
Description	BKCO 36		

Analysis	Result
Multi-Residue Analysis for hemp products - 500+ compounds	
Lactofen	<0.05 mg/kg
Lenacil	<0.05 mg/kg
Lindane (gamma-HCH, gamma-BHC)	<0.05 mg/kg
Linuron	<0.05 mg/kg
Lufenuron	<0.05 mg/kg
Malaoxon	<0.05 mg/kg
Malathion	<0.05 mg/kg
Mandipropamid	<0.05 mg/kg
Mecarbam	<0.05 mg/kg
Mepaniprim	<0.05 mg/kg
Mepaniprim-2-hydroxypropyl	<0.05 mg/kg
Mephosfolan	<0.05 mg/kg
Mesosulfuron-methyl	<0.05 mg/kg
Metaflumizone	non-analyzable
Metalaxyl	<0.05 mg/kg
Metamitron	<0.05 mg/kg
Metazachlor	<0.05 mg/kg
Metconazole	<0.05 mg/kg
Methabenzthiazuron	<0.05 mg/kg
Methacrifos	<0.05 mg/kg
Methamidophos	<0.05 mg/kg
Methidathion	<0.05 mg/kg
Methiocarb	<0.05 mg/kg
Methiocarb sulfone	<0.05 mg/kg
Methiocarb sulfoxide	<0.05 mg/kg
Methomyl	<0.05 mg/kg
Methoprotryne	<0.05 mg/kg
Methoxychlor	<0.05 mg/kg
Methoxyfenozide	non-analyzable
Metobromuron	<0.05 mg/kg
Metolachlor	<0.05 mg/kg
Metolcarb	<0.05 mg/kg
Metosulam	<0.05 mg/kg
Metoxuron	<0.05 mg/kg

* This analysis or component is not ISO accredited.

Certificate of Analysis

Sustainable Labs Inc

1777 Sun Peak Dr
Park City Utah 84098 United States

Sample Name:	CBD 15mg Pain	Eurofins Sample:	8444424
Project ID	SUSTAIN_LA-20190513-0061	Receipt Date	13-May-2019
PO Number	NV7000015	Receipt Condition	Ambient temperature
Lot Number	s201259.2	Login Date	13-May-2019
Sample Serving Size		Date Started	14-May-2019
Description	BKCO 36		

Analysis	Result
Multi-Residue Analysis for hemp products - 500+ compounds	
Metrafenone	<0.05 mg/kg
Metribuzin	<0.05 mg/kg
Metsulfuron-methyl	<0.05 mg/kg
Mevinphos (E- and Z-isomers)	<0.05 mg/kg
Mexacarbate	<0.05 mg/kg
MGK 264 (sum of isomers)	<0.05 mg/kg
Mirex	<0.05 mg/kg
Molinate	<0.05 mg/kg
Monocrotophos	<0.05 mg/kg
Monolinuron	<0.05 mg/kg
Myclobutanil	<0.05 mg/kg
Naled (Dibrom)	<0.05 mg/kg
Naphthol, 1-	<0.05 mg/kg
Napropamide	<0.05 mg/kg
Neburon	<0.05 mg/kg
Nicosulfuron	<0.05 mg/kg
Nitenpyram	<0.05 mg/kg
Nitrofen	<0.05 mg/kg
Nonachlor, cis-	<0.05 mg/kg
Nonachlor, trans-	<0.05 mg/kg
Norflurazon	<0.05 mg/kg
Norflurazon-desmethyl	<0.05 mg/kg
Novaluron	<0.05 mg/kg
Nuarimol	<0.05 mg/kg
Ofurace	<0.05 mg/kg
Omethoate	<0.05 mg/kg
Oxadiazon	<0.05 mg/kg
Oxadixyl	<0.05 mg/kg
Oxamyl	<0.05 mg/kg
Oxamyl oxime	<0.05 mg/kg
Oxasulfuron	<0.05 mg/kg
Oxycarboxin	<0.05 mg/kg
Oxychlorane	<0.05 mg/kg
Oxydemeton-methyl	<0.05 mg/kg

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Certificate of Analysis

Sustainable Labs Inc

1777 Sun Peak Dr
Park City Utah 84098 United States

Sample Name:	CBD 15mg Pain	Eurofins Sample:	844424
Project ID	SUSTAIN_LA-20190513-0061	Receipt Date	13-May-2019
PO Number	NV7000015	Receipt Condition	Ambient temperature
Lot Number	s201259.2	Login Date	13-May-2019
Sample Serving Size		Date Started	14-May-2019
Description	BKCO 36		

Analysis	Result
Multi-Residue Analysis for hemp products - 500+ compounds	
Oxyfluorfen	<0.05 mg/kg
Paclbutrazol	<0.05 mg/kg
Paraoxon	<0.05 mg/kg
Paraoxon-methyl	<0.05 mg/kg
Parathion	<0.05 mg/kg
Parathion-methyl	<0.05 mg/kg
Penconazole	<0.05 mg/kg
Pencycuron	<0.05 mg/kg
Pendimethalin	<0.05 mg/kg
Pentachloroaniline	<0.05 mg/kg
Pentachloroanisole	<0.05 mg/kg
Pentachlorobenzene	<0.05 mg/kg
Pentachlorobenzonitrile	<0.05 mg/kg
Pentachlorothioanisole	<0.05 mg/kg
Permethrin (sum of isomers)	<0.05 mg/kg
Perthane (Ethylan)	<0.05 mg/kg
Phenmedipham	<0.05 mg/kg
Phenthoate	<0.05 mg/kg
Phenylphenol, 2- (OPP)	<0.05 mg/kg
Phorate	<0.05 mg/kg
Phorate sulfone	<0.05 mg/kg
Phorate sulfoxide	<0.05 mg/kg
Phosalone	<0.05 mg/kg
Phosmet	<0.05 mg/kg
Phosmet oxon	<0.05 mg/kg
Phosphamidon (E- and Z-isomers)	<0.05 mg/kg
Phoxim	<0.05 mg/kg
Picolinafen	<0.05 mg/kg
Picoxystrobin	<0.05 mg/kg
Piperonyl butoxide	<0.05 mg/kg
Piperophos	<0.05 mg/kg
Pirimicarb	<0.05 mg/kg
Pirimicarb-desmethyl	<0.05 mg/kg
Pirimiphos-ethyl	<0.05 mg/kg

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1777 Sun Peak Dr
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Sample Name:	CBD 15mg Pain	Eurofins Sample:	8444424
Project ID	SUSTAIN_LA-20190513-0061	Receipt Date	13-May-2019
PO Number	NV7000015	Receipt Condition	Ambient temperature
Lot Number	s201259.2	Login Date	13-May-2019
Sample Serving Size		Date Started	14-May-2019
Description	BKCO 36		

Analysis	Result
Multi-Residue Analysis for hemp products - 500+ compounds	
Pirimiphos-methyl	<0.05 mg/kg
Pirimiphos-methyl, N-desethyl-	<0.05 mg/kg
Prallethrin	non-analyzable
Pretilachlor	<0.05 mg/kg
Primisulfuron-methyl	<0.05 mg/kg
Prochloraz	<0.05 mg/kg
Procymidone	<0.05 mg/kg
Prodiamine	<0.05 mg/kg
Profenofos	<0.05 mg/kg
Profluralin	<0.05 mg/kg
Promecarb	<0.05 mg/kg
Prometon	<0.05 mg/kg
Prometryn	<0.05 mg/kg
Propamocarb	<0.05 mg/kg
Propanil	<0.05 mg/kg
Propaquizafop	<0.05 mg/kg
Propargite	non-analyzable
Propetamphos	<0.05 mg/kg
Propham	non-analyzable
Propiconazole (sum of isomers)	<0.05 mg/kg
Propoxur	<0.05 mg/kg
Propyzamide (Pronamide)	<0.05 mg/kg
Proquinazid	<0.05 mg/kg
Prosulfocarb	<0.05 mg/kg
Prothioconazole-desthio	<0.05 mg/kg
Prothiofos	<0.05 mg/kg
Pymetrozine	<0.05 mg/kg
Pyracarbolid	<0.05 mg/kg
Pyraclostrobin	<0.05 mg/kg
Pyraflufen-ethyl	<0.05 mg/kg
Pyrazophos	<0.05 mg/kg
Pyrethrum (total)	<0.50 mg/kg
Pyridaben	<0.05 mg/kg
Pyridalyl	<0.05 mg/kg

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1777 Sun Peak Dr
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Sample Name:	CBD 15mg Pain	Eurofins Sample:	8444424
Project ID	SUSTAIN_LA-20190513-0061	Receipt Date	13-May-2019
PO Number	NV7000015	Receipt Condition	Ambient temperature
Lot Number	s201259.2	Login Date	13-May-2019
Sample Serving Size		Date Started	14-May-2019
Description	BKCO 36		

Analysis	Result
Multi-Residue Analysis for hemp products - 500+ compounds	
Pyridaphenthion	<0.05 mg/kg
Pyridate	non-analyzable
Pyrifenox (E- and Z-isomers)	<0.05 mg/kg
Pyrimethanil	<0.05 mg/kg
Pyriproxyfen	<0.05 mg/kg
Pyroquilon	<0.05 mg/kg
Pyroxsulam	<0.05 mg/kg
Quinalphos	<0.05 mg/kg
Quinmerac	<0.05 mg/kg
Quinoclamine	<0.05 mg/kg
Quinoxifen	<0.05 mg/kg
Quintozene	<0.05 mg/kg
Quizalofop-ethyl	<0.05 mg/kg
Resmethrin (sum of isomers)	non-analyzable
Rimsulfuron	<0.05 mg/kg
Rotenone	<0.05 mg/kg
S421	<0.05 mg/kg
Schradan (Octamethylpyrophosphoramidate)	<0.05 mg/kg
Secbumeton	<0.05 mg/kg
Sethoxydim (E- and Z-isomers)	<0.05 mg/kg
Siduron	<0.05 mg/kg
Silthiofam	<0.05 mg/kg
Simazine	<0.05 mg/kg
Simeconazole	<0.05 mg/kg
Simetryn	<0.05 mg/kg
Spinetoram (spinosyns J and L)	<0.05 mg/kg
Spinosad (spinosyns A and D)	<0.05 mg/kg
Spirodiclofen	non-analyzable
Spiromesifen	<0.05 mg/kg
Spiromesifen enol	non-analyzable
Spirotetramat	<0.05 mg/kg
Spiroxamine (2 diastereoisomers)	<0.05 mg/kg
Sulfallate	<0.05 mg/kg
Sulfentrazone	<0.05 mg/kg

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Sample Name:	CBD 15mg Pain	Eurofins Sample:	8444424
Project ID	SUSTAIN_LA-20190513-0061	Receipt Date	13-May-2019
PO Number	NV7000015	Receipt Condition	Ambient temperature
Lot Number	s201259.2	Login Date	13-May-2019
Sample Serving Size		Date Started	14-May-2019
Description	BKCO 36		

Analysis	Result
Multi-Residue Analysis for hemp products - 500+ compounds	
Sulprofos	<0.05 mg/kg
Tebuconazole	<0.05 mg/kg
Tebufenozide	<0.05 mg/kg
Tebufenpyrad	<0.05 mg/kg
Tebupirimfos	<0.05 mg/kg
Tebuthiuron	<0.05 mg/kg
Tecnazene	<0.05 mg/kg
Teflubenzuron	non-analyzable
Tefluthrin	<0.05 mg/kg
Temephos	<0.05 mg/kg
Tepraloxym (E- and Z-isomers)	<0.05 mg/kg
Terbacil	<0.05 mg/kg
Terbufos	<0.05 mg/kg
Terbufos sulfone	<0.05 mg/kg
Terbufos sulfoxide	<0.05 mg/kg
Terbumeton	<0.05 mg/kg
Terbutylazine	<0.05 mg/kg
Terbutryn	<0.05 mg/kg
Tetrachloroaniline, 2,3,5,6-	<0.05 mg/kg
Tetrachloroanisole, 2,3,4,5-	<0.05 mg/kg
Tetrachlorvinphos	<0.05 mg/kg
Tetraconazole	<0.05 mg/kg
Tetradifon	<0.05 mg/kg
Thiabendazole	<0.05 mg/kg
Thiabendazole-5-hydroxy-	<0.05 mg/kg
Thiacloprid	<0.05 mg/kg
Thiamethoxam	<0.05 mg/kg
Thiazopyr	<0.05 mg/kg
Thidiazuron	<0.05 mg/kg
Thifensulfuron-methyl	<0.05 mg/kg
Thiobencarb (Benthiocarb)	<0.05 mg/kg
Thiodicarb	<0.05 mg/kg
Thiofanox	non-analyzable
Thiofanox sulfone	<0.05 mg/kg

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Sample Name:	CBD 15mg Pain	Eurofins Sample:	8444424
Project ID	SUSTAIN_LA-20190513-0061	Receipt Date	13-May-2019
PO Number	NV7000015	Receipt Condition	Ambient temperature
Lot Number	s201259.2	Login Date	13-May-2019
Sample Serving Size		Date Started	14-May-2019
Description	BKCO 36		

Analysis	Result
Multi-Residue Analysis for hemp products - 500+ compounds	
Thiofanox sulfoxide	<0.05 mg/kg
Thionazin (Zinophos)	<0.05 mg/kg
Thiophanate-methyl	<0.05 mg/kg
Tolclofos-methyl	<0.05 mg/kg
Tolfenpyrad	<0.05 mg/kg
Tolyfluanid	<0.05 mg/kg
Tralkoxydim	<0.05 mg/kg
Triadimefon	<0.05 mg/kg
Triadimenol	<0.05 mg/kg
Triasulfuron	<0.05 mg/kg
Triazophos	<0.05 mg/kg
Tribenuron-methyl	<0.05 mg/kg
Tribufos (DEF)	<0.05 mg/kg
Trichlorfon (Metrifonate)	<0.05 mg/kg
Trichloroanisole, 2,4,6-	<0.05 mg/kg
Tricyclazole	<0.05 mg/kg
Trietazine	<0.05 mg/kg
Trifloxystrobin	<0.05 mg/kg
Trifloxysulfuron	<0.05 mg/kg
Triflumizole	<0.05 mg/kg
Triflumuron	<0.05 mg/kg
Trifluralin	<0.05 mg/kg
Triforine	<0.05 mg/kg
Trimethacarb	<0.05 mg/kg
Triticonazole	<0.05 mg/kg
Uniconazole	<0.05 mg/kg
Vamidotion	<0.05 mg/kg
Vinclozolin	<0.05 mg/kg
Zoxamide	<0.05 mg/kg

Method References	Testing Location
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Glyphosate and AMPA (GLY_AMP_A_S)	Food Integ. Innovation-Greenfield
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1777 Sun Peak Dr
Park City Utah 84098 United States

Method References	Testing Location
<p>Glyphosate and AMPA (GLY_AMPAS)</p> <p>Monsanto Company Method ME-1466-02, "High Throughput Assay for Glyphosate and AMPA in Raw Agricultural Commodities and Processed Fractions Using LC/MS/MS".</p>	<p>Food Integ. Innovation-Greenfield</p>
<p>Multi-Residue Analysis for hemp products - 500+ compounds (PEST_HEMP)</p> <p><i>Official Methods of Analysis, AOAC Official Method 2007.01, Pesticide Residues in Foods by Acetonitrile Extraction and Partitioning with Magnesium Sulfate, AOAC INTERNATIONAL (modified).</i></p> <p><i>CEN Standard Method EN 15662: Food of plant origin - Determination of pesticide residues using GC-MS and/or LC-MS/MS following acetonitrile extraction/partitioning and clean-up by dispersive SPE - QuEChERS method.</i></p> <p>List of the tested pesticides and their limits of quantification (LOQs) are available upon request.</p>	<p>Food Integ. Innovation-Greenfield</p>

Testing Location(s)	Released on Behalf of Eurofins by
<p>Food Integ. Innovation-Greenfield</p> <p>Eurofins Food Chemistry Testing US, Inc. 671 S. Meridian Road Greenfield IN 46140 800-675-8375</p>	<p>Karelyn Koehn - Manager</p> <div style="text-align: right;">   </div> <p>2918.06</p>



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