

Product Name: 10mg Hemp Berry Medley 60ct
Item #: 7110246
Serving: 1 Gummy
Customer: Canopy Growth USA, LLC

Lot Number: 0000001519
Production Date: Feb/2022
Best By: Feb/2024

PHYSICAL ANALYSIS

Analysis	Specification	Result	Testing Method
Appearance	Gummy, Sugar-Coated	Matches Standard	Visual Inspection (SOP-0049)
Shape	Cube	Matches Standard	Visual Inspection (SOP-0049)
Color	Dark Red, Dark Purple, Dark Blue	Matches Standard	Visual Inspection (SOP-0049)
Flavor	Raspberry, Huckleberry, Black Raspberry	Matches Standard	Organoleptic Inspection (SOP-0049)
Odor	Sweet Aroma	Matches Standard	Organoleptic Inspection (SOP-0049)
Unit Weight	4.0 g ± 0.4 g	3.72 g	Average Weight of 10 gummies

WATER ACTIVITY

Parameter	Specification	Result	Testing Method
Water Activity	< 0.850	0.545	AOAC 978.18, Better Nutritionals, LLC

ACTIVE INGREDIENTS ANALYSIS PER SERVING

Functional Ingredient Potency	Specification Limits	Result	Units	Test Method
CBD	10 - 12 mg	11	mg	AOAC 2018.11 (IHCBD_S)
Delta 9-THC	As Reported	< 0.0008	%	AOAC 2018.11 (IHCBD_S)
THC-A	As Reported	< 0.0017	%	AOAC 2018.11 (IHCBD_S)
Total THC + THC-A	NMT 0.3%	Not Detected		AOAC 2018.11 (IHCBD_S)

MICROBIOLOGICAL ANALYSIS

Analysis	Specification Limits	Result	Units	Test Method
Aerobic Plate Count	< 10,000 CFU/g	160	CFU/g	AOAC 966.23
<i>Escherichia Coli</i>	< 10 MPN/g	< 3	MPN/g	FDA-BAM online, Ch.5
Yeast	As Reported	< 10	CFU/g	AOAC 2014.05
Mold	As Reported	< 10	CFU/g	AOAC 2014.05
Total Yeast & Mold	< 1,000 CFU/g	< 10	CFU/g	AOAC 2014.05
<i>Salmonella</i> spp.	Negative/25 g	Negative	/25 g	AOAC 2020.02

HEAVY METALS

Analysis	Specification Limits	Result	Units	Test Method
Inorganic Arsenic	NMT 10 mcg/day	< 0.112	mcg/day	AOAC 2011.19 & 993.14 (ICP_MS_S)
Cadmium	NMT 4.1 mcg/day	< 0.056	mcg/day	AOAC 2011.19 & 993.14 (ICP_MS_S)
Lead	NMT 0.5 mcg/day	0.096	mcg/day	AOAC 2011.19 & 993.14 (ICP_MS_S)
Mercury	NMT 0.3 mcg/day	< 0.056	mcg/day	AOAC 2011.19 & 993.14 (ICP_MS_S)

RESIDUAL SOLVENTS

Analysis	Specifications	Result	Test Method
Residual Solvent Analysis in Cannabis & Hemp Matrices	Pass/Fail	Pass	Internally Developed Method (CANN_SOL_S)
Multi Residual Analysis for Hemp - 500+ Compounds	Pass/Fail	Pass	AOAC 2007.01 (PEST_HEMP)

MYCOTOXINS

Analysis	Specification Limits	Result	Units	Test Method
Aflatoxin B1	< 5.0 µg/kg	< 0.500	µg/kg	UHPLC-MS/MS (MYCO_REG_S)
Aflatoxin B2	< 5.0 µg/kg	< 0.500	µg/kg	UHPLC-MS/MS (MYCO_REG_S)
Aflatoxin G1	< 5.0 µg/kg	< 0.500	µg/kg	UHPLC-MS/MS (MYCO_REG_S)
Aflatoxin G2	< 5.0 µg/kg	< 0.500	µg/kg	UHPLC-MS/MS (MYCO_REG_S)
Total Aflatoxin (B1+B2+G1+G2)	< 20.0 µg/kg	< 2.00	µg/kg	UHPLC-MS/MS (MYCO_REG_S)
Ochratoxin A	< 20.0 µg/kg	< 1.00	µg/kg	UHPLC-MS/MS (MYCO_REG_S)



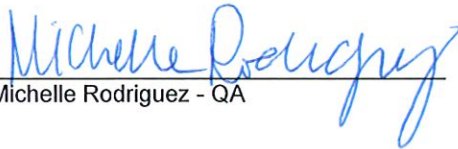
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Other Ingredients: Tapioca Syrup, Cane Sugar, Pectin, Water, Natural Flavors. Less Than 2% of: Fruit and Vegetable Juice (Color), Sodium Citrate Dihydrate, Citric Acid, Malic Acid, Sunflower Lecithin.

Signature:


Michelle Rodriguez - QA

Date:





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Norco CA 92860 United States

Sample Name:	Canopy Growth Black Raspberry Middle	Eurofins Sample:	11514919
Project ID	BETTER_NUT-20220303-0035	Receipt Date	04-Mar-2022
PO Number	Canopy Growth Citrus and Berry Medley	Receipt Condition	Ambient temperature
Lot Number	2202247	Login Date	03-Mar-2022
Description	5170116	Date Started	04-Mar-2022
		Sampled	Sample results apply as received
		Online Order	11242-16E2A318

Analysis	Result
Industrial Hemp Cannabinoid Profile	
CBDVA	None detected at detection limit of 0.0004 %
CBDV	<0.00250 %
CBD	None detected at detection limit of 0.0004 %
CBGA	None detected at detection limit of 0.0004 %
CBG	None detected at detection limit of 0.0008 %
THCV	3.00 mg/g
CBN	None detected at detection limit of 0.0008 %
Delta 9-THC	None detected at detection limit of 0.0004 %
Delta 8-THC	None detected at detection limit of 0.0008 %
THCA	None detected at detection limit of 0.0017 %
CBC	None detected at detection limit of 0.0008 %
THCVA	None detected at detection limit of 0.0004 %
CBNA	None detected at detection limit of 0.0004 %
CBCA	None detected at detection limit of 0.0017 %
CBL	None detected at detection limit of 0.0004 %
Total Cannabinoids	0.300 %
Total THC (THC + (THCA x 0.877))	Not Detected %

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Analysis	Result
Industrial Hemp Cannabinoid Profile	
Total CBD (CBD + (CBDA x 0.877))	3.00 mg/g
Elements by ICP Mass Spectrometry	
Arsenic	<10.0 ppb
Cadmium	<5.00 ppb
Lead	6.60 ppb
Mercury	<5.00 ppb

Analysis	Limit	Result	Pass/Fail
Mycotoxins in Raw Materials			
Aflatoxin B1		<0.500 ppb	
Aflatoxin B2		<0.500 ppb	
Aflatoxin G1		<0.500 ppb	
Aflatoxin G2		<0.500 ppb	
Ochratoxin A	20 ppb	<1.00 ppb	Pass
Sum of B1 B2 G1 and G2	20 ppb	<2.00 ppb	Pass
Residual Solvent Analysis in Cannabis and Hemp Matrices			
1,2-Dichloroethane		<1.0 ppm	
2-Propanol		<500 ppm	
Acetone		<200 ppm	
Acetonitrile		<200 ppm	
Benzene		<1.0 ppm	
Chloroform		<1.0 ppm	
Ethanol		<500 ppm	
Ethyl Acetate		<500 ppm	
Ethyl Ether		<500 ppm	
Ethylene Oxide		<25.0 ppm	
Methanol		<500 ppm	
Methylene Chloride		<1.0 ppm	
n-Hexane		<30.0 ppm	
Propane		<1000 ppm	

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Analysis	Limit	Result	Pass/Fail
Residual Solvent Analysis in Cannabis and Hemp Matrices			
Toluene		<90.0 ppm	
Trichloroethylene		<1.0 ppm	
Summed Group 1 (Butanes)			
Isobutane (2-Methylpropane)		<500 ppm	
n-Butane		<500 ppm	
Sum of Butanes		<1000 ppm	
Summed Group 2 (Heptanes)			
2,2,3-Trimethylbutane		<50.0 ppm	
2,2-Dimethylpentane		<50.0 ppm	
2,3-Dimethylpentane		<50.0 ppm	
2,4-Dimethylpentane		<50.0 ppm	
2-Methylhexane		<50.0 ppm	
3,3-Dimethylpentane		<50.0 ppm	
3-Ethylpentane		<50.0 ppm	
3-Methylhexane		<50.0 ppm	
n-Heptane		<50.0 ppm	
Sum of Heptanes		<450 ppm	
Summed Group 3 (Petroleum Ether)			
2,2-Dimethylbutane		<25.0 ppm	
2,3-Dimethylbutane		<25.0 ppm	
2-Methylpentane		<25.0 ppm	
3-Methylpentane		<25.0 ppm	
n-Pentane		<25.0 ppm	
Sum of Petroleum Ether		<125 ppm	
Summed Group 4 (Xylenes)			
Xylenes-1 (Ethylbenzene)		<40.0 ppm	
Xylenes-2 (m- p-Xylene)		<140 ppm	
Xylenes-3 (o-Xylene)		<20.0 ppm	
Sum of Xylenes		<200 ppm	

Multi-Residue Analysis for hemp products - 500+ compounds

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Analysis	Limit	Result	Pass/Fail
Multi-Residue Analysis for hemp products - 500+ compounds			
Abamectin		<0.30 mg/kg	
Acephate		<0.10 mg/kg	
Acequinocyl		<1.0 mg/kg	
Acetamiprid		<0.10 mg/kg	
Acetochlor		<0.10 mg/kg	
Acibenzolar-S-methyl		<0.10 mg/kg	
Aclonifen		<0.10 mg/kg	
Acrinathrin		<0.10 mg/kg	
Alachlor		<0.10 mg/kg	
Aldicarb		<0.10 mg/kg	
Aldicarb sulfone (Aldoxycarb)		<0.10 mg/kg	
Aldicarb sulfoxide		<0.10 mg/kg	
Aldrin		<0.10 mg/kg	
Allethrin		non-analyzable	
Ametryn		<0.10 mg/kg	
Aminocarb		<0.10 mg/kg	
Amitraz metabolite DMF		<0.10 mg/kg	
Anilofos		<0.10 mg/kg	
Atrazine		<0.10 mg/kg	
Azaconazole		<0.10 mg/kg	
Azamethiphos		<0.10 mg/kg	
Azinphos-ethyl		<0.10 mg/kg	
Azinphos-methyl		<0.10 mg/kg	
Azoxystrobin		<0.10 mg/kg	
Beflubutamid		<0.10 mg/kg	
Benalaxyl		<0.10 mg/kg	
Bendiocarb		<0.10 mg/kg	
Benfluralin		<0.10 mg/kg	
Benoxacor		<0.10 mg/kg	

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Analysis	Limit	Result	Pass/Fail
Multi-Residue Analysis for hemp products - 500+ compounds			
Benzoximate		<0.10 mg/kg	
Bifenazate		<0.10 mg/kg	
Bifenox		<0.10 mg/kg	
Bifenthrin		<0.10 mg/kg	
Bitertanol		<0.10 mg/kg	
Bixafen		<0.10 mg/kg	
Boscalid		<0.10 mg/kg	
Bromacil		<0.10 mg/kg	
Bromophos-ethyl		<0.10 mg/kg	
Bromophos-methyl		<0.10 mg/kg	
Bromopropylate		<0.10 mg/kg	
Bromuconazole (2 diastereoisomers)		<0.10 mg/kg	
Bupirimate		<0.10 mg/kg	
Buprofezin		<0.10 mg/kg	
Butachlor		<0.10 mg/kg	
Butafenacil		<0.10 mg/kg	
Butocarboxim		<0.10 mg/kg	
Butocarboxim sulfoxide		<0.10 mg/kg	
Butoxycarboxim		<0.10 mg/kg	
Butylate		<0.10 mg/kg	
Cadusafos		<0.10 mg/kg	
Captan (as THPI)		<0.20 mg/kg	
Carbaryl		<0.10 mg/kg	
Carbendazim		<0.20 mg/kg	
Carbetamide		<0.10 mg/kg	
Carbofuran		<0.10 mg/kg	
Carbofuran-3-hydroxy-		<0.10 mg/kg	
Carbophenothion		<0.10 mg/kg	
Carboxin		<0.10 mg/kg	

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Analysis	Limit	Result	Pass/Fail
Multi-Residue Analysis for hemp products - 500+ compounds			
Carfentrazone-ethyl		<0.10 mg/kg	
Chlorantraniliprole		<0.10 mg/kg	
Chlorbromuron		<0.10 mg/kg	
Chlordane, cis-		<0.10 mg/kg	
Chlordane, trans-		<0.10 mg/kg	
Chlorfenapyr		<0.10 mg/kg	
Chlorfenvinphos (E- and Z-isomers)		<0.10 mg/kg	
Chloridazon (Pyrazon)		<0.10 mg/kg	
Chlorobenzilate		<0.10 mg/kg	
Chlorotoluron (Chlortoluron)		<0.10 mg/kg	
Chloroxuron		<0.10 mg/kg	
Chlorpropham (CIPC)		<0.10 mg/kg	
Chlorpyrifos		<0.10 mg/kg	
Chlorpyrifos-methyl		<0.10 mg/kg	
Clodinafop-propargyl		<0.20 mg/kg	
Clofentezine		<0.10 mg/kg	
Clomazone		<0.10 mg/kg	
Cloquintocet-mexyl		<0.10 mg/kg	
Clothianidin		<0.10 mg/kg	
Coumaphos		<0.10 mg/kg	
Cyanazine		<0.10 mg/kg	
Cyanofenphos		non-analyzable	
Cyazofamid		<0.10 mg/kg	
Cycloate		non-analyzable	
Cycluron		<0.10 mg/kg	
Cyflufenamid		<0.10 mg/kg	
Cyfluthrin		<0.10 mg/kg	
Cymiazole		<0.10 mg/kg	
Cymoxanil		<0.10 mg/kg	

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Analysis	Limit	Result	Pass/Fail
Multi-Residue Analysis for hemp products - 500+ compounds			
Cypermethrin		<0.10 mg/kg	
Cyproconazole (2 diastereoisomers)		<0.10 mg/kg	
Cyprodinil		<0.10 mg/kg	
DDD, o,p'-		<0.10 mg/kg	
DDD, p,p'-		<0.10 mg/kg	
DDE, o,p'-		<0.10 mg/kg	
DDE, p,p'-		<0.10 mg/kg	
DDT, o,p'-		<0.10 mg/kg	
DDT, p,p'-		<0.10 mg/kg	
DEET (Diethyltoluamide)		<0.10 mg/kg	
DMST (Dimethylaminosulfotoluidide)		<0.10 mg/kg	
Dacthal (Chlorthal-dimethyl, DCPA)		<0.10 mg/kg	
Deltamethrin		<0.10 mg/kg	
Demeton-O		<0.10 mg/kg	
Demeton-S		<0.10 mg/kg	
Demeton-S-methyl		<0.10 mg/kg	
Demeton-S-methyl sulfone		<0.10 mg/kg	
Desmedipham		<0.10 mg/kg	
Dialifos (Dialifor)		<0.10 mg/kg	
Diazinon		<0.10 mg/kg	
Diazinon oxon		<0.10 mg/kg	
Dichlobenil		<0.10 mg/kg	
Dichlofenthion		<0.10 mg/kg	
Dichlofluanid		<0.10 mg/kg	
Dichlorvos		<0.10 mg/kg	
Diclobutrazol		<0.10 mg/kg	
Diclocymet (2 diastereoisomers)		<0.10 mg/kg	
Dicloran (DCNA)		<0.10 mg/kg	
Dicrotophos		<0.10 mg/kg	

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Analysis	Limit	Result	Pass/Fail
Multi-Residue Analysis for hemp products - 500+ compounds			
Dieldrin		<0.10 mg/kg	
Diethofencarb		<0.10 mg/kg	
Difenoconazole (cis- and trans-)		<0.10 mg/kg	
Diffubenzuron		<0.10 mg/kg	
Diffufenican		<0.10 mg/kg	
Dimethachlor		<0.10 mg/kg	
Dimethametryn		<0.10 mg/kg	
Dimethenamid		<0.10 mg/kg	
Dimethoate		<0.10 mg/kg	
Dimethomorph (E- and Z-isomers)		<0.10 mg/kg	
Dimetilan		<0.10 mg/kg	
Dimoxystrobin		<0.10 mg/kg	
Diniconazole		<0.10 mg/kg	
Dinitramine		<0.20 mg/kg	
Dinotefuran		<0.10 mg/kg	
Dioxacarb		<0.10 mg/kg	
Diphenamid		<0.10 mg/kg	
Diphenylamine		<0.10 mg/kg	
Dipropetryn		<0.10 mg/kg	
Disulfoton		<0.10 mg/kg	
Disulfoton sulfone		<0.10 mg/kg	
Disulfoton sulfoxide		<0.10 mg/kg	
EPN		<0.10 mg/kg	
Endosulfan I (alpha-isomer)		<0.20 mg/kg	
Endosulfan II (beta-isomer)		<0.20 mg/kg	
Endosulfan sulfate		<0.20 mg/kg	
Epoxiconazole		<0.10 mg/kg	
Ethaboxam		<0.10 mg/kg	
Ethalfuralin		<0.10 mg/kg	

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Multi-Residue Analysis for hemp products - 500+ compounds			
Ethidimuron (Sulfadiazole)		<0.10 mg/kg	
Ethiofencarb		<0.10 mg/kg	
Ethiofencarb sulfone		<0.10 mg/kg	
Ethiofencarb sulfoxide		<0.10 mg/kg	
Ethion		<0.10 mg/kg	
Ethiprole		<0.10 mg/kg	
Ethirimol		<0.10 mg/kg	
Ethofumesate		<0.20 mg/kg	
Ethoprophos (Ethoprop)		<0.10 mg/kg	
Etofenprox		<0.10 mg/kg	
Etoxazole		<0.10 mg/kg	
Etrimfos		<0.10 mg/kg	
Famoxadone		<0.10 mg/kg	
Fenamidone		<0.10 mg/kg	
Fenamiphos		<0.10 mg/kg	
Fenamiphos sulfone		<0.10 mg/kg	
Fenamiphos sulfoxide		<0.10 mg/kg	
Fenarimol		<0.10 mg/kg	
Fenazaquin		<0.10 mg/kg	
Fenbuconazole		<0.10 mg/kg	
Fenchlorphos (Ronnell)		<0.10 mg/kg	
Fenchlorphos oxon		<0.10 mg/kg	
Fenitrothion		<0.10 mg/kg	
Fenobucarb		<0.10 mg/kg	
Fenoxanil (sum of isomers)		<0.10 mg/kg	
Fenoxycarb		<0.10 mg/kg	
Fenpropathrin		<0.10 mg/kg	
Fenpyroximate		<0.10 mg/kg	
Fensulfothion		<0.10 mg/kg	

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Multi-Residue Analysis for hemp products - 500+ compounds			
Fensulfothion oxon		<0.10 mg/kg	
Fensulfothion oxon sulfone		<0.10 mg/kg	
Fensulfothion sulfone		<0.10 mg/kg	
Fenthion		<0.10 mg/kg	
Fenthion oxon		<0.10 mg/kg	
Fenthion oxon sulfone		<0.10 mg/kg	
Fenthion oxon sulfoxide		<0.10 mg/kg	
Fenthion sulfone		<0.10 mg/kg	
Fenthion sulfoxide		<0.10 mg/kg	
Fentrazamide		<0.10 mg/kg	
Fenuron		<0.10 mg/kg	
Fenvalerate/Esfenvalerate (sum of isomers)		<0.20 mg/kg	
Fipronil		<0.10 mg/kg	
Fipronil desulfinyl		<0.10 mg/kg	
Fipronil sulfone		<0.10 mg/kg	
Flonicamid		<0.10 mg/kg	
Fluazifop-butyl		<0.10 mg/kg	
Flucythrinate (sum of isomers)		<0.20 mg/kg	
Fludioxonil		<0.10 mg/kg	
Flufenacet		<0.20 mg/kg	
Flufenoxuron		<0.10 mg/kg	
Flumioxazin		<0.10 mg/kg	
Fluometuron		<0.10 mg/kg	
Fluopicolide		<0.10 mg/kg	
Fluopyram		<0.10 mg/kg	
Fluoxastrobin		<0.10 mg/kg	
Fluquinconazole		<0.10 mg/kg	
Fluridone		<0.10 mg/kg	
Flusilazole		<0.10 mg/kg	

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PO Number	Canopy Growth Citrus and Berry Medley	Receipt Condition	Ambient temperature
Lot Number	2202247	Login Date	03-Mar-2022
Description	5170116	Date Started	04-Mar-2022
		Sampled	Sample results apply as received
		Online Order	11242-16E2A318

Analysis	Limit	Result	Pass/Fail
Multi-Residue Analysis for hemp products - 500+ compounds			
Flutolanil		<0.10 mg/kg	
Flutriafol		<0.10 mg/kg	
Fluvalinate tau- (sum of isomers)		<0.20 mg/kg	
Fonofos		<0.10 mg/kg	
Forchlorfenuron		<0.10 mg/kg	
Formothion		<0.10 mg/kg	
Fosthiazate (sum of isomers)		<0.10 mg/kg	
Fuberidazole		<0.10 mg/kg	
Furalaxyl		<0.10 mg/kg	
Furathiocarb		<0.10 mg/kg	
Griseofulvin		<0.10 mg/kg	
HCH, alpha- (alpha-BHC)		<0.10 mg/kg	
HCH, beta- (beta-BHC)		<0.10 mg/kg	
HCH, delta- (delta-BHC)		<0.10 mg/kg	
Halofenozide		<0.10 mg/kg	
Haloxypop-methyl		<0.10 mg/kg	
Heptachlor		<0.10 mg/kg	
Heptachlor endo-epoxide		<0.10 mg/kg	
Heptachlor exo-epoxide		<0.10 mg/kg	
Hexachlorobenzene (HCB)		<0.10 mg/kg	
Hexaconazole		<0.10 mg/kg	
Hexaflumuron		<0.10 mg/kg	
Hexazinone		<0.10 mg/kg	
Hexythiazox		<0.10 mg/kg	
Hydroprene, S- (sum of isomers)		non-analyzable	
Imazalil		<0.10 mg/kg	
Imazamethabenz-methyl		<0.10 mg/kg	
Imidacloprid		<0.10 mg/kg	
Indoxacarb		<0.10 mg/kg	

Certificate of Analysis

Better Nutritionals, LLC

3390 Horseless Carriage Dr.
Norco CA 92860 United States

Sample Name:	Canopy Growth Black Raspberry Middle	Eurofins Sample:	11514919
Project ID	BETTER_NUT-20220303-0035	Receipt Date	04-Mar-2022
PO Number	Canopy Growth Citrus and Berry Medley	Receipt Condition	Ambient temperature
Lot Number	2202247	Login Date	03-Mar-2022
Description	5170116	Date Started	04-Mar-2022
		Sampled	Sample results apply as received
		Online Order	11242-16E2A318

Analysis	Limit	Result	Pass/Fail
Multi-Residue Analysis for hemp products - 500+ compounds			
Ipconazole		<0.10 mg/kg	
Iprovalicarb		<0.10 mg/kg	
Isocarbamid		<0.10 mg/kg	
Isocarbophos		<0.10 mg/kg	
Isofenphos		<0.10 mg/kg	
Isofenphos-methyl		<0.10 mg/kg	
Isoprocarb		<0.10 mg/kg	
Isoprothiolane		<0.10 mg/kg	
Isoproturon		<0.10 mg/kg	
Isoxaben		<0.10 mg/kg	
Isoxadifen-ethyl		<0.10 mg/kg	
Isoxaflutole		<0.10 mg/kg	
Isoxathion		<0.10 mg/kg	
Kresoxim-methyl		<0.10 mg/kg	
Lactofen		<0.10 mg/kg	
Lenacil		<0.10 mg/kg	
Lindane (gamma-HCH, gamma-BHC)		<0.10 mg/kg	
Linuron		<0.10 mg/kg	
Lufenuron		non-analyzable	
MGK 264 (sum of isomers)		<0.10 mg/kg	
Malaoxon		<0.10 mg/kg	
Malathion		<0.10 mg/kg	
Mandipropamid		<0.10 mg/kg	
Mecarbam		<0.10 mg/kg	
Mepanipyrim		<0.10 mg/kg	
Mepanipyrim-2-hydroxypropyl		<0.10 mg/kg	
Mephosfolan		<0.10 mg/kg	
Metaflumizone		<0.10 mg/kg	
Metalaxyl		<0.10 mg/kg	

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Sample Name:	Canopy Growth Black Raspberry Middle	Eurofins Sample:	11514919
Project ID	BETTER_NUT-20220303-0035	Receipt Date	04-Mar-2022
PO Number	Canopy Growth Citrus and Berry Medley	Receipt Condition	Ambient temperature
Lot Number	2202247	Login Date	03-Mar-2022
Description	5170116	Date Started	04-Mar-2022
		Sampled	Sample results apply as received
		Online Order	11242-16E2A318

Analysis	Limit	Result	Pass/Fail
Multi-Residue Analysis for hemp products - 500+ compounds			
Metamitron		<0.10 mg/kg	
Metazachlor		<0.10 mg/kg	
Metconazole		<0.10 mg/kg	
Methabenzthiazuron		<0.10 mg/kg	
Methacrifos		<0.10 mg/kg	
Methamidophos		<0.10 mg/kg	
Methidathion		<0.10 mg/kg	
Methiocarb		<0.10 mg/kg	
Methiocarb sulfone		<0.10 mg/kg	
Methiocarb sulfoxide		<0.10 mg/kg	
Methomyl		<0.10 mg/kg	
Methoprotryne		<0.10 mg/kg	
Methoxychlor		non-analyzable	
Methoxyfenozide		<0.10 mg/kg	
Metobromuron		<0.10 mg/kg	
Metolachlor		<0.10 mg/kg	
Metolcarb		<0.10 mg/kg	
Metoxuron		<0.10 mg/kg	
Metrafenone		<0.10 mg/kg	
Metribuzin		<0.10 mg/kg	
Mevinphos (E- and Z-isomers)		<0.10 mg/kg	
Mexacarbate		<0.10 mg/kg	
Mirex		<0.10 mg/kg	
Molinate		<0.10 mg/kg	
Monocrotophos		<0.10 mg/kg	
Monolinuron		<0.10 mg/kg	
Myclobutanil		<0.10 mg/kg	
Naled (Dibrom)		<0.10 mg/kg	
Napropamide		<0.10 mg/kg	

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Sample Name:	Canopy Growth Black Raspberry Middle	Eurofins Sample:	11514919
Project ID	BETTER_NUT-20220303-0035	Receipt Date	04-Mar-2022
PO Number	Canopy Growth Citrus and Berry Medley	Receipt Condition	Ambient temperature
Lot Number	2202247	Login Date	03-Mar-2022
Description	5170116	Date Started	04-Mar-2022
		Sampled	Sample results apply as received
		Online Order	11242-16E2A318

Analysis	Limit	Result	Pass/Fail
Multi-Residue Analysis for hemp products - 500+ compounds			
Neburon		<0.10 mg/kg	
Nitenpyram		<0.10 mg/kg	
Nitrofen		<0.10 mg/kg	
Nonachlor, cis-		<0.10 mg/kg	
Nonachlor, trans-		<0.10 mg/kg	
Norflurazon		<0.10 mg/kg	
Norflurazon-desmethyl		<0.10 mg/kg	
Novaluron		<0.10 mg/kg	
Nuarimol		<0.10 mg/kg	
Ofurace		<0.10 mg/kg	
Omethoate		<0.10 mg/kg	
Oxadiazon		<0.10 mg/kg	
Oxadixyl		<0.10 mg/kg	
Oxamyl		<0.10 mg/kg	
Oxamyl oxime		<0.10 mg/kg	
Oxycarboxin		<0.10 mg/kg	
Oxychlordane		<0.10 mg/kg	
Oxydemeton-methyl		<0.10 mg/kg	
Oxyfluorfen		<0.10 mg/kg	
Paclobutrazol		<0.10 mg/kg	
Paraoxon		<0.10 mg/kg	
Paraoxon-methyl		<0.10 mg/kg	
Parathion		<0.10 mg/kg	
Parathion-methyl		<0.10 mg/kg	
Penconazole		<0.10 mg/kg	
Pencycuron		<0.10 mg/kg	
Pendimethalin		<0.10 mg/kg	
Pentachloroaniline		<0.10 mg/kg	
Pentachloroanisole		<0.10 mg/kg	

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Sample Name:	Canopy Growth Black Raspberry Middle	Eurofins Sample:	11514919
Project ID	BETTER_NUT-20220303-0035	Receipt Date	04-Mar-2022
PO Number	Canopy Growth Citrus and Berry Medley	Receipt Condition	Ambient temperature
Lot Number	2202247	Login Date	03-Mar-2022
Description	5170116	Date Started	04-Mar-2022
		Sampled	Sample results apply as received
		Online Order	11242-16E2A318

Analysis	Limit	Result	Pass/Fail
Multi-Residue Analysis for hemp products - 500+ compounds			
Pentachlorobenzene		<0.10 mg/kg	
Pentachlorobenzonitrile		<0.10 mg/kg	
Pentachlorothioanisole		<0.10 mg/kg	
Permethrin (sum of isomers)		<0.10 mg/kg	
Perthane (Ethylan)		<0.10 mg/kg	
Phenmedipham		<0.10 mg/kg	
Phenthoate		<0.10 mg/kg	
Phorate		<0.10 mg/kg	
Phorate sulfone		<0.10 mg/kg	
Phorate sulfoxide		<0.10 mg/kg	
Phosalone		<0.10 mg/kg	
Phosmet		<0.10 mg/kg	
Phosmet oxon		<0.10 mg/kg	
Phosphamidon (E- and Z-isomers)		<0.10 mg/kg	
Phoxim		<0.10 mg/kg	
Picolinafen		<0.10 mg/kg	
Picoxystrobin		<0.10 mg/kg	
Piperonyl butoxide		<0.10 mg/kg	
Piperophos		<0.10 mg/kg	
Pirimicarb		<0.10 mg/kg	
Pirimicarb-desmethyl		<0.10 mg/kg	
Pirimiphos-ethyl		<0.10 mg/kg	
Pirimiphos-methyl		<0.10 mg/kg	
Pirimiphos-methyl, N-desethyl-		<0.10 mg/kg	
Prallethrin		<1.0 mg/kg	
Pretilachlor		<0.10 mg/kg	
Prochloraz		<0.10 mg/kg	
Procymidone		<0.10 mg/kg	
Prodiamine		<0.10 mg/kg	

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Analysis	Limit	Result	Pass/Fail
Multi-Residue Analysis for hemp products - 500+ compounds			
Profenofos		<0.10 mg/kg	
Profluralin		<0.10 mg/kg	
Promecarb		<0.10 mg/kg	
Prometon		<0.10 mg/kg	
Prometryn		<0.10 mg/kg	
Propanil		<0.10 mg/kg	
Propaquizafop		<0.10 mg/kg	
Propargite		<0.10 mg/kg	
Propetamphos		<0.10 mg/kg	
Propham		<0.10 mg/kg	
Propiconazole (sum of isomers)		<0.10 mg/kg	
Propoxur		<0.10 mg/kg	
Propyzamide (Pronamide)		<0.10 mg/kg	
Prosulfocarb		<0.10 mg/kg	
Prothioconazole-desthio		non-analyzable	
Prothiofos		<0.10 mg/kg	
Pymetrozine		non-analyzable	
Pyracarbolid		<0.10 mg/kg	
Pyraclostrobin		<0.10 mg/kg	
Pyraflufen-ethyl		<0.10 mg/kg	
Pyrazophos		<0.10 mg/kg	
Pyrethrum (total)		<1.0 mg/kg	
Pyridaben		<0.10 mg/kg	
Pyridaphenthion		<0.10 mg/kg	
PyrifenoX (E- and Z-isomers)		<0.10 mg/kg	
Primethanil		<0.10 mg/kg	
Pyriproxyfen		<0.10 mg/kg	
Pyroquilon		<0.10 mg/kg	
Quinalphos		<0.10 mg/kg	

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Sample Name:	Canopy Growth Black Raspberry Middle	Eurofins Sample:	11514919
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PO Number	Canopy Growth Citrus and Berry Medley	Receipt Condition	Ambient temperature
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Analysis	Limit	Result	Pass/Fail
Multi-Residue Analysis for hemp products - 500+ compounds			
Quinoclamine		<0.10 mg/kg	
Quinoxifen		<0.10 mg/kg	
Quintozone		<0.10 mg/kg	
Quizalofop-ethyl		<0.10 mg/kg	
Rotenone		<0.10 mg/kg	
S421		<0.10 mg/kg	
Schradan (Octamethylpyrophosphoramidate)		non-analyzable	
Secbumeton		<0.10 mg/kg	
Siduron		<0.10 mg/kg	
Silthiofam		<0.10 mg/kg	
Simazine		<0.10 mg/kg	
Simeconazole		<0.10 mg/kg	
Simetryn		<0.10 mg/kg	
Spinetoram (spinosyns J and L)		<0.10 mg/kg	
Spinosad (spinosyns A and D)		<0.10 mg/kg	
Spirodiclofen		non-analyzable	
Spiromesifen		<0.10 mg/kg	
Spirotetramat		<0.10 mg/kg	
Spiroxamine (2 diastereoisomers)		<0.10 mg/kg	
Sulfallate		<0.10 mg/kg	
Sulprofos		<0.10 mg/kg	
Tebuconazole		<0.10 mg/kg	
Tebufenozide		<0.10 mg/kg	
Tebufenpyrad		<0.10 mg/kg	
Tebupirimfos		<0.10 mg/kg	
Tebuthiuron		<0.10 mg/kg	
Tecnazene		<0.10 mg/kg	
Teflubenzuron		<0.20 mg/kg	
Tefluthrin		<0.10 mg/kg	

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Sample Name:	Canopy Growth Black Raspberry Middle	Eurofins Sample:	11514919
Project ID	BETTER_NUT-20220303-0035	Receipt Date	04-Mar-2022
PO Number	Canopy Growth Citrus and Berry Medley	Receipt Condition	Ambient temperature
Lot Number	2202247	Login Date	03-Mar-2022
Description	5170116	Date Started	04-Mar-2022
		Sampled	Sample results apply as received
		Online Order	11242-16E2A318

Analysis	Limit	Result	Pass/Fail
Multi-Residue Analysis for hemp products - 500+ compounds			
Temephos		<0.10 mg/kg	
Terbacil		<0.10 mg/kg	
Terbufos		<0.10 mg/kg	
Terbufos sulfone		<0.10 mg/kg	
Terbufos sulfoxide		<0.10 mg/kg	
Terbumeton		<0.10 mg/kg	
Terbuthylazine		<0.10 mg/kg	
Terbutryn		<0.10 mg/kg	
Tetrachloroaniline, 2,3,5,6-		<0.10 mg/kg	
Tetrachloroanisole, 2,3,4,5-		<0.10 mg/kg	
Tetrachlorvinphos		<0.10 mg/kg	
Tetraconazole		<0.10 mg/kg	
Tetradifon		<0.10 mg/kg	
Thiabendazole		<0.10 mg/kg	
Thiabendazole-5-hydroxy-		<0.10 mg/kg	
Thiacloprid		<0.10 mg/kg	
Thiamethoxam		<0.10 mg/kg	
Thiazopir		<0.10 mg/kg	
Thiobencarb (Benthiocarb)		<0.10 mg/kg	
Thiodicarb		<0.10 mg/kg	
Thiofanox		<0.10 mg/kg	
Thiofanox sulfone		<0.10 mg/kg	
Thiofanox sulfoxide		<0.10 mg/kg	
Thionazin (Zinophos)		<0.10 mg/kg	
Thiophanate-methyl		<0.10 mg/kg	
Tolclofos-methyl		<0.10 mg/kg	
Tolfenpyrad		<0.10 mg/kg	
Tolyfluanid		<0.10 mg/kg	
Triadimefon		<0.10 mg/kg	

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PO Number	Canopy Growth Citrus and Berry Medley	Receipt Condition	Ambient temperature
Lot Number	2202247	Login Date	03-Mar-2022
Description	5170116	Date Started	04-Mar-2022
		Sampled	Sample results apply as received
		Online Order	11242-16E2A318

Analysis	Limit	Result	Pass/Fail
Multi-Residue Analysis for hemp products - 500+ compounds			
Triadimenol		<0.10 mg/kg	
Triazophos		<0.10 mg/kg	
Tribufos (DEF)		<0.10 mg/kg	
Trichlorfon (Metrifonate)		<0.10 mg/kg	
Trichloroanisoole, 2,4,6-		<0.10 mg/kg	
Tricyclazole		<0.10 mg/kg	
Trietazine		<0.10 mg/kg	
Trifloxystrobin		<0.10 mg/kg	
Triflumizole		<0.10 mg/kg	
Triflumuron		<0.10 mg/kg	
Trifluralin		<0.10 mg/kg	
Triforine		<0.20 mg/kg	
Trimethacarb		<0.10 mg/kg	
Triticonazole		<0.10 mg/kg	
Uniconazole		<0.10 mg/kg	
Vamidothion		<0.10 mg/kg	
Vinclozolin		<0.10 mg/kg	
Zoxamide		<0.10 mg/kg	
Fluxapyroxad		<0.10 mg/kg	

Method References Testing Location

Elements by ICP Mass Spectrometry (ICP_MS_S)

Food Integrity Innovation-Madison
6304 Ronald Reagan Ave Madison, WI 53704 USA

Official Methods of Analysis, Method 2011.19 and 993.14, AOAC INTERNATIONAL, (Modified).
Paquette, L.H., Szabo, A., Thompson, J.J., "Simultaneous Determination of Chromium, Selenium, and Molybdenum in Nutritional Products by Inductively Coupled Plasma/Mass Spectrometry: Single-Laboratory Validation," Journal of AOAC International, 94(4): 1240 - 1252 (2011).

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Norco CA 92860 United States

Method References	Testing Location
Industrial Hemp Cannabinoid Profile (IHCBD_S) Official Methods of Analysis, AOAC 2018.11, AOAC International, Gaithersburg, MD (Modified).	Food Integrity Innovation-Madison 6304 Ronald Reagan Ave Madison, WI 53704 USA
Multi-Residue Analysis for hemp products - 500+ compounds (PEST_HEMP) <i>Official Methods of Analysis, AOAC Official Method 2007.01</i> , Pesticide Residues in Foods by Acetonitrile Extraction and Partitioning with Magnesium Sulfate, AOAC INTERNATIONAL (modified). <i>CEN Standard Method EN 15662</i> : 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. List of the tested pesticides and their limits of quantification (LOQs) are available upon request.	Food Integrity Innovation-Madison 6304 Ronald Reagan Ave Madison, WI 53704 USA
Mycotoxins in Raw Materials (MYCO_REG_S) Varga, E., Glauner, T., Koppen, R., Mayer, K., Sulyok, M., Schumacher, R., Krska, R. and Berthiller, F., "Stable isotope dilution assay for the accurate determination of mycotoxins in maize by UHPLC-MS/MS," Analytical and BioAnalytical Chemistry, 402:2675-2686 (2012).	Food Integrity Innovation-Madison 6304 Ronald Reagan Ave Madison, WI 53704 USA
Residual Solvent Analysis in Cannabis and Hemp Matrices (CANN_SOL_S) Internally Developed Method	Food Integrity Innovation-Madison 6304 Ronald Reagan Ave Madison, WI 53704 USA

Testing Location(s)	Released on Behalf of Eurofins by
Food Integrity Innovation-Madison Eurofins Food Chemistry Testing Madison, Inc. 6304 Ronald Reagan Ave Madison WI 53704 800-675-8375	Edward Ladwig - President Eurofins Food Chemistry Testing Madison  2918.01

These results apply only to the items tested. This certificate of analysis shall not be reproduced, except in its entirety, without the written approval of Eurofins. Measurement uncertainty for individual analyses can be obtained upon request.

Certificate of Analysis

Better Nutritionals, LLC

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Norco CA 92860 United States

Sample Name:	Canopy Growth Raspberry Middle	Eurofins Sample:	11514797
Project ID	BETTER_NUT-20220303-0035	Receipt Date	04-Mar-2022
PO Number	Canopy Growth Citrus and Berry Medley	Receipt Condition	Ambient temperature
Lot Number	2202235	Login Date	03-Mar-2022
Description	5170121	Date Started	04-Mar-2022
		Sampled	Sample results apply as received
		Online Order	11242-16E2A318

Analysis

Result

Industrial Hemp Cannabinoid Profile

CBDVA	None detected at detection limit of 0.0004 %
CBDV	<0.00250 %
CBDA	None detected at detection limit of 0.0004 %
CBGA	None detected at detection limit of 0.0004 %
CBG	None detected at detection limit of 0.0008 %
CBD	3.03 mg/g
THCV	None detected at detection limit of 0.0008 %
CBN	None detected at detection limit of 0.0004 %
Delta 9-THC	None detected at detection limit of 0.0008 %
Delta 8-THC	None detected at detection limit of 0.0017 %
THCA	None detected at detection limit of 0.0017 %
CBC	None detected at detection limit of 0.0008 %
THCVA	None detected at detection limit of 0.0004 %
CBNA	None detected at detection limit of 0.0004 %
CBCA	None detected at detection limit of 0.0017 %
CBL	None detected at detection limit of 0.0004 %
Total Cannabinoids	0.303 %
Total THC (THC + (THCA x 0.877))	Not Detected %
Total CBD (CBD + (CBDA x 0.877))	3.03 mg/g

Certificate of Analysis

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Norco CA 92860 United States

Sample Name:	Canopy Growth Raspberry Middle	Eurofins Sample:	11514797
Project ID	BETTER_NUT-20220303-0035	Receipt Date	04-Mar-2022
PO Number	Canopy Growth Citrus and Berry Medley	Receipt Condition	Ambient temperature
Lot Number	2202235	Login Date	03-Mar-2022
Description	5170121	Date Started	04-Mar-2022
		Sampled	Sample results apply as received
		Online Order	11242-16E2A318

Analysis	Result
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Elements by ICP Mass Spectrometry

Arsenic	<10.0 ppb
Cadmium	<5.00 ppb
Lead	11.3 ppb
Mercury	<5.00 ppb

Analysis	Limit	Result	Pass/Fail
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Mycotoxins in Raw Materials

Aflatoxin B1		<0.500 ppb	
Aflatoxin B2		<0.500 ppb	
Aflatoxin G1		<0.500 ppb	
Aflatoxin G2		<0.500 ppb	
Ochratoxin A	20 ppb	<1.00 ppb	Pass
Sum of B1 B2 G1 and G2	20 ppb	<2.00 ppb	Pass

Residual Solvent Analysis in Cannabis and Hemp Matrices

1,2-Dichloroethane	<1.0 ppm
2-Propanol	<500 ppm
Acetone	<200 ppm
Acetonitrile	<200 ppm
Benzene	<1.0 ppm
Chloroform	<1.0 ppm
Ethanol	<500 ppm
Ethyl Acetate	<500 ppm
Ethyl Ether	<500 ppm
Ethylene Oxide	<25.0 ppm
Methanol	<500 ppm
Methylene Chloride	<1.0 ppm
n-Hexane	<30.0 ppm
Propane	<1000 ppm
Toluene	<90.0 ppm
Trichloroethylene	<1.0 ppm

Summed Group 1 (Butanes)

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Better Nutritionals, LLC

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Sample Name:	Canopy Growth Raspberry Middle	Eurofins Sample:	11514797
Project ID	BETTER_NUT-20220303-0035	Receipt Date	04-Mar-2022
PO Number	Canopy Growth Citrus and Berry Medley	Receipt Condition	Ambient temperature
Lot Number	2202235	Login Date	03-Mar-2022
Description	5170121	Date Started	04-Mar-2022
		Sampled	Sample results apply as received
		Online Order	11242-16E2A318

Analysis	Limit	Result	Pass/Fail
Residual Solvent Analysis in Cannabis and Hemp Matrices			
Isobutane (2-Methylpropane)		<500 ppm	
n-Butane		<500 ppm	
Sum of Butanes		<1000 ppm	
Summed Group 2 (Heptanes)			
2,2,3-Trimethylbutane		<50.0 ppm	
2,2-Dimethylpentane		<50.0 ppm	
2,3-Dimethylpentane		<50.0 ppm	
2,4-Dimethylpentane		<50.0 ppm	
2-Methylhexane		<50.0 ppm	
3,3-Dimethylpentane		<50.0 ppm	
3-Ethylpentane		<50.0 ppm	
3-Methylhexane		<50.0 ppm	
n-Heptane		<50.0 ppm	
Sum of Heptanes		<450 ppm	
Summed Group 3 (Petroleum Ether)			
2,2-Dimethylbutane		<25.0 ppm	
2,3-Dimethylbutane		<25.0 ppm	
2-Methylpentane		<25.0 ppm	
3-Methylpentane		<25.0 ppm	
n-Pentane		<25.0 ppm	
Sum of Petroleum Ether		<125 ppm	
Summed Group 4 (Xylenes)			
Xylenes-1 (Ethylbenzene)		<40.0 ppm	
Xylenes-2 (m- p-Xylene)		<140 ppm	
Xylenes-3 (o-Xylene)		<20.0 ppm	
Sum of Xylenes		<200 ppm	
Multi-Residue Analysis for hemp products - 500+ compounds			
Abamectin		<0.30 mg/kg	
Acephate		<0.10 mg/kg	
Acequinocyl		<1.0 mg/kg	

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Better Nutritionals, LLC

3390 Horseless Carriage Dr.
Norco CA 92860 United States

Sample Name:	Canopy Growth Raspberry Middle	Eurofins Sample:	11514797
Project ID	BETTER_NUT-20220303-0035	Receipt Date	04-Mar-2022
PO Number	Canopy Growth Citrus and Berry Medley	Receipt Condition	Ambient temperature
Lot Number	2202235	Login Date	03-Mar-2022
Description	5170121	Date Started	04-Mar-2022
		Sampled	Sample results apply as received
		Online Order	11242-16E2A318

Analysis	Limit	Result	Pass/Fail
Multi-Residue Analysis for hemp products - 500+ compounds			
Acetamiprid		<0.10 mg/kg	
Acetochlor		<0.10 mg/kg	
Acibenzolar-S-methyl		<0.10 mg/kg	
Aclonifen		<0.10 mg/kg	
Acrinathrin		<0.10 mg/kg	
Alachlor		<0.10 mg/kg	
Aldicarb		<0.10 mg/kg	
Aldicarb sulfone (Aldoxycarb)		<0.10 mg/kg	
Aldicarb sulfoxide		<0.10 mg/kg	
Aldrin		<0.10 mg/kg	
Allethrin		non-analyzable	
Ametryn		<0.10 mg/kg	
Aminocarb		<0.10 mg/kg	
Amitraz metabolite DMF		<0.10 mg/kg	
Anilofos		<0.10 mg/kg	
Atrazine		<0.10 mg/kg	
Azaconazole		<0.10 mg/kg	
Azamethiphos		<0.10 mg/kg	
Azinphos-ethyl		<0.10 mg/kg	
Azinphos-methyl		<0.10 mg/kg	
Azoxystrobin		<0.10 mg/kg	
Beflubutamid		<0.10 mg/kg	
Benalaxyl		<0.10 mg/kg	
Bendiocarb		<0.10 mg/kg	
Benfluralin		<0.10 mg/kg	
Benoxacor		<0.10 mg/kg	
Benzoximate		<0.10 mg/kg	
Bifenazate		<0.10 mg/kg	
Bifenox		<0.10 mg/kg	
Bifenthrin		<0.10 mg/kg	

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Description	5170121	Date Started	04-Mar-2022
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		Online Order	11242-16E2A318

Analysis	Limit	Result	Pass/Fail
Multi-Residue Analysis for hemp products - 500+ compounds			
Bitertanol		<0.10 mg/kg	
Bixafen		<0.10 mg/kg	
Boscalid		<0.10 mg/kg	
Bromacil		<0.10 mg/kg	
Bromophos-ethyl		<0.10 mg/kg	
Bromophos-methyl		<0.10 mg/kg	
Bromopropylate		<0.10 mg/kg	
Bromuconazole (2 diastereoisomers)		<0.10 mg/kg	
Bupirimate		<0.10 mg/kg	
Buprofezin		<0.10 mg/kg	
Butachlor		<0.10 mg/kg	
Butafenacil		<0.10 mg/kg	
Butocarboxim		<0.10 mg/kg	
Butocarboxim sulfoxide		<0.10 mg/kg	
Butoxycarboxim		<0.10 mg/kg	
Butylate		<0.10 mg/kg	
Cadusafos		<0.10 mg/kg	
Captan (as THPI)		<0.20 mg/kg	
Carbaryl		<0.10 mg/kg	
Carbendazim		<0.20 mg/kg	
Carbetamide		<0.10 mg/kg	
Carbofuran		<0.10 mg/kg	
Carbofuran-3-hydroxy-		<0.10 mg/kg	
Carbophenothion		<0.10 mg/kg	
Carboxin		<0.10 mg/kg	
Carfentrazone-ethyl		<0.10 mg/kg	
Chlorantraniliprole		<0.10 mg/kg	
Chlorbromuron		<0.10 mg/kg	
Chlordane, cis-		<0.10 mg/kg	
Chlordane, trans-		<0.10 mg/kg	

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Analysis	Limit	Result	Pass/Fail
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Multi-Residue Analysis for hemp products - 500+ compounds

Chlorfenapyr		<0.10 mg/kg	
Chlorfenvinphos (E- and Z-isomers)		<0.10 mg/kg	
Chloridazon (Pyrazon)		<0.10 mg/kg	
Chlorobenzilate		<0.10 mg/kg	
Chlorotoluron (Chlortoluron)		<0.10 mg/kg	
Chloroxuron		<0.10 mg/kg	
Chlorpropham (CIPC)		<0.10 mg/kg	
Chlorpyrifos		<0.10 mg/kg	
Chlorpyrifos-methyl		<0.10 mg/kg	
Clodinafop-propargyl		<0.20 mg/kg	
Clofentezine		<0.10 mg/kg	
Clomazone		<0.10 mg/kg	
Cloquintocet-mexyl		<0.10 mg/kg	
Clothianidin		<0.10 mg/kg	
Coumaphos		<0.10 mg/kg	
Cyanazine		<0.10 mg/kg	
Cyanofenphos		non-analyzable	
Cyazofamid		<0.10 mg/kg	
Cycloate		non-analyzable	
Cycluron		<0.10 mg/kg	
Cyflufenamid		<0.10 mg/kg	
Cyfluthrin		<0.10 mg/kg	
Cymiazole		<0.10 mg/kg	
Cymoxanil		<0.10 mg/kg	
Cypermethrin		<0.10 mg/kg	
Cyproconazole (2 diastereoisomers)		<0.10 mg/kg	
Cyprodinil		<0.10 mg/kg	
DDD, o,p'-		<0.10 mg/kg	
DDD, p,p'-		<0.10 mg/kg	
DDE, o,p'-		<0.10 mg/kg	

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Analysis	Limit	Result	Pass/Fail
Multi-Residue Analysis for hemp products - 500+ compounds			
DDE, p,p'-		<0.10 mg/kg	
DDT, o,p'-		<0.10 mg/kg	
DDT, p,p'-		<0.10 mg/kg	
DEET (Diethyltoluamide)		<0.10 mg/kg	
DMST (Dimethylaminosulfotoluidide)		<0.10 mg/kg	
Dacthal (Chlorthal-dimethyl, DCPA)		<0.10 mg/kg	
Deltamethrin		<0.10 mg/kg	
Demeton-O		<0.10 mg/kg	
Demeton-S		<0.10 mg/kg	
Demeton-S-methyl		<0.10 mg/kg	
Demeton-S-methyl sulfone		<0.10 mg/kg	
Desmedipham		<0.10 mg/kg	
Dialifos (Dialifor)		<0.10 mg/kg	
Diazinon		<0.10 mg/kg	
Diazinon oxon		<0.10 mg/kg	
Dichlobenil		<0.10 mg/kg	
Dichlofenthion		<0.10 mg/kg	
Dichlofluanid		<0.10 mg/kg	
Dichlorvos		<0.10 mg/kg	
Diclobutrazol		<0.10 mg/kg	
Diclocymet (2 diastereoisomers)		<0.10 mg/kg	
Dicloran (DCNA)		<0.10 mg/kg	
Dicrotophos		<0.10 mg/kg	
Dieldrin		<0.10 mg/kg	
Diethofencarb		<0.10 mg/kg	
Difenoconazole (cis- and trans-)		<0.10 mg/kg	
Diflubenzuron		<0.10 mg/kg	
Diflufenican		<0.10 mg/kg	
Dimethachlor		<0.10 mg/kg	
Dimethametryn		<0.10 mg/kg	

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Analysis	Limit	Result	Pass/Fail
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Multi-Residue Analysis for hemp products - 500+ compounds

Dimethenamid		<0.10 mg/kg	
Dimethoate		<0.10 mg/kg	
Dimethomorph (E- and Z-isomers)		<0.10 mg/kg	
Dimetilan		<0.10 mg/kg	
Dimoxystrobin		<0.10 mg/kg	
Diniconazole		<0.10 mg/kg	
Dinitramine		<0.20 mg/kg	
Dinotefuran		<0.10 mg/kg	
Dioxacarb		<0.10 mg/kg	
Diphenamid		<0.10 mg/kg	
Diphenylamine		<0.10 mg/kg	
Dipropetryn		<0.10 mg/kg	
Disulfoton		<0.10 mg/kg	
Disulfoton sulfone		<0.10 mg/kg	
Disulfoton sulfoxide		<0.10 mg/kg	
EPN		<0.10 mg/kg	
Endosulfan I (alpha-isomer)		<0.20 mg/kg	
Endosulfan II (beta-isomer)		<0.20 mg/kg	
Endosulfan sulfate		<0.20 mg/kg	
Epoxiconazole		<0.10 mg/kg	
Ethaboxam		<0.10 mg/kg	
Ethalfuralin		<0.10 mg/kg	
Ethidimuron (Sulfadiazole)		<0.10 mg/kg	
Ethiofencarb		<0.10 mg/kg	
Ethiofencarb sulfone		<0.10 mg/kg	
Ethiofencarb sulfoxide		<0.10 mg/kg	
Ethion		<0.10 mg/kg	
Ethiprole		<0.10 mg/kg	
Ethirimol		<0.10 mg/kg	
Ethofumesate		<0.20 mg/kg	

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Analysis	Limit	Result	Pass/Fail
Multi-Residue Analysis for hemp products - 500+ compounds			
Ethoprophos (Ethoprop)		<0.10 mg/kg	
Etofenprox		<0.10 mg/kg	
Etoxazole		<0.10 mg/kg	
Etrimfos		<0.10 mg/kg	
Famoxadone		<0.10 mg/kg	
Fenamidone		<0.10 mg/kg	
Fenamiphos		<0.10 mg/kg	
Fenamiphos sulfone		<0.10 mg/kg	
Fenamiphos sulfoxide		<0.10 mg/kg	
Fenarimol		<0.10 mg/kg	
Fenazaquin		<0.10 mg/kg	
Fenbuconazole		<0.10 mg/kg	
Fenchlorphos (Ronnel)		<0.10 mg/kg	
Fenchlorphos oxon		<0.10 mg/kg	
Fenitrothion		<0.10 mg/kg	
Fenobucarb		<0.10 mg/kg	
Fenoxanil (sum of isomers)		<0.10 mg/kg	
Fenoxycarb		<0.10 mg/kg	
Fenpropathrin		<0.10 mg/kg	
Fenpyroximate		<0.10 mg/kg	
Fensulfothion		<0.10 mg/kg	
Fensulfothion oxon		<0.10 mg/kg	
Fensulfothion oxon sulfone		<0.10 mg/kg	
Fensulfothion sulfone		<0.10 mg/kg	
Fenthion		<0.10 mg/kg	
Fenthion oxon		<0.10 mg/kg	
Fenthion oxon sulfone		<0.10 mg/kg	
Fenthion oxon sulfoxide		<0.10 mg/kg	
Fenthion sulfone		<0.10 mg/kg	
Fenthion sulfoxide		<0.10 mg/kg	

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Analysis	Limit	Result	Pass/Fail
Multi-Residue Analysis for hemp products - 500+ compounds			
Fentrazamide		<0.10 mg/kg	
Fenuron		<0.10 mg/kg	
Fenvalerate/Esfenvalerate (sum of isomers)		<0.20 mg/kg	
Fipronil		<0.10 mg/kg	
Fipronil desulfinyl		<0.10 mg/kg	
Fipronil sulfone		<0.10 mg/kg	
Flonicamid		<0.10 mg/kg	
Fluazifop-butyl		<0.10 mg/kg	
Flucythrinate (sum of isomers)		<0.20 mg/kg	
Fludioxonil		<0.10 mg/kg	
Flufenacet		<0.20 mg/kg	
Flufenoxuron		<0.10 mg/kg	
Flumioxazin		<0.10 mg/kg	
Fluometuron		<0.10 mg/kg	
Fluopicolide		<0.10 mg/kg	
Fluopyram		<0.10 mg/kg	
Fluoxastrobin		<0.10 mg/kg	
Fluquinconazole		<0.10 mg/kg	
Fluridone		<0.10 mg/kg	
Flusilazole		<0.10 mg/kg	
Flutolanil		<0.10 mg/kg	
Flutriafol		<0.10 mg/kg	
Fluvalinate tau- (sum of isomers)		<0.20 mg/kg	
Fonofos		<0.10 mg/kg	
Forchlorfenuron		<0.10 mg/kg	
Formothion		<0.10 mg/kg	
Fosthiazate (sum of isomers)		<0.10 mg/kg	
Fuberidazole		<0.10 mg/kg	
Furalaxyl		<0.10 mg/kg	
Furathiocarb		<0.10 mg/kg	

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Analysis	Limit	Result	Pass/Fail
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Multi-Residue Analysis for hemp products - 500+ compounds

Griseofulvin		<0.10 mg/kg	
HCH, alpha- (alpha-BHC)		<0.10 mg/kg	
HCH, beta- (beta-BHC)		<0.10 mg/kg	
HCH, delta- (delta-BHC)		<0.10 mg/kg	
Halofenozide		<0.10 mg/kg	
Haloxyp-methyl		<0.10 mg/kg	
Heptachlor		<0.10 mg/kg	
Heptachlor endo-epoxide		<0.10 mg/kg	
Heptachlor exo-epoxide		<0.10 mg/kg	
Hexachlorobenzene (HCB)		<0.10 mg/kg	
Hexaconazole		<0.10 mg/kg	
Hexaflumuron		<0.10 mg/kg	
Hexazinone		<0.10 mg/kg	
Hexythiazox		<0.10 mg/kg	
Hydroprene, S- (sum of isomers)		non-analyzable	
Imazalil		<0.10 mg/kg	
Imazamethabenz-methyl		<0.10 mg/kg	
Imidacloprid		<0.10 mg/kg	
Indoxacarb		<0.10 mg/kg	
Ipconazole		<0.10 mg/kg	
Iprovalicarb		<0.10 mg/kg	
Isocarbamid		<0.10 mg/kg	
Isocarbophos		<0.10 mg/kg	
Isofenphos		<0.10 mg/kg	
Isofenphos-methyl		<0.10 mg/kg	
Isoprocarb		<0.10 mg/kg	
Isoprothiolane		<0.10 mg/kg	
Isoproturon		<0.10 mg/kg	
Isoxaben		<0.10 mg/kg	
Isoxadifen-ethyl		<0.10 mg/kg	

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Analysis	Limit	Result	Pass/Fail
Multi-Residue Analysis for hemp products - 500+ compounds			
Isoxaflutole		<0.10 mg/kg	
Isoxathion		<0.10 mg/kg	
Kresoxim-methyl		<0.10 mg/kg	
Lactofen		<0.10 mg/kg	
Lenacil		<0.10 mg/kg	
Lindane (gamma-HCH, gamma-BHC)		<0.10 mg/kg	
Linuron		<0.10 mg/kg	
Lufenuron		non-analyzable	
MGK 264 (sum of isomers)		<0.10 mg/kg	
Malaoxon		<0.10 mg/kg	
Malathion		<0.10 mg/kg	
Mandipropamid		<0.10 mg/kg	
Mecarbam		<0.10 mg/kg	
Mepanipyrim		<0.10 mg/kg	
Mepanipyrim-2-hydroxypropyl		<0.10 mg/kg	
Mephosfolan		<0.10 mg/kg	
Metaflumizone		<0.10 mg/kg	
Metalaxyl		<0.10 mg/kg	
Metamitron		<0.10 mg/kg	
Metazachlor		<0.10 mg/kg	
Metconazole		<0.10 mg/kg	
Methabenzthiazuron		<0.10 mg/kg	
Methacrifos		<0.10 mg/kg	
Methamidophos		<0.10 mg/kg	
Methidathion		<0.10 mg/kg	
Methiocarb		<0.10 mg/kg	
Methiocarb sulfone		<0.10 mg/kg	
Methiocarb sulfoxide		<0.10 mg/kg	
Methomyl		<0.10 mg/kg	
Methoprotrene		<0.10 mg/kg	

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Analysis	Limit	Result	Pass/Fail
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Multi-Residue Analysis for hemp products - 500+ compounds

Methoxychlor		non-analyzable	
Methoxyfenozide		<0.10 mg/kg	
Metobromuron		<0.10 mg/kg	
Metolachlor		<0.10 mg/kg	
Metolcarb		<0.10 mg/kg	
Metoxuron		<0.10 mg/kg	
Metrafenone		<0.10 mg/kg	
Metribuzin		<0.10 mg/kg	
Mevinphos (E- and Z-isomers)		<0.10 mg/kg	
Mexacarbate		<0.10 mg/kg	
Mirex		<0.10 mg/kg	
Molinate		<0.10 mg/kg	
Monocrotophos		<0.10 mg/kg	
Monolinuron		<0.10 mg/kg	
Myclobutanil		<0.10 mg/kg	
Naled (Dibrom)		<0.10 mg/kg	
Napropamide		<0.10 mg/kg	
Neburon		<0.10 mg/kg	
Nitenpyram		<0.10 mg/kg	
Nitrofen		<0.10 mg/kg	
Nonachlor, cis-		<0.10 mg/kg	
Nonachlor, trans-		<0.10 mg/kg	
Norflurazon		<0.10 mg/kg	
Norflurazon-desmethyl		<0.10 mg/kg	
Novaluron		<0.10 mg/kg	
Nuarimol		<0.10 mg/kg	
Ofurace		<0.10 mg/kg	
Omethoate		<0.10 mg/kg	
Oxadiazon		<0.10 mg/kg	
Oxadixyl		<0.10 mg/kg	

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Analysis	Limit	Result	Pass/Fail
Multi-Residue Analysis for hemp products - 500+ compounds			
Oxamyl		<0.10 mg/kg	
Oxamyl oxime		<0.10 mg/kg	
Oxycarboxin		<0.10 mg/kg	
Oxychlorane		<0.10 mg/kg	
Oxydemeton-methyl		<0.10 mg/kg	
Oxyfluorfen		<0.10 mg/kg	
Paclobutrazol		<0.10 mg/kg	
Paraaxon		<0.10 mg/kg	
Paraaxon-methyl		<0.10 mg/kg	
Parathion		<0.10 mg/kg	
Parathion-methyl		<0.10 mg/kg	
Penconazole		<0.10 mg/kg	
Pencycuron		<0.10 mg/kg	
Pendimethalin		<0.10 mg/kg	
Pentachloroaniline		<0.10 mg/kg	
Pentachloroanisole		<0.10 mg/kg	
Pentachlorobenzene		<0.10 mg/kg	
Pentachlorobenzonitrile		<0.10 mg/kg	
Pentachlorothioanisole		<0.10 mg/kg	
Permethrin (sum of isomers)		<0.10 mg/kg	
Perthane (Ethylan)		<0.10 mg/kg	
Phenmedipham		<0.10 mg/kg	
Phenthoate		<0.10 mg/kg	
Phorate		<0.10 mg/kg	
Phorate sulfone		<0.10 mg/kg	
Phorate sulfoxide		<0.10 mg/kg	
Phosalone		<0.10 mg/kg	
Phosmet		<0.10 mg/kg	
Phosmet oxon		<0.10 mg/kg	
Phosphamidon (E- and Z-isomers)		<0.10 mg/kg	

Certificate of Analysis

Better Nutritionals, LLC

3390 Horseless Carriage Dr.
Norco CA 92860 United States

Sample Name:	Canopy Growth Raspberry Middle	Eurofins Sample:	11514797
Project ID	BETTER_NUT-20220303-0035	Receipt Date	04-Mar-2022
PO Number	Canopy Growth Citrus and Berry Medley	Receipt Condition	Ambient temperature
Lot Number	2202235	Login Date	03-Mar-2022
Description	5170121	Date Started	04-Mar-2022
		Sampled	Sample results apply as received
		Online Order	11242-16E2A318

Analysis	Limit	Result	Pass/Fail
Multi-Residue Analysis for hemp products - 500+ compounds			
Phoxim		<0.10 mg/kg	
Picolinafen		<0.10 mg/kg	
Picoxystrobin		<0.10 mg/kg	
Piperonyl butoxide		<0.10 mg/kg	
Piperophos		<0.10 mg/kg	
Pirimicarb		<0.10 mg/kg	
Pirimicarb-desmethyl		<0.10 mg/kg	
Pirimiphos-ethyl		<0.10 mg/kg	
Pirimiphos-methyl		<0.10 mg/kg	
Pirimiphos-methyl, N-desethyl-		<0.10 mg/kg	
Prallethrin		<1.0 mg/kg	
Pretilachlor		<0.10 mg/kg	
Prochloraz		<0.10 mg/kg	
Procymidone		<0.10 mg/kg	
Prodiamine		<0.10 mg/kg	
Profenofos		<0.10 mg/kg	
Profluralin		<0.10 mg/kg	
Promecarb		<0.10 mg/kg	
Prometon		<0.10 mg/kg	
Prometryn		<0.10 mg/kg	
Propanil		<0.10 mg/kg	
Propaquizafop		<0.10 mg/kg	
Propargite		<0.10 mg/kg	
Propetamphos		<0.10 mg/kg	
Propham		<0.10 mg/kg	
Propiconazole (sum of isomers)		<0.10 mg/kg	
Propoxur		<0.10 mg/kg	
Propyzamide (Pronamide)		<0.10 mg/kg	
Prosulfocarb		<0.10 mg/kg	
Prothioconazole-desthio		non-analyzable	

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Sample Name:	Canopy Growth Raspberry Middle	Eurofins Sample:	11514797
Project ID	BETTER_NUT-20220303-0035	Receipt Date	04-Mar-2022
PO Number	Canopy Growth Citrus and Berry Medley	Receipt Condition	Ambient temperature
Lot Number	2202235	Login Date	03-Mar-2022
Description	5170121	Date Started	04-Mar-2022
		Sampled	Sample results apply as received
		Online Order	11242-16E2A318

Analysis	Limit	Result	Pass/Fail
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Multi-Residue Analysis for hemp products - 500+ compounds

Prothiofos		<0.10 mg/kg	
Pymetrozine		non-analyzable	
Pyracarbolid		<0.10 mg/kg	
Pyraclostrobin		<0.10 mg/kg	
Pyraflufen-ethyl		<0.10 mg/kg	
Pyrazophos		<0.10 mg/kg	
Pyrethrum (total)		<1.0 mg/kg	
Pyridaben		<0.10 mg/kg	
Pyridaphenthion		<0.10 mg/kg	
PyrifenoX (E- and Z-isomers)		<0.10 mg/kg	
Pyrimethanil		<0.10 mg/kg	
Pyriproxyfen		<0.10 mg/kg	
Pyroquilon		<0.10 mg/kg	
Quinalphos		<0.10 mg/kg	
Quinoclamine		<0.10 mg/kg	
Quinoxifen		<0.10 mg/kg	
Quintozene		<0.10 mg/kg	
Quizalofop-ethyl		<0.10 mg/kg	
Rotenone		<0.10 mg/kg	
S421		<0.10 mg/kg	
Schradan (Octamethylpyrophosphoramidate)		non-analyzable	
Secbumeton		<0.10 mg/kg	
Siduron		<0.10 mg/kg	
Silthiofam		<0.10 mg/kg	
Simazine		<0.10 mg/kg	
Simeconazole		<0.10 mg/kg	
Simetryn		<0.10 mg/kg	
Spinetoram (spinosyns J and L)		<0.10 mg/kg	
Spinosad (spinosyns A and D)		<0.10 mg/kg	
Spirodiclofen		non-analyzable	

Certificate of Analysis

Better Nutritionals, LLC

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Sample Name:	Canopy Growth Raspberry Middle	Eurofins Sample:	11514797
Project ID	BETTER_NUT-20220303-0035	Receipt Date	04-Mar-2022
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Lot Number	2202235	Login Date	03-Mar-2022
Description	5170121	Date Started	04-Mar-2022
		Sampled	Sample results apply as received
		Online Order	11242-16E2A318

Analysis	Limit	Result	Pass/Fail
Multi-Residue Analysis for hemp products - 500+ compounds			
Spiromesifen		<0.10 mg/kg	
Spirotetramat		<0.10 mg/kg	
Spiroxamine (2 diastereoisomers)		<0.10 mg/kg	
Sulfallate		<0.10 mg/kg	
Sulprofos		<0.10 mg/kg	
Tebuconazole		<0.10 mg/kg	
Tebufenozide		<0.10 mg/kg	
Tebufenpyrad		<0.10 mg/kg	
Tebupirimfos		<0.10 mg/kg	
Tebuthiuron		<0.10 mg/kg	
Tecnazene		<0.10 mg/kg	
Teflubenzuron		<0.20 mg/kg	
Tefluthrin		<0.10 mg/kg	
Temephos		<0.10 mg/kg	
Terbacil		<0.10 mg/kg	
Terbufos		<0.10 mg/kg	
Terbufos sulfone		<0.10 mg/kg	
Terbufos sulfoxide		<0.10 mg/kg	
Terbumeton		<0.10 mg/kg	
Terbuthylazine		<0.10 mg/kg	
Terbutryn		<0.10 mg/kg	
Tetrachloroaniline, 2,3,5,6-		<0.10 mg/kg	
Tetrachloroanisole, 2,3,4,5-		<0.10 mg/kg	
Tetrachlorvinphos		<0.10 mg/kg	
Tetraconazole		<0.10 mg/kg	
Tetradifon		<0.10 mg/kg	
Thiabendazole		<0.10 mg/kg	
Thiabendazole-5-hydroxy-		<0.10 mg/kg	
Thiacloprid		<0.10 mg/kg	
Thiamethoxam		<0.10 mg/kg	

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Sample Name:	Canopy Growth Raspberry Middle	Eurofins Sample:	11514797
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PO Number	Canopy Growth Citrus and Berry Medley	Receipt Condition	Ambient temperature
Lot Number	2202235	Login Date	03-Mar-2022
Description	5170121	Date Started	04-Mar-2022
		Sampled	Sample results apply as received
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Analysis	Limit	Result	Pass/Fail
Multi-Residue Analysis for hemp products - 500+ compounds			
Thiazopyr		<0.10 mg/kg	
Thiobencarb (Benthiocarb)		<0.10 mg/kg	
Thiodicarb		<0.10 mg/kg	
Thiofanox		<0.10 mg/kg	
Thiofanox sulfone		<0.10 mg/kg	
Thiofanox sulfoxide		<0.10 mg/kg	
Thionazin (Zinophos)		<0.10 mg/kg	
Thiophanate-methyl		<0.10 mg/kg	
Tolclofos-methyl		<0.10 mg/kg	
Tolfenpyrad		<0.10 mg/kg	
Tolyfluanid		<0.10 mg/kg	
Triadimefon		<0.10 mg/kg	
Triadimenol		<0.10 mg/kg	
Triazophos		<0.10 mg/kg	
Tribufos (DEF)		<0.10 mg/kg	
Trichlorfon (Metrifonate)		<0.10 mg/kg	
Trichloroanisole, 2,4,6-		<0.10 mg/kg	
Tricyclazole		<0.10 mg/kg	
Trietazine		<0.10 mg/kg	
Trifloxystrobin		<0.10 mg/kg	
Triflumizole		<0.10 mg/kg	
Triflumuron		<0.10 mg/kg	
Trifluralin		<0.10 mg/kg	
Triforine		<0.20 mg/kg	
Trimethacarb		<0.10 mg/kg	
Triticonazole		<0.10 mg/kg	
Uniconazole		<0.10 mg/kg	
Vamidothion		<0.10 mg/kg	
Vinclozolin		<0.10 mg/kg	
Zoxamide		<0.10 mg/kg	

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Lot Number	2202235	Login Date	03-Mar-2022
Description	5170121	Date Started	04-Mar-2022
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		Online Order	11242-16E2A318

Analysis	Limit	Result	Pass/Fail
Multi-Residue Analysis for hemp products - 500+ compounds			
Fluxapyroxad		<0.10 mg/kg	

Method References

Testing Location

Elements by ICP Mass Spectrometry (ICP_MS_S)

Food Integrity Innovation-Madison

6304 Ronald Reagan Ave Madison, WI 53704 USA

Official Methods of Analysis, Method 2011.19 and 993.14, AOAC INTERNATIONAL, (Modified).
Paquette, L.H., Szabo, A., Thompson, J.J., "Simultaneous Determination of Chromium, Selenium, and Molybdenum in Nutritional Products by Inductively Coupled Plasma/Mass Spectrometry: Single-Laboratory Validation," Journal of AOAC International, 94(4): 1240 - 1252 (2011).

Industrial Hemp Cannabinoid Profile (IHCBD_S)

Food Integrity Innovation-Madison

6304 Ronald Reagan Ave Madison, WI 53704 USA

Official Methods of Analysis, AOAC 2018.11, AOAC International, Gaithersburg, MD (Modified).

Multi-Residue Analysis for hemp products - 500+ compounds (PEST_HEMP)

Food Integrity Innovation-Madison

6304 Ronald Reagan Ave Madison, WI 53704 USA

Official Methods of Analysis, AOAC Official Method 2007.01, Pesticide Residues in Foods by Acetonitrile Extraction and Partitioning with Magnesium Sulfate, AOAC INTERNATIONAL (modified).

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.

List of the tested pesticides and their limits of quantification (LOQs) are available upon request.

Mycotoxins in Raw Materials (MYCO_REG_S)

Food Integrity Innovation-Madison

6304 Ronald Reagan Ave Madison, WI 53704 USA

Varga, E., Glauner, T., Koppen, R., Mayer, K., Sulyok, M., Schumacher, R., Krska, R. and Berthiller, F., "Stable isotope dilution assay for the accurate determination of mycotoxins in maize by UHPLC-MS/MS," Analytical and BioAnalytical Chemistry, 402:2675-2686 (2012).

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Norco CA 92860 United States

Method References

Testing Location

Residual Solvent Analysis in Cannabis and Hemp Matrices (CANN_SOL_S)

Food Integrity Innovation-Madison

6304 Ronald Reagan Ave Madison, WI 53704 USA

Internally Developed Method

Testing Location(s)

Released on Behalf of Eurofins by

Food Integrity Innovation-Madison

Edward Ladwig - President Eurofins Food
Chemistry Testing Madison

Eurofins Food Chemistry Testing Madison, Inc.
6304 Ronald Reagan Ave
Madison WI 53704
800-675-8375



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These results apply only to the items tested. This certificate of analysis shall not be reproduced, except in its entirety, without the written approval of Eurofins. Measurement uncertainty for individual analyses can be obtained upon request.

Certificate of Analysis

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Sample Name:	Canopy Growth Huckleberry Middle	Eurofins Sample:	11514885
Project ID	BETTER_NUT-20220303-0035	Receipt Date	04-Mar-2022
PO Number	Canopy Growth Citrus and Berry Medley	Receipt Condition	Ambient temperature
Lot Number	2202236	Login Date	03-Mar-2022
Description	5170118	Date Started	04-Mar-2022
		Sampled	Sample results apply as received
		Online Order	11242-16E2A318

Analysis

Result

Industrial Hemp Cannabinoid Profile

CBDVA	None detected at detection limit of 0.0004 %
CBDV	<0.00250 %
CBDA	None detected at detection limit of 0.0004 %
CBGA	None detected at detection limit of 0.0004 %
CBG	None detected at detection limit of 0.0008 %
CBD	2.96 mg/g
THCV	None detected at detection limit of 0.0008 %
CBN	None detected at detection limit of 0.0004 %
Delta 9-THC	None detected at detection limit of 0.0008 %
Delta 8-THC	None detected at detection limit of 0.0017 %
THCA	None detected at detection limit of 0.0017 %
CBC	None detected at detection limit of 0.0008 %
THCVA	None detected at detection limit of 0.0004 %
CBNA	None detected at detection limit of 0.0004 %
CBCA	None detected at detection limit of 0.0017 %
CBL	None detected at detection limit of 0.0004 %
Total Cannabinoids	0.296 %
Total THC (THC + (THCA x 0.877))	Not Detected %
Total CBD (CBD + (CBDA x 0.877))	2.96 mg/g

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Sample Name:	Canopy Growth Huckleberry Middle	Eurofins Sample:	11514885
Project ID	BETTER_NUT-20220303-0035	Receipt Date	04-Mar-2022
PO Number	Canopy Growth Citrus and Berry Medley	Receipt Condition	Ambient temperature
Lot Number	2202236	Login Date	03-Mar-2022
Description	5170118	Date Started	04-Mar-2022
		Sampled	Sample results apply as received
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Analysis	Result
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Elements by ICP Mass Spectrometry

Arsenic	<10.0 ppb
Cadmium	<5.00 ppb
Lead	7.98 ppb
Mercury	<5.00 ppb

Analysis	Limit	Result	Pass/Fail
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Mycotoxins in Raw Materials

Aflatoxin B1		<0.500 ppb	
Aflatoxin B2		<0.500 ppb	
Aflatoxin G1		<0.500 ppb	
Aflatoxin G2		<0.500 ppb	
Ochratoxin A	20 ppb	<1.00 ppb	Pass
Sum of B1 B2 G1 and G2	20 ppb	<2.00 ppb	Pass

Residual Solvent Analysis in Cannabis and Hemp Matrices

1,2-Dichloroethane	<1.0 ppm
2-Propanol	<500 ppm
Acetone	<200 ppm
Acetonitrile	<200 ppm
Benzene	<1.0 ppm
Chloroform	<1.0 ppm
Ethanol	<500 ppm
Ethyl Acetate	<500 ppm
Ethyl Ether	<500 ppm
Ethylene Oxide	<25.0 ppm
Methanol	<500 ppm
Methylene Chloride	<1.0 ppm
n-Hexane	<30.0 ppm
Propane	<1000 ppm
Toluene	<90.0 ppm
Trichloroethylene	<1.0 ppm

Summed Group 1 (Butanes)

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Norco CA 92860 United States

Sample Name:	Canopy Growth Huckleberry Middle	Eurofins Sample:	11514885
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Lot Number	2202236	Login Date	03-Mar-2022
Description	5170118	Date Started	04-Mar-2022
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Analysis	Limit	Result	Pass/Fail
Residual Solvent Analysis in Cannabis and Hemp Matrices			
Isobutane (2-Methylpropane)		<500 ppm	
n-Butane		<500 ppm	
Sum of Butanes		<1000 ppm	
Summed Group 2 (Heptanes)			
2,2,3-Trimethylbutane		<50.0 ppm	
2,2-Dimethylpentane		<50.0 ppm	
2,3-Dimethylpentane		<50.0 ppm	
2,4-Dimethylpentane		<50.0 ppm	
2-Methylhexane		<50.0 ppm	
3,3-Dimethylpentane		<50.0 ppm	
3-Ethylpentane		<50.0 ppm	
3-Methylhexane		<50.0 ppm	
n-Heptane		<50.0 ppm	
Sum of Heptanes		<450 ppm	
Summed Group 3 (Petroleum Ether)			
2,2-Dimethylbutane		<25.0 ppm	
2,3-Dimethylbutane		<25.0 ppm	
2-Methylpentane		<25.0 ppm	
3-Methylpentane		<25.0 ppm	
n-Pentane		<25.0 ppm	
Sum of Petroleum Ether		<125 ppm	
Summed Group 4 (Xylenes)			
Xylenes-1 (Ethylbenzene)		<40.0 ppm	
Xylenes-2 (m- p-Xylene)		<140 ppm	
Xylenes-3 (o-Xylene)		<20.0 ppm	
Sum of Xylenes		<200 ppm	
Multi-Residue Analysis for hemp products - 500+ compounds			
Abamectin		<0.30 mg/kg	
Acephate		<0.10 mg/kg	
Acequinocyl		<1.0 mg/kg	

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Lot Number	2202236	Login Date	03-Mar-2022
Description	5170118	Date Started	04-Mar-2022
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Analysis	Limit	Result	Pass/Fail
Multi-Residue Analysis for hemp products - 500+ compounds			
Acetamiprid		<0.10 mg/kg	
Acetochlor		<0.10 mg/kg	
Acibenzolar-S-methyl		<0.10 mg/kg	
Aclonifen		<0.10 mg/kg	
Acrinathrin		<0.10 mg/kg	
Alachlor		<0.10 mg/kg	
Aldicarb		<0.10 mg/kg	
Aldicarb sulfone (Aldoxycarb)		<0.10 mg/kg	
Aldicarb sulfoxide		<0.10 mg/kg	
Aldrin		<0.10 mg/kg	
Allethrin		non-analyzable	
Ametryn		<0.10 mg/kg	
Aminocarb		<0.10 mg/kg	
Amitraz metabolite DMF		<0.10 mg/kg	
Anilofos		<0.10 mg/kg	
Atrazine		<0.10 mg/kg	
Azaconazole		<0.10 mg/kg	
Azamethiphos		<0.10 mg/kg	
Azinphos-ethyl		<0.10 mg/kg	
Azinphos-methyl		<0.10 mg/kg	
Azoxystrobin		<0.10 mg/kg	
Beflubutamid		<0.10 mg/kg	
Benalaxyl		<0.10 mg/kg	
Bendiocarb		<0.10 mg/kg	
Benfluralin		<0.10 mg/kg	
Benoxacor		<0.10 mg/kg	
Benzoximate		<0.10 mg/kg	
Bifenazate		<0.10 mg/kg	
Bifenox		<0.10 mg/kg	
Bifenthrin		<0.10 mg/kg	

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Sample Name:	Canopy Growth Huckleberry Middle	Eurofins Sample:	11514885
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Lot Number	2202236	Login Date	03-Mar-2022
Description	5170118	Date Started	04-Mar-2022
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Analysis	Limit	Result	Pass/Fail
Multi-Residue Analysis for hemp products - 500+ compounds			
Bitertanol		<0.10 mg/kg	
Bixafen		<0.10 mg/kg	
Boscalid		<0.10 mg/kg	
Bromacil		<0.10 mg/kg	
Bromophos-ethyl		<0.10 mg/kg	
Bromophos-methyl		<0.10 mg/kg	
Bromopropylate		<0.10 mg/kg	
Bromuconazole (2 diastereoisomers)		<0.10 mg/kg	
Bupirimate		<0.10 mg/kg	
Buprofezin		<0.10 mg/kg	
Butachlor		<0.10 mg/kg	
Butafenacil		<0.10 mg/kg	
Butocarboxim		<0.10 mg/kg	
Butocarboxim sulfoxide		<0.10 mg/kg	
Butoxycarboxim		<0.10 mg/kg	
Butylate		<0.10 mg/kg	
Cadusafos		<0.10 mg/kg	
Captan (as THPI)		<0.20 mg/kg	
Carbaryl		<0.10 mg/kg	
Carbendazim		<0.20 mg/kg	
Carbetamide		<0.10 mg/kg	
Carbofuran		<0.10 mg/kg	
Carbofuran-3-hydroxy-		<0.10 mg/kg	
Carbophenothion		<0.10 mg/kg	
Carboxin		<0.10 mg/kg	
Carfentrazone-ethyl		<0.10 mg/kg	
Chlorantraniliprole		<0.10 mg/kg	
Chlorbromuron		<0.10 mg/kg	
Chlordane, cis-		<0.10 mg/kg	
Chlordane, trans-		<0.10 mg/kg	

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Sample Name:	Canopy Growth Huckleberry Middle	Eurofins Sample:	11514885
Project ID	BETTER_NUT-20220303-0035	Receipt Date	04-Mar-2022
PO Number	Canopy Growth Citrus and Berry Medley	Receipt Condition	Ambient temperature
Lot Number	2202236	Login Date	03-Mar-2022
Description	5170118	Date Started	04-Mar-2022
		Sampled	Sample results apply as received
		Online Order	11242-16E2A318

Analysis	Limit	Result	Pass/Fail
Multi-Residue Analysis for hemp products - 500+ compounds			
Chlorfenapyr		<0.10 mg/kg	
Chlorfenvinphos (E- and Z-isomers)		<0.10 mg/kg	
Chloridazon (Pyrazon)		<0.10 mg/kg	
Chlorobenzilate		<0.10 mg/kg	
Chlorotoluron (Chlortoluron)		<0.10 mg/kg	
Chloroxuron		<0.10 mg/kg	
Chlorpropham (CIPC)		<0.10 mg/kg	
Chlorpyrifos		<0.10 mg/kg	
Chlorpyrifos-methyl		<0.10 mg/kg	
Clodinafop-propargyl		<0.20 mg/kg	
Clofentezine		<0.10 mg/kg	
Clomazone		<0.10 mg/kg	
Cloquintocet-mexyl		<0.10 mg/kg	
Clothianidin		<0.10 mg/kg	
Coumaphos		<0.10 mg/kg	
Cyanazine		<0.10 mg/kg	
Cyanofenphos		non-analyzable	
Cyazofamid		<0.10 mg/kg	
Cycloate		non-analyzable	
Cycluron		<0.10 mg/kg	
Cyflufenamid		<0.10 mg/kg	
Cyfluthrin		<0.10 mg/kg	
Cymiazole		<0.10 mg/kg	
Cymoxanil		<0.10 mg/kg	
Cypermethrin		<0.10 mg/kg	
Cyproconazole (2 diastereoisomers)		<0.10 mg/kg	
Cyprodinil		<0.10 mg/kg	
DDD, o,p'-		<0.10 mg/kg	
DDD, p,p'-		<0.10 mg/kg	
DDE, o,p'-		<0.10 mg/kg	

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Sample Name:	Canopy Growth Huckleberry Middle	Eurofins Sample:	11514885
Project ID	BETTER_NUT-20220303-0035	Receipt Date	04-Mar-2022
PO Number	Canopy Growth Citrus and Berry Medley	Receipt Condition	Ambient temperature
Lot Number	2202236	Login Date	03-Mar-2022
Description	5170118	Date Started	04-Mar-2022
		Sampled	Sample results apply as received
		Online Order	11242-16E2A318

Analysis	Limit	Result	Pass/Fail
Multi-Residue Analysis for hemp products - 500+ compounds			
DDE, p,p'-		<0.10 mg/kg	
DDT, o,p'-		<0.10 mg/kg	
DDT, p,p'-		<0.10 mg/kg	
DEET (Diethyltoluamide)		<0.10 mg/kg	
DMST (Dimethylaminosulfotoluidide)		<0.10 mg/kg	
Dacthal (Chlorthal-dimethyl, DCPA)		<0.10 mg/kg	
Deltamethrin		<0.10 mg/kg	
Demeton-O		<0.10 mg/kg	
Demeton-S		<0.10 mg/kg	
Demeton-S-methyl		<0.10 mg/kg	
Demeton-S-methyl sulfone		<0.10 mg/kg	
Desmedipham		<0.10 mg/kg	
Dialifos (Dialifor)		<0.10 mg/kg	
Diazinon		<0.10 mg/kg	
Diazinon oxon		<0.10 mg/kg	
Dichlobenil		<0.10 mg/kg	
Dichlofenthion		<0.10 mg/kg	
Dichlofluanid		<0.10 mg/kg	
Dichlorvos		<0.10 mg/kg	
Diclobutrazol		<0.10 mg/kg	
Diclocymet (2 diastereoisomers)		<0.10 mg/kg	
Dicloran (DCNA)		<0.10 mg/kg	
Dicrotophos		<0.10 mg/kg	
Dieldrin		<0.10 mg/kg	
Diethofencarb		<0.10 mg/kg	
Difenoconazole (cis- and trans-)		<0.10 mg/kg	
Diflubenzuron		<0.10 mg/kg	
Diflufenican		<0.10 mg/kg	
Dimethachlor		<0.10 mg/kg	
Dimethametryn		<0.10 mg/kg	

Certificate of Analysis

Better Nutritionals, LLC

3390 Horseless Carriage Dr.
Norco CA 92860 United States

Sample Name:	Canopy Growth Huckleberry Middle	Eurofins Sample:	11514885
Project ID	BETTER_NUT-20220303-0035	Receipt Date	04-Mar-2022
PO Number	Canopy Growth Citrus and Berry Medley	Receipt Condition	Ambient temperature
Lot Number	2202236	Login Date	03-Mar-2022
Description	5170118	Date Started	04-Mar-2022
		Sampled	Sample results apply as received
		Online Order	11242-16E2A318

Analysis	Limit	Result	Pass/Fail
Multi-Residue Analysis for hemp products - 500+ compounds			
Dimethenamid		<0.10 mg/kg	
Dimethoate		<0.10 mg/kg	
Dimethomorph (E- and Z-isomers)		<0.10 mg/kg	
Dimetilan		<0.10 mg/kg	
Dimoxystrobin		<0.10 mg/kg	
Diniconazole		<0.10 mg/kg	
Dinitramine		<0.20 mg/kg	
Dinotefuran		<0.10 mg/kg	
Dioxacarb		<0.10 mg/kg	
Diphenamid		<0.10 mg/kg	
Diphenylamine		<0.10 mg/kg	
Dipropetryn		<0.10 mg/kg	
Disulfoton		<0.10 mg/kg	
Disulfoton sulfone		<0.10 mg/kg	
Disulfoton sulfoxide		<0.10 mg/kg	
EPN		<0.10 mg/kg	
Endosulfan I (alpha-isomer)		<0.20 mg/kg	
Endosulfan II (beta-isomer)		<0.20 mg/kg	
Endosulfan sulfate		<0.20 mg/kg	
Epoxiconazole		<0.10 mg/kg	
Ethaboxam		<0.10 mg/kg	
Ethalfuralin		<0.10 mg/kg	
Ethidimuron (Sulfadiazole)		<0.10 mg/kg	
Ethiofencarb		<0.10 mg/kg	
Ethiofencarb sulfone		<0.10 mg/kg	
Ethiofencarb sulfoxide		<0.10 mg/kg	
Ethion		<0.10 mg/kg	
Ethiprole		<0.10 mg/kg	
Ethirimol		<0.10 mg/kg	
Ethofumesate		<0.20 mg/kg	

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Sample Name:	Canopy Growth Huckleberry Middle	Eurofins Sample:	11514885
Project ID	BETTER_NUT-20220303-0035	Receipt Date	04-Mar-2022
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Lot Number	2202236	Login Date	03-Mar-2022
Description	5170118	Date Started	04-Mar-2022
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Analysis	Limit	Result	Pass/Fail
Multi-Residue Analysis for hemp products - 500+ compounds			
Ethoprophos (Ethoprop)		<0.10 mg/kg	
Etofenprox		<0.10 mg/kg	
Etoxazole		<0.10 mg/kg	
Etrimfos		<0.10 mg/kg	
Famoxadone		<0.10 mg/kg	
Fenamidone		<0.10 mg/kg	
Fenamiphos		<0.10 mg/kg	
Fenamiphos sulfone		<0.10 mg/kg	
Fenamiphos sulfoxide		<0.10 mg/kg	
Fenarimol		<0.10 mg/kg	
Fenazaquin		<0.10 mg/kg	
Fenbuconazole		<0.10 mg/kg	
Fenchlorphos (Ronnel)		<0.10 mg/kg	
Fenchlorphos oxon		<0.10 mg/kg	
Fenitrothion		<0.10 mg/kg	
Fenobucarb		<0.10 mg/kg	
Fenoxanil (sum of isomers)		<0.10 mg/kg	
Fenoxycarb		<0.10 mg/kg	
Fenpropathrin		<0.10 mg/kg	
Fenpyroximate		<0.10 mg/kg	
Fensulfothion		<0.10 mg/kg	
Fensulfothion oxon		<0.10 mg/kg	
Fensulfothion oxon sulfone		<0.10 mg/kg	
Fensulfothion sulfone		<0.10 mg/kg	
Fenthion		<0.10 mg/kg	
Fenthion oxon		<0.10 mg/kg	
Fenthion oxon sulfone		<0.10 mg/kg	
Fenthion oxon sulfoxide		<0.10 mg/kg	
Fenthion sulfone		<0.10 mg/kg	
Fenthion sulfoxide		<0.10 mg/kg	

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Sample Name:	Canopy Growth Huckleberry Middle	Eurofins Sample:	11514885
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Analysis	Limit	Result	Pass/Fail
Multi-Residue Analysis for hemp products - 500+ compounds			
Fentrazamide		<0.10 mg/kg	
Fenuron		<0.10 mg/kg	
Fenvalerate/Esfenvalerate (sum of isomers)		<0.20 mg/kg	
Fipronil		<0.10 mg/kg	
Fipronil desulfinyl		<0.10 mg/kg	
Fipronil sulfone		<0.10 mg/kg	
Flonicamid		<0.10 mg/kg	
Fluazifop-butyl		<0.10 mg/kg	
Flucythrinate (sum of isomers)		<0.20 mg/kg	
Fludioxonil		<0.10 mg/kg	
Flufenacet		<0.20 mg/kg	
Flufenoxuron		<0.10 mg/kg	
Flumioxazin		<0.10 mg/kg	
Fluometuron		<0.10 mg/kg	
Fluopicolide		<0.10 mg/kg	
Fluopyram		<0.10 mg/kg	
Fluoxastrobin		<0.10 mg/kg	
Fluquinconazole		<0.10 mg/kg	
Fluridone		<0.10 mg/kg	
Flusilazole		<0.10 mg/kg	
Flutolanil		<0.10 mg/kg	
Flutriafol		<0.10 mg/kg	
Fluvalinate tau- (sum of isomers)		<0.20 mg/kg	
Fonofos		<0.10 mg/kg	
Forchlorfenuron		<0.10 mg/kg	
Formothion		<0.10 mg/kg	
Fosthiazate (sum of isomers)		<0.10 mg/kg	
Fuberidazole		<0.10 mg/kg	
Furalaxyl		<0.10 mg/kg	
Furathiocarb		<0.10 mg/kg	

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Analysis	Limit	Result	Pass/Fail
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Multi-Residue Analysis for hemp products - 500+ compounds

Griseofulvin		<0.10 mg/kg	
HCH, alpha- (alpha-BHC)		<0.10 mg/kg	
HCH, beta- (beta-BHC)		<0.10 mg/kg	
HCH, delta- (delta-BHC)		<0.10 mg/kg	
Halofenozide		<0.10 mg/kg	
Haloxypop-methyl		<0.10 mg/kg	
Heptachlor		<0.10 mg/kg	
Heptachlor endo-epoxide		<0.10 mg/kg	
Heptachlor exo-epoxide		<0.10 mg/kg	
Hexachlorobenzene (HCB)		<0.10 mg/kg	
Hexaconazole		<0.10 mg/kg	
Hexaflumuron		<0.10 mg/kg	
Hexazinone		<0.10 mg/kg	
Hexythiazox		<0.10 mg/kg	
Hydroprene, S- (sum of isomers)		non-analyzable	
Imazalil		<0.10 mg/kg	
Imazamethabenz-methyl		<0.10 mg/kg	
Imidacloprid		<0.10 mg/kg	
Indoxacarb		<0.10 mg/kg	
Ipconazole		<0.10 mg/kg	
Iprovalicarb		<0.10 mg/kg	
Isocarbamid		<0.10 mg/kg	
Isocarbophos		<0.10 mg/kg	
Isofenphos		<0.10 mg/kg	
Isofenphos-methyl		<0.10 mg/kg	
Isoprocarb		<0.10 mg/kg	
Isoprothiolane		<0.10 mg/kg	
Isoproturon		<0.10 mg/kg	
Isoxaben		<0.10 mg/kg	
Isoxadifen-ethyl		<0.10 mg/kg	

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Sample Name:	Canopy Growth Huckleberry Middle	Eurofins Sample:	11514885
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Analysis	Limit	Result	Pass/Fail
Multi-Residue Analysis for hemp products - 500+ compounds			
Isoxaflutole		<0.10 mg/kg	
Isoxathion		<0.10 mg/kg	
Kresoxim-methyl		<0.10 mg/kg	
Lactofen		<0.10 mg/kg	
Lenacil		<0.10 mg/kg	
Lindane (gamma-HCH, gamma-BHC)		<0.10 mg/kg	
Linuron		<0.10 mg/kg	
Lufenuron		non-analyzable	
MGK 264 (sum of isomers)		<0.10 mg/kg	
Malaoxon		<0.10 mg/kg	
Malathion		<0.10 mg/kg	
Mandipropamid		<0.10 mg/kg	
Mecarbam		<0.10 mg/kg	
Mepanipyrim		<0.10 mg/kg	
Mepanipyrim-2-hydroxypropyl		<0.10 mg/kg	
Mephosfolan		<0.10 mg/kg	
Metaflumizone		<0.10 mg/kg	
Metalaxyl		<0.10 mg/kg	
Metamitron		<0.10 mg/kg	
Metazachlor		<0.10 mg/kg	
Metconazole		<0.10 mg/kg	
Methabenzthiazuron		<0.10 mg/kg	
Methacrifos		<0.10 mg/kg	
Methamidophos		<0.10 mg/kg	
Methidathion		<0.10 mg/kg	
Methiocarb		<0.10 mg/kg	
Methiocarb sulfone		<0.10 mg/kg	
Methiocarb sulfoxide		<0.10 mg/kg	
Methomyl		<0.10 mg/kg	
Methoprotrene		<0.10 mg/kg	

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Analysis	Limit	Result	Pass/Fail
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Multi-Residue Analysis for hemp products - 500+ compounds

Methoxychlor		non-analyzable	
Methoxyfenozide		<0.10 mg/kg	
Metobromuron		<0.10 mg/kg	
Metolachlor		<0.10 mg/kg	
Metolcarb		<0.10 mg/kg	
Metoxuron		<0.10 mg/kg	
Metrafenone		<0.10 mg/kg	
Metribuzin		<0.10 mg/kg	
Mevinphos (E- and Z-isomers)		<0.10 mg/kg	
Mexacarbate		<0.10 mg/kg	
Mirex		<0.10 mg/kg	
Molinate		<0.10 mg/kg	
Monocrotophos		<0.10 mg/kg	
Monolinuron		<0.10 mg/kg	
Myclobutanil		<0.10 mg/kg	
Naled (Dibrom)		<0.10 mg/kg	
Napropamide		<0.10 mg/kg	
Neburon		<0.10 mg/kg	
Nitenpyram		<0.10 mg/kg	
Nitrofen		<0.10 mg/kg	
Nonachlor, cis-		<0.10 mg/kg	
Nonachlor, trans-		<0.10 mg/kg	
Norflurazon		<0.10 mg/kg	
Norflurazon-desmethyl		<0.10 mg/kg	
Novaluron		<0.10 mg/kg	
Nuarimol		<0.10 mg/kg	
Ofurace		<0.10 mg/kg	
Omethoate		<0.10 mg/kg	
Oxadiazon		<0.10 mg/kg	
Oxadixyl		<0.10 mg/kg	

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Sample Name:	Canopy Growth Huckleberry Middle	Eurofins Sample:	11514885
Project ID	BETTER_NUT-20220303-0035	Receipt Date	04-Mar-2022
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Analysis	Limit	Result	Pass/Fail
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Multi-Residue Analysis for hemp products - 500+ compounds

Oxamyl		<0.10 mg/kg	
Oxamyl oxime		<0.10 mg/kg	
Oxycarboxin		<0.10 mg/kg	
Oxychlorane		<0.10 mg/kg	
Oxydemeton-methyl		<0.10 mg/kg	
Oxyfluorfen		<0.10 mg/kg	
Paclobutrazol		<0.10 mg/kg	
Paraoxon		<0.10 mg/kg	
Paraoxon-methyl		<0.10 mg/kg	
Parathion		<0.10 mg/kg	
Parathion-methyl		<0.10 mg/kg	
Penconazole		<0.10 mg/kg	
Pencycuron		<0.10 mg/kg	
Pendimethalin		<0.10 mg/kg	
Pentachloroaniline		<0.10 mg/kg	
Pentachloroanisole		<0.10 mg/kg	
Pentachlorobenzene		<0.10 mg/kg	
Pentachlorobenzonitrile		<0.10 mg/kg	
Pentachlorothioanisole		<0.10 mg/kg	
Permethrin (sum of isomers)		<0.10 mg/kg	
Perthane (Ethylan)		<0.10 mg/kg	
Phenmedipham		<0.10 mg/kg	
Phenthoate		<0.10 mg/kg	
Phorate		<0.10 mg/kg	
Phorate sulfone		<0.10 mg/kg	
Phorate sulfoxide		<0.10 mg/kg	
Phosalone		<0.10 mg/kg	
Phosmet		<0.10 mg/kg	
Phosmet oxon		<0.10 mg/kg	
Phosphamidon (E- and Z-isomers)		<0.10 mg/kg	

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Analysis	Limit	Result	Pass/Fail
Multi-Residue Analysis for hemp products - 500+ compounds			
Phoxim		<0.10 mg/kg	
Picolinafen		<0.10 mg/kg	
Picoxystrobin		<0.10 mg/kg	
Piperonyl butoxide		<0.10 mg/kg	
Piperophos		<0.10 mg/kg	
Pirimicarb		<0.10 mg/kg	
Pirimicarb-desmethyl		<0.10 mg/kg	
Pirimiphos-ethyl		<0.10 mg/kg	
Pirimiphos-methyl		<0.10 mg/kg	
Pirimiphos-methyl, N-desethyl-		<0.10 mg/kg	
Prallethrin		<1.0 mg/kg	
Pretilachlor		<0.10 mg/kg	
Prochloraz		<0.10 mg/kg	
Procymidone		<0.10 mg/kg	
Prodiamine		<0.10 mg/kg	
Profenofos		<0.10 mg/kg	
Profluralin		<0.10 mg/kg	
Promecarb		<0.10 mg/kg	
Prometon		<0.10 mg/kg	
Prometryn		<0.10 mg/kg	
Propanil		<0.10 mg/kg	
Propaquizafop		<0.10 mg/kg	
Propargite		<0.10 mg/kg	
Propetamphos		<0.10 mg/kg	
Propham		<0.10 mg/kg	
Propiconazole (sum of isomers)		<0.10 mg/kg	
Propoxur		<0.10 mg/kg	
Propyzamide (Pronamide)		<0.10 mg/kg	
Prosulfocarb		<0.10 mg/kg	
Prothioconazole-desthio		non-analyzable	

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Analysis	Limit	Result	Pass/Fail
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Multi-Residue Analysis for hemp products - 500+ compounds

Prothiofos		<0.10 mg/kg	
Pymetrozine		non-analyzable	
Pyracarbolid		<0.10 mg/kg	
Pyraclostrobin		<0.10 mg/kg	
Pyraflufen-ethyl		<0.10 mg/kg	
Pyrazophos		<0.10 mg/kg	
Pyrethrum (total)		<1.0 mg/kg	
Pyridaben		<0.10 mg/kg	
Pyridaphenthion		<0.10 mg/kg	
PyrifenoX (E- and Z-isomers)		<0.10 mg/kg	
Pyrimethanil		<0.10 mg/kg	
Pyriproxyfen		<0.10 mg/kg	
Pyroquilon		<0.10 mg/kg	
Quinalphos		<0.10 mg/kg	
Quinoclamine		<0.10 mg/kg	
Quinoxifen		<0.10 mg/kg	
Quintozene		<0.10 mg/kg	
Quizalofop-ethyl		<0.10 mg/kg	
Rotenone		<0.10 mg/kg	
S421		<0.10 mg/kg	
Schradan (Octamethylpyrophosphoramidate)		non-analyzable	
Secbumeton		<0.10 mg/kg	
Siduron		<0.10 mg/kg	
Silthiofam		<0.10 mg/kg	
Simazine		<0.10 mg/kg	
Simeconazole		<0.10 mg/kg	
Simetryn		<0.10 mg/kg	
Spinetoram (spinosyns J and L)		<0.10 mg/kg	
Spinosad (spinosyns A and D)		<0.10 mg/kg	
Spirodiclofen		non-analyzable	

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Analysis	Limit	Result	Pass/Fail
Multi-Residue Analysis for hemp products - 500+ compounds			
Spiromesifen		<0.10 mg/kg	
Spirotetramat		<0.10 mg/kg	
Spiroxamine (2 diastereoisomers)		<0.10 mg/kg	
Sulfallate		<0.10 mg/kg	
Sulprofos		<0.10 mg/kg	
Tebuconazole		<0.10 mg/kg	
Tebufenozide		<0.10 mg/kg	
Tebufenpyrad		<0.10 mg/kg	
Tebupirimfos		<0.10 mg/kg	
Tebuthiuron		<0.10 mg/kg	
Tecnazene		<0.10 mg/kg	
Teflubenzuron		<0.20 mg/kg	
Tefluthrin		<0.10 mg/kg	
Temephos		<0.10 mg/kg	
Terbacil		<0.10 mg/kg	
Terbufos		<0.10 mg/kg	
Terbufos sulfone		<0.10 mg/kg	
Terbufos sulfoxide		<0.10 mg/kg	
Terbumeton		<0.10 mg/kg	
Terbutylazine		<0.10 mg/kg	
Terbutryn		<0.10 mg/kg	
Tetrachloroaniline, 2,3,5,6-		<0.10 mg/kg	
Tetrachloroanisole, 2,3,4,5-		<0.10 mg/kg	
Tetrachlorvinphos		<0.10 mg/kg	
Tetraconazole		<0.10 mg/kg	
Tetradifon		<0.10 mg/kg	
Thiabendazole		<0.10 mg/kg	
Thiabendazole-5-hydroxy-		<0.10 mg/kg	
Thiacloprid		<0.10 mg/kg	
Thiamethoxam		<0.10 mg/kg	

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Analysis	Limit	Result	Pass/Fail
Multi-Residue Analysis for hemp products - 500+ compounds			
Thiazopyr		<0.10 mg/kg	
Thiobencarb (Benthiocarb)		<0.10 mg/kg	
Thiodicarb		<0.10 mg/kg	
Thiofanox		<0.10 mg/kg	
Thiofanox sulfone		<0.10 mg/kg	
Thiofanox sulfoxide		<0.10 mg/kg	
Thionazin (Zinophos)		<0.10 mg/kg	
Thiophanate-methyl		<0.10 mg/kg	
Tolclofos-methyl		<0.10 mg/kg	
Tolfenpyrad		<0.10 mg/kg	
Tolyfluanid		<0.10 mg/kg	
Triadimefon		<0.10 mg/kg	
Triadimenol		<0.10 mg/kg	
Triazophos		<0.10 mg/kg	
Tribufos (DEF)		<0.10 mg/kg	
Trichlorfon (Metrifonate)		<0.10 mg/kg	
Trichloroanisole, 2,4,6-		<0.10 mg/kg	
Tricyclazole		<0.10 mg/kg	
Trietazine		<0.10 mg/kg	
Trifloxystrobin		<0.10 mg/kg	
Triflumizole		<0.10 mg/kg	
Triflumuron		<0.10 mg/kg	
Trifluralin		<0.10 mg/kg	
Triforine		<0.20 mg/kg	
Trimethacarb		<0.10 mg/kg	
Triticonazole		<0.10 mg/kg	
Uniconazole		<0.10 mg/kg	
Vamidothion		<0.10 mg/kg	
Vinclozolin		<0.10 mg/kg	
Zoxamide		<0.10 mg/kg	

Certificate of Analysis

Better Nutritionals, LLC

3390 Horseless Carriage Dr.
Norco CA 92860 United States

Sample Name:	Canopy Growth Huckleberry Middle	Eurofins Sample:	11514885
Project ID	BETTER_NUT-20220303-0035	Receipt Date	04-Mar-2022
PO Number	Canopy Growth Citrus and Berry Medley	Receipt Condition	Ambient temperature
Lot Number	2202236	Login Date	03-Mar-2022
Description	5170118	Date Started	04-Mar-2022
		Sampled	Sample results apply as received
		Online Order	11242-16E2A318

Analysis	Limit	Result	Pass/Fail
Multi-Residue Analysis for hemp products - 500+ compounds			
Fluxapyroxad		<0.10 mg/kg	

Method References Testing Location

Elements by ICP Mass Spectrometry (ICP_MS_S)

Food Integrity Innovation-Madison

6304 Ronald Reagan Ave Madison, WI 53704 USA

Official Methods of Analysis, Method 2011.19 and 993.14, AOAC INTERNATIONAL, (Modified).
Paquette, L.H., Szabo, A., Thompson, J.J., "Simultaneous Determination of Chromium, Selenium, and Molybdenum in Nutritional Products by Inductively Coupled Plasma/Mass Spectrometry: Single-Laboratory Validation," Journal of AOAC International, 94(4): 1240 - 1252 (2011).

Industrial Hemp Cannabinoid Profile (IHCBD_S)

Food Integrity Innovation-Madison

6304 Ronald Reagan Ave Madison, WI 53704 USA

Official Methods of Analysis, AOAC 2018.11, AOAC International, Gaithersburg, MD (Modified).

Multi-Residue Analysis for hemp products - 500+ compounds (PEST_HEMP)

Food Integrity Innovation-Madison

6304 Ronald Reagan Ave Madison, WI 53704 USA

Official Methods of Analysis, AOAC Official Method 2007.01, Pesticide Residues in Foods by Acetonitrile Extraction and Partitioning with Magnesium Sulfate, AOAC INTERNATIONAL (modified).

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.

List of the tested pesticides and their limits of quantification (LOQs) are available upon request.

Mycotoxins in Raw Materials (MYCO_REG_S)

Food Integrity Innovation-Madison

6304 Ronald Reagan Ave Madison, WI 53704 USA

Varga, E., Glauner, T., Koppen, R., Mayer, K., Sulyok, M., Schumacher, R., Krska, R. and Berthiller, F., "Stable isotope dilution assay for the accurate determination of mycotoxins in maize by UHPLC-MS/MS," Analytical and BioAnalytical Chemistry, 402:2675-2686 (2012).

Certificate of Analysis

Better Nutritionals, LLC

3390 Horseless Carriage Dr.
Norco CA 92860 United States

Method References	Testing Location
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Residual Solvent Analysis in Cannabis and Hemp Matrices (CANN_SOL_S)

Food Integrity Innovation-Madison
6304 Ronald Reagan Ave Madison, WI 53704 USA

Internally Developed Method

Testing Location(s)	Released on Behalf of Eurofins by
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Food Integrity Innovation-Madison

Edward Ladwig - President Eurofins Food
Chemistry Testing Madison

Eurofins Food Chemistry Testing Madison, Inc.
6304 Ronald Reagan Ave
Madison WI 53704
800-675-8375



2918.01

These results apply only to the items tested. This certificate of analysis shall not be reproduced, except in its entirety, without the written approval of Eurofins. Measurement uncertainty for individual analyses can be obtained upon request.

TO:

Better Nutritionals - Gardena
17120 S. Figueroa Street, Bldg. B
Gardena, CA 90248

Certificate of Analysis

COA #: Bett030322002

COA Date: 03/05/2022

Sample Received: 03/03/2022

Laboratory Results

Sample Description: 7110247 Canopy Growth Citrus Medley 60ct Lot#0000001520 Beginning Gummies
2/23/2022

FML#: Bett22-00067
Condition Received: Good
Temp. Received: 17.0C

<u>Analysis</u>	<u>Result</u>	<u>Units</u>	<u>Method Reference</u>	<u>Test Date</u>
Aerobic Plate Count	60	cfu/g	AOAC 966.23	03/03/2022
Coliforms	<3	MPN/g	FDA-BAM online, Ch. 4	03/03/2022
E. coli	<3	MPN/g	FDA-BAM online, Ch. 4	03/03/2022
Listeria monocytogenes	Negative	/25g	AOAC 2019.11	03/03/2022
Mold	<10	cfu/g	AOAC 2014.05	03/03/2022
S. aureus	<10	cfu/g	AOAC 2003.07	03/03/2022
Salmonella	Negative	/25g	AOAC 2020.02	03/03/2022
Yeast	<10	cfu/g	AOAC 2014.05	03/03/2022

Sample Description: 7110247 Canopy Growth Citrus Medley 60ct Lot#0000001520 Middle Gummies
2/23/2022

FML#: Bett22-00068
Condition Received: Good
Temp. Received: 17.0C

<u>Analysis</u>	<u>Result</u>	<u>Units</u>	<u>Method Reference</u>	<u>Test Date</u>
Aerobic Plate Count	50	cfu/g	AOAC 966.23	03/03/2022
Coliforms	<3	MPN/g	FDA-BAM online, Ch. 4	03/03/2022
E. coli	<3	MPN/g	FDA-BAM online, Ch. 4	03/03/2022
Listeria monocytogenes	Negative	/25g	AOAC 2019.11	03/03/2022
Mold	<10	cfu/g	AOAC 2014.05	03/03/2022
S. aureus	<10	cfu/g	AOAC 2003.07	03/03/2022
Salmonella	Negative	/25g	AOAC 2020.02	03/03/2022
Yeast	<10	cfu/g	AOAC 2014.05	03/03/2022

Sample Description: 7110247 Canopy Growth Citrus Medley 60ct Lot#0000001520 End
Gummies
2/23/2022

FML#: Bett22-00069
Condition Received: Good
Temp. Received: 17.0C

<u>Analysis</u>	<u>Result</u>	<u>Units</u>	<u>Method Reference</u>	<u>Test Date</u>
Aerobic Plate Count	160	cfu/g	AOAC 966.23	03/03/2022
Coliforms	<3	MPN/g	FDA-BAM online, Ch. 4	03/03/2022
E. coli	<3	MPN/g	FDA-BAM online, Ch. 4	03/03/2022
Listeria monocytogenes	Negative	/25g	AOAC 2019.11	03/03/2022
Mold	<10	cfu/g	AOAC 2014.05	03/03/2022
S. aureus	<10	cfu/g	AOAC 2003.07	03/03/2022
Salmonella	Negative	/25g	AOAC 2020.02	03/03/2022
Yeast	<10	cfu/g	AOAC 2014.05	03/03/2022

Sample Description: 7110246 Canopy Growth Berry Medley 60ct Lot#0000001519 Beginning
Gummies
2/23/2022-2/24/2022

FML#: Bett22-00070
Condition Received: Good
Temp. Received: 17.0C

<u>Analysis</u>	<u>Result</u>	<u>Units</u>	<u>Method Reference</u>	<u>Test Date</u>
Aerobic Plate Count	170	cfu/g	AOAC 966.23	03/03/2022
Coliforms	<3	MPN/g	FDA-BAM online, Ch. 4	03/03/2022
E. coli	<3	MPN/g	FDA-BAM online, Ch. 4	03/03/2022
Listeria monocytogenes	Negative	/25g	AOAC 2019.11	03/03/2022
Mold	<10	cfu/g	AOAC 2014.05	03/03/2022
S. aureus	<10	cfu/g	AOAC 2003.07	03/03/2022
Salmonella	Negative	/25g	AOAC 2020.02	03/03/2022
Yeast	<10	cfu/g	AOAC 2014.05	03/03/2022

Sample Description: 7110246 Canopy Growth Berry Medley 60ct Lot#0000001519 Middle
Gummies
2/23/2022-2/24/2022

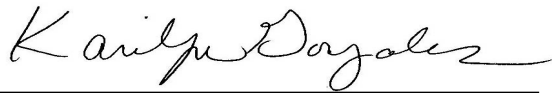
FML#: Bett22-00071
Condition Received: Good
Temp. Received: 17.0C

<u>Analysis</u>	<u>Result</u>	<u>Units</u>	<u>Method Reference</u>	<u>Test Date</u>
Aerobic Plate Count	120	cfu/g	AOAC 966.23	03/03/2022
Coliforms	<3	MPN/g	FDA-BAM online, Ch. 4	03/03/2022
E. coli	<3	MPN/g	FDA-BAM online, Ch. 4	03/03/2022
Listeria monocytogenes	Negative	/25g	AOAC 2019.11	03/03/2022
Mold	<10	cfu/g	AOAC 2014.05	03/03/2022
S. aureus	<10	cfu/g	AOAC 2003.07	03/03/2022
Salmonella	Negative	/25g	AOAC 2020.02	03/03/2022
Yeast	<10	cfu/g	AOAC 2014.05	03/03/2022

Sample Description: 7110246 Canopy Growth Berry Medley 60ct Lot#0000001519 End
Gummies
2/23/2022-2/24/2022

FML#: Bett22-00072
Condition Received: Good
Temp. Received: 17.0C

<u>Analysis</u>	<u>Result</u>	<u>Units</u>	<u>Method Reference</u>	<u>Test Date</u>
Aerobic Plate Count	180	cfu/g	AOAC 966.23	03/03/2022
Coliforms	<3	MPN/g	FDA-BAM online, Ch. 4	03/03/2022
E. coli	<3	MPN/g	FDA-BAM online, Ch. 4	03/03/2022
Listeria monocytogenes	Negative	/25g	AOAC 2019.11	03/03/2022
Mold	<10	cfu/g	AOAC 2014.05	03/03/2022
S. aureus	<10	cfu/g	AOAC 2003.07	03/03/2022
Salmonella	Negative	/25g	AOAC 2020.02	03/03/2022
Yeast	<10	cfu/g	AOAC 2014.05	03/03/2022

Approved by: 
Karilyn Gonzales, M.S. Laboratory Director

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