



JOY ORGANICS

CERTIFICATE OF ANALYSIS

PRODUCT NAME: Joy Organics Green Apple Gummies - Kosher Certified
PRODUCT STRENGTH: 10 mg / each
LOT NUMBER: 20122217110175
BEST BY DATE: 06/2022
GUMMY LOT NUMBER: 71-10175

Physical Attributes

Test	Method	Specification	Results
Color	SOP-100	Medium Lime Green	PASS
Odor	SOP-100	Sweet, apple, sour	PASS
Appearance	SOP-100	Medium green gummies with sugar coating in child proof container	PASS
Primary Package Eval.	SOP-132	Container clean and free of filth. Container caps tight and shrink bands intact	PASS
Secondary Package Eval.	SOP-132	Labeling Compliance Checked, Cartons sturdy and clean. Sufficient cushion material exists. Box taped and secure.	PASS

Review of Third-Party Analysis

Panel	Method	Specification	Results	Pass/Fail
Potency - Total CBD	SOP-111	9.5-12.5 mg CBD / ea. LOQ*: 10 PPM† (0.001%)	<u>13.28 mg</u>	PASS
Potency - D9-THC	SOP-111	None Detected LOQ: 10 PPM (0.001%)	<u>ND</u>	PASS
FL Compliant Pesticide Panel	SOP-111	Florida State Hemp Program Rule 5B-57.014: Action Limits for Pesticides	<u>ND</u>	PASS
Microbial - Stec E.Coli	SOP-111	Complies with USP 61/62	<u>>LOD</u>	PASS
Microbial - Salmonella	SOP-111	Complies with USP 61/62	<u>>LOD</u>	PASS
Microbial - Aspergillus	SOP-111	Complies with USP 61/62	<u>>LOD</u>	PASS
CA Compliant Heavy Metal Panel	SOP-111	Arsenic (As): ≤1.5 PPM Cadmium (Cd): ≤0.5 PPM Mercury (Hg): ≤1.0 PPM Lead (Pb): ≤0.5 PPM	<u>>LOD</u>	PASS

* Level of Quantitation, † Parts Per Million

Quality Certified by:

Kei Horikawa
Kei Horikawa
Quality Control Manager

01/18/2021

Date

CERTIFICATE OF ANALYSIS

Product Name	10mg Hemp Green Apple	Lot Number	20122217110175
Item#	71-10175	Production Date	12/22/2020
Serving	1 Gummy	Mfg Date	12/2020

Parameter			
<u>Identification</u>	<u>Specification</u>	<u>Results</u>	<u>Testing Method</u>
Appearance	Gummy - Sugar Coated	Pass	Organoleptic Inspection
Shape	Drop	Pass	Organoleptic Inspection
Color	Green	Pass	Organoleptic Inspection
Flavor	Green Apple	Pass	Organoleptic Inspection
Unit Weight	4.0 ± 0.4g	Pass	Average Weight of 10 gummies

Parameter			
<u>Microbiology</u>	<u>Specification</u>	<u>Results</u>	<u>Testing Method</u>
Aerobic Plate Count	< 10 ⁴ cfu/g	< 10 cfu/g	AOAC 966.23
Coliforms - MPN	< 10 MPN/g	< 3 MPN/g	FDA-BAM online, Ch.4
E.coli - MPN	< 10 MPN/g	< 3 MPN/g	FDA-BAM online, Ch.4
Listeria monocytogenes	Negative/25g	Negative/25g	AOAC 2019.11
Mold-Isogrid	< 10 ³ cfu/g	< 10 cfu/g	AOAC 995.21
S. aureus	< 10 cfu/g	< 10 cfu/g	AOAC 2003.07
Salmonella	Negative/25g	Negative/25g	AOAC 2020.02
Yeast - Isogrid	< 10 ³ cfu/g	< 10 cfu/g	AOAC 995.21

Parameter			
<u>Functional Ingredient Potency</u>	<u>Specification</u>	<u>Results</u>	<u>Test Method</u>
CBD (Cannabidiol)	NLT 10mg	13.28mg	Cannabinoid Potency By HPLC Analysis Eurofins
Delta 9-THC	As Reported	< 0.00250%	Cannabinoid Potency By HPLC Analysis Eurofins
THC-A	As Reported	< 0.00250%	Cannabinoid Potency By HPLC Analysis Eurofins
Total THC + THC-A	NMT 0.03%	< 0.00250%	Cannabinoid Potency By HPLC Analysis Eurofins

Parameter			
<u>Heavy Metals</u>	<u>Specification</u>	<u>Results</u>	<u>Testing Method</u>
Inorganic Arsenic	≤ 1.25 ppm	< 0.0100 ppm	AOAC 2011.19 and 993.14
Cadmium	≤ 0.513 ppm	< 0.00500 ppm	AOAC 2011.19 and 993.14
Lead	≤ 0.0625 ppm	0.00942 ppm	AOAC 2011.19 and 993.14
Mercury	≤ 0.0375 ppm	< 0.00500 ppm	AOAC 2011.19 and 993.14

Parameter			
<u>Pesticide</u>	<u>Specification</u>	<u>Results</u>	<u>Testing Method</u>
Muti-Residue Analysis for Hemp Product - Pass/Fail 500+ Compounds		Pass	AOAC 2007.01

*Encapsulated ingredient

Signature: _____

Michelle Rodriguez - QA

Date: _____

01/2/2021



**B1202-001**

sample ID 25319

7USC1639 Certificate of Analysiscertificate ID
0MD32total
cannabinoids **91.73%**

THC‡ ND CBD‡ 86.50%

**This Product
Has Been
Tested and
Complies with
7USC1639(1)****Stillwater
Laboratories**

order 9109

analysis date 12/4/2020 11:55:12 AM

test tag B1202-001

sample wgt 10.0 g

7USC1639 Extract**Inspection** MSP-7.5.1.2

DESCRIPTION: Concentrate sample (10.00g) received in a client-labeled bottle, by commercial courier. Labeled 25319 and sample tag B1202-001.

Potency per

MSP-7.5.1.4 LOD LOQ error (95%CI k=2)

tetrahydrocannabinolic acid (THCa)	ND	<0.001	0.000	±0.000%
Δ9-tetrahydrocannabinol (Δ9 THC)	ND	<0.001	0.000	±0.000%
Δ8-tetrahydrocannabinol (Δ8 THC)	ND	<0.001	0.000	±0.000%
tetrahydrocannabivarin (THCv)	ND	<0.001	0.000	±0.000%
cannabidiolic acid (CBDA)	ND	<0.001	0.000	±0.000%
cannabidiol (CBD)	86.50%	<0.001	0.000	±2.071%
cannabidivarin (CBDv)	0.47%	<0.001	0.000	±0.011%
cannabigerolic acid (CBGa)	ND	<0.001	0.000	±0.000%
cannabigerol (CBG)	4.76%	<0.001	0.000	±0.114%
cannabinol (CBN)	ND	<0.001	0.000	±0.000%
cannabichromene (CBC)	ND	<0.001	0.000	±0.000%

‡ = decarbed NT = not tested NL = no limit, ND = not detected, LOD = detection limit, LOQ = quantitation limit

Microbial

MSP-7.5.1.10 limit

Metals

MSP-7.5.1.11 limit

Pesticides

MSP-7.5.1.8 limit

Pesticides

MSP-7.5.1.8 limit

Ochratoxin A PASS 20 ppb		Arsenic PASS 200 ppb		Daminozide PASS 0.0 ppm		Piperonylbutoxide PASS 8.0 ppm	
Aflatoxin PASS 20 ppb		Cadmium PASS 200 ppb		Dichlorvos PASS 0.0 ppm		Prallethrin PASS 0.4 ppm	
		Lead PASS 500 ppb		Diazinon PASS 0.2 ppm		Propiconazole PASS 20.0 ppm	
		Mercury PASS 300 ppb		Dimethoate PASS 0.0 ppm		Propoxur PASS 0.0 ppm	
				Etoxazole PASS 1.5 ppm		Pyrethrin PASS 1.0 ppm	
				Fenoxycarb PASS 0.0 ppm		Pyridaben PASS 3.0 ppm	
				Fenpyroximate PASS 2.0 ppm		Spinetoram PASS 3.0 ppm	
				Fipronil PASS 0.0 ppm		Spinosad PASS 3.0 ppm	
				Flonicamid PASS 2.0 ppm		Spiromesifen PASS 12.0 ppm	
				Fludioxonil PASS 30.0 ppm		Spirotetramat PASS 13.0 ppm	
				Hexythiazox PASS 2.0 ppm		Spiroxamine PASS 0.0 ppm	
				Imazalil PASS 0.0 ppm		Tebuconazole PASS 2.0 ppm	
				Imidacloprid PASS 3.0 ppm		Thiacloprid PASS 0.1 ppm	
				Malathion PASS 5.0 ppm		Thiamethoxam PASS 4.5 ppm	
				Metalaxyl PASS 15.0 ppm		Trifloxystrobin PASS 30.0 ppm	
				Methiocarb PASS 0.0 ppm			
				Methomyl PASS 0.1 ppm			
				Methyl parathion PASS 0.0 ppm			
				Mevinphos PASS 0.0 ppm			
				Myclobutanil PASS 9.0 ppm			
				Naled PASS 0.5 ppm			
				Oxamyl PASS 0.2 ppm			
				Paclobutrazol PASS 0.0 ppm			
				Permethrin PASS 20.0 ppm			
				Phosmet PASS 0.2 ppm			

INSTRUMENTS
 potency: HPLC (LC2030C-UV)
 terpenes: GCMS (QP2020/HS20)
 solvents: GCMS (QP2020/HS20)
 pesticides: LCMSMS (LC8060)
 mycotoxins: LCMSMS (LC8060)
 microbial: qPCR (AriaMx) and plating
 metals: ICPMS (ICPMS-2030)

SECURITY FEATURE: WATERMARK MUST MATCH CERTIFICATE ID AND ISSUE DATE

Certified by:

Kyle Larson, MSc (Biology)
Deputy Director

Stillwater Laboratories Inc.
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 6073 US93N Suite 5
 Olney MT 59927
 406-881-2019

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ISO/IEC 17025:2017



Certificate #4961.01

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

TO:

Certificate of Analysis

COA #: Bett122920002

COA Date: 12/31/2020

Sample Received: 12/29/2020

Laboratory Results

Sample Description: Strawberry Lemonade - Beginning

FML#: Bett20-02507

Lot# 20122217110176

BN# 71-10176

FP

Prod Date: 12/27/2020

Condition Received: Good

Temp. Received: 18.0C

<u>Analysis</u>	<u>Result</u>	<u>Units</u>	<u>Method Reference</u>	<u>Test Date</u>
Aerobic Plate Count	<10	cfu/g	AOAC 966.23	12/29/2020
Coliforms	<3	MPN/g	FDA-BAM online, Ch. 4	12/29/2020
E. coli	<3	MPN/g	FDA-BAM online, Ch. 4	12/29/2020
Listeria monocytogenes	Negative	/25g	AOAC 2019.11	12/29/2020
Mold	<10	cfu/g	AOAC 995.21	12/29/2020
S. aureus	<10	cfu/g	AOAC 2003.07	12/29/2020
Salmonella	Negative	/25g	AOAC 2020.02	12/29/2020
Yeast	10	cfu/g	AOAC 995.21	12/29/2020

Sample Description: Strawberry Lemonade - Middle

FML#: Bett20-02508

Lot# 20122217110176

BN# 71-10176

FP

Prod Date: 12/27/2020

Condition Received: Good

Temp. Received: 18.0C

<u>Analysis</u>	<u>Result</u>	<u>Units</u>	<u>Method Reference</u>	<u>Test Date</u>
Aerobic Plate Count	<10	cfu/g	AOAC 966.23	12/29/2020
Coliforms	<3	MPN/g	FDA-BAM online, Ch. 4	12/29/2020
E. coli	<3	MPN/g	FDA-BAM online, Ch. 4	12/29/2020
Listeria monocytogenes	Negative	/25g	AOAC 2019.11	12/29/2020
Mold	<10	cfu/g	AOAC 995.21	12/29/2020
S. aureus	<10	cfu/g	AOAC 2003.07	12/29/2020
Salmonella	Negative	/25g	AOAC 2020.02	12/29/2020
Yeast	<10	cfu/g	AOAC 995.21	12/29/2020

Sample Description: Strawberry Lemonade - End
Lot# 20122217110176
BN# 71-10176
FP
Prod Date: 12/27/2020

FML#: Bett20-02509

Condition Received: Good
Temp. Received: 18.0C

<u>Analysis</u>	<u>Result</u>	<u>Units</u>	<u>Method Reference</u>	<u>Test Date</u>
Aerobic Plate Count	<10	cfu/g	AOAC 966.23	12/29/2020
Coliforms	<3	MPN/g	FDA-BAM online, Ch. 4	12/29/2020
E. coli	<3	MPN/g	FDA-BAM online, Ch. 4	12/29/2020
Listeria monocytogenes	Negative	/25g	AOAC 2019.11	12/29/2020
Mold	<10	cfu/g	AOAC 995.21	12/29/2020
S. aureus	<10	cfu/g	AOAC 2003.07	12/29/2020
Salmonella	Negative	/25g	AOAC 2020.02	12/29/2020
Yeast	<10	cfu/g	AOAC 995.21	12/29/2020

Sample Description: Green Apple - Beginning
Lot# 20122327110175
BN# 71-10175
FP
Prod Date: 12/28/2020

FML#: Bett20-02510

Condition Received: Good
Temp. Received: 18.0C

<u>Analysis</u>	<u>Result</u>	<u>Units</u>	<u>Method Reference</u>	<u>Test Date</u>
Aerobic Plate Count	<10	cfu/g	AOAC 966.23	12/29/2020
Coliforms	<3	MPN/g	FDA-BAM online, Ch. 4	12/29/2020
E. coli	<3	MPN/g	FDA-BAM online, Ch. 4	12/29/2020
Listeria monocytogenes	Negative	/25g	AOAC 2019.11	12/29/2020
Mold	<10	cfu/g	AOAC 995.21	12/29/2020
S. aureus	<10	cfu/g	AOAC 2003.07	12/29/2020
Salmonella	Negative	/25g	AOAC 2020.02	12/29/2020
Yeast	<10	cfu/g	AOAC 995.21	12/29/2020

Sample Description: Green Apple - Middle
Lot# 20122217110176
BN# 71-10175
FP
Prod Date: 12/28/2020

FML#: Bett20-02511

Condition Received: Good
Temp. Received: 18.0C

<u>Analysis</u>	<u>Result</u>	<u>Units</u>	<u>Method Reference</u>	<u>Test Date</u>
Aerobic Plate Count	<10	cfu/g	AOAC 966.23	12/29/2020
Coliforms	<3	MPN/g	FDA-BAM online, Ch. 4	12/29/2020
E. coli	<3	MPN/g	FDA-BAM online, Ch. 4	12/29/2020
Listeria monocytogenes	Negative	/25g	AOAC 2019.11	12/29/2020
Mold	<10	cfu/g	AOAC 995.21	12/29/2020
S. aureus	<10	cfu/g	AOAC 2003.07	12/29/2020
Salmonella	Negative	/25g	AOAC 2020.02	12/29/2020
Yeast	<10	cfu/g	AOAC 995.21	12/29/2020

Sample Description: Green Apple - ENd
Lot# 20122217110176
BN# 71-10175
FP
Prod Date: 12/28/2020

FML#: Bett20-02512

Condition Received: Good
Temp. Received: 18.0C

<u>Analysis</u>	<u>Result</u>	<u>Units</u>	<u>Method Reference</u>	<u>Test Date</u>
Aerobic Plate Count	<10	cfu/g	AOAC 966.23	12/29/2020
Coliforms	<3	MPN/g	FDA-BAM online, Ch. 4	12/29/2020
E. coli	<3	MPN/g	FDA-BAM online, Ch. 4	12/29/2020
Listeria monocytogenes	Negative	/25g	AOAC 2019.11	12/29/2020
Mold	<10	cfu/g	AOAC 995.21	12/29/2020
S. aureus	<10	cfu/g	AOAC 2003.07	12/29/2020
Salmonella	Negative	/25g	AOAC 2020.02	12/29/2020
Yeast	<10	cfu/g	AOAC 995.21	12/29/2020

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

The results of these tests relate only to the samples tested. This report shall not be reproduced except in full, without the written consent of the laboratory.

Certificate of Analysis

Sample Name:	10mg Hemp Green Apple - Middle	Eurofins Sample:	10159888
Project ID	-20201229-0398	Receipt Date	30-Dec-2020
PO Number		Login Date	29-Dec-2020
Lot Number	2012232 - BN 51-60141	Date Started	31-Dec-2020
Sample Serving Size	4 g	Sampled	Sample results apply as received
		Online Order	11242-14ADE0EF

Analysis	Result
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Industrial Hemp Cannabinoid Profile

CBDVA	<0.00250 %
CBDV	<0.00250 %
CBDA	<0.00250 %
CBGA	<0.00250 %
CBG	0.0173 %
CBD	0.336 %
THCV	<0.00250 %
CBN	<0.00250 %
Delta 9-THC	<0.00250 %
Delta 8-THC	<0.00500 %
THCA	<0.00250 %
CBC	<0.00250 %
Total Cannabinoids	0.353 %
Total THC (THC + (THCA x 0.877))	<0.00250 %
Total CBD (CBD + (CBDA x 0.877))	0.336 %
THCVA	<0.00250 %
CBNA	<0.00250 %
CBCA	<0.00250 %
CBL	<0.00250 %

Elements by ICP Mass Spectrometry

Arsenic	<0.0100 ppm
Cadmium	<0.00500 ppm
Lead	0.00942 ppm
Mercury	<0.00500 ppm

Analysis	Limit	Result
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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

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PO Number		Login Date	29-Dec-2020
Lot Number	2012232 - BN 51-60141	Date Started	31-Dec-2020
Sample Serving Size	4 g	Sampled	Sample results apply as received
		Online Order	11242-14ADE0EF

Analysis	Limit	Result
Multi-Residue Analysis for hemp products - 500+ compounds		
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
Bitertanol		<0.10 mg/kg
Bixafen		<0.10 mg/kg
Boscalid		<0.10 mg/kg
Bromacil		<0.10 mg/kg

Certificate of Analysis

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Project ID	-20201229-0398	Receipt Date	30-Dec-2020
PO Number		Login Date	29-Dec-2020
Lot Number	2012232 - BN 51-60141	Date Started	31-Dec-2020
Sample Serving Size	4 g	Sampled	Sample results apply as received
		Online Order	11242-14ADE0EF

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

Certificate of Analysis

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Project ID	-20201229-0398	Receipt Date	30-Dec-2020
PO Number		Login Date	29-Dec-2020
Lot Number	2012232 - BN 51-60141	Date Started	31-Dec-2020
Sample Serving Size	4 g	Sampled	Sample results apply as received
		Online Order	11242-14ADE0EF

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

Certificate of Analysis

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Project ID	-20201229-0398	Receipt Date	30-Dec-2020
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Lot Number	2012232 - BN 51-60141	Date Started	31-Dec-2020
Sample Serving Size	4 g	Sampled	Sample results apply as received
		Online Order	11242-14ADE0EF

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

Certificate of Analysis

Sample Name:	10mg Hemp Green Apple - Middle	Eurofins Sample:	10159888
Project ID	-20201229-0398	Receipt Date	30-Dec-2020
PO Number		Login Date	29-Dec-2020
Lot Number	2012232 - BN 51-60141	Date Started	31-Dec-2020
Sample Serving Size	4 g	Sampled	Sample results apply as received
		Online Order	11242-14ADE0EF

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

Certificate of Analysis

Sample Name:	10mg Hemp Green Apple - Middle	Eurofins Sample:	10159888
Project ID	-20201229-0398	Receipt Date	30-Dec-2020
PO Number		Login Date	29-Dec-2020
Lot Number	2012232 - BN 51-60141	Date Started	31-Dec-2020
Sample Serving Size	4 g	Sampled	Sample results apply as received
		Online Order	11242-14ADE0EF

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

Certificate of Analysis

Sample Name:	10mg Hemp Green Apple - Middle	Eurofins Sample:	10159888
Project ID	-20201229-0398	Receipt Date	30-Dec-2020
PO Number		Login Date	29-Dec-2020
Lot Number	2012232 - BN 51-60141	Date Started	31-Dec-2020
Sample Serving Size	4 g	Sampled	Sample results apply as received
		Online Order	11242-14ADE0EF

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

Certificate of Analysis

Sample Name:	10mg Hemp Green Apple - Middle	Eurofins Sample:	10159888
Project ID	-20201229-0398	Receipt Date	30-Dec-2020
PO Number		Login Date	29-Dec-2020
Lot Number	2012232 - BN 51-60141	Date Started	31-Dec-2020
Sample Serving Size	4 g	Sampled	Sample results apply as received
		Online Order	11242-14ADE0EF

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

Certificate of Analysis

Sample Name:	10mg Hemp Green Apple - Middle	Eurofins Sample:	10159888
Project ID	-20201229-0398	Receipt Date	30-Dec-2020
PO Number		Login Date	29-Dec-2020
Lot Number	2012232 - BN 51-60141	Date Started	31-Dec-2020
Sample Serving Size	4 g	Sampled	Sample results apply as received
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Analysis	Limit	Result
Multi-Residue Analysis for hemp products - 500+ compounds		
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
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

Certificate of Analysis

Sample Name:	10mg Hemp Green Apple - Middle	Eurofins Sample:	10159888
Project ID	-20201229-0398	Receipt Date	30-Dec-2020
PO Number		Login Date	29-Dec-2020
Lot Number	2012232 - BN 51-60141	Date Started	31-Dec-2020
Sample Serving Size	4 g	Sampled	Sample results apply as received
		Online Order	11242-14ADE0EF

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

Certificate of Analysis

Sample Name:	10mg Hemp Green Apple - Middle	Eurofins Sample:	10159888
Project ID	-20201229-0398	Receipt Date	30-Dec-2020
PO Number		Login Date	29-Dec-2020
Lot Number	2012232 - BN 51-60141	Date Started	31-Dec-2020
Sample Serving Size	4 g	Sampled	Sample results apply as received
		Online Order	11242-14ADE0EF

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

Certificate of Analysis

Sample Name:	10mg Hemp Green Apple - Middle	Eurofins Sample:	10159888
Project ID	-20201229-0398	Receipt Date	30-Dec-2020
PO Number		Login Date	29-Dec-2020
Lot Number	2012232 - BN 51-60141	Date Started	31-Dec-2020
Sample Serving Size	4 g	Sampled	Sample results apply as received
		Online Order	11242-14ADE0EF

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

Certificate of Analysis

Sample Name:	10mg Hemp Green Apple - Middle	Eurofins Sample:	10159888
Project ID	-20201229-0398	Receipt Date	30-Dec-2020
PO Number		Login Date	29-Dec-2020
Lot Number	2012232 - BN 51-60141	Date Started	31-Dec-2020
Sample Serving Size	4 g	Sampled	Sample results apply as received
		Online Order	11242-14ADE0EF

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

Certificate of Analysis

Sample Name:	10mg Hemp Green Apple - Middle	Eurofins Sample:	10159888
Project ID	-20201229-0398	Receipt Date	30-Dec-2020
PO Number		Login Date	29-Dec-2020
Lot Number	2012232 - BN 51-60141	Date Started	31-Dec-2020
Sample Serving Size	4 g	Sampled	Sample results apply as received
		Online Order	11242-14ADE0EF

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

Certificate of Analysis

Sample Name:	10mg Hemp Green Apple - Middle	Eurofins Sample:	10159888
Project ID	-20201229-0398	Receipt Date	30-Dec-2020
PO Number		Login Date	29-Dec-2020
Lot Number	2012232 - BN 51-60141	Date Started	31-Dec-2020
Sample Serving Size	4 g	Sampled	Sample results apply as received
		Online Order	11242-14ADE0EF

Analysis	Limit	Result
Multi-Residue Analysis for hemp products - 500+ compounds		
Tricyclazole		<0.10 mg/kg
Trietazine		<0.10 mg/kg
Trifloxystrobin		<0.10 mg/kg
Triflumizole		<0.10 mg/kg
Triflururon		<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
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Elements by ICP Mass Spectrometry (ICP_MS_S)

Food Integrity Innovation-Madison

3301 Kinsman Blvd 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

3301 Kinsman Blvd Madison, WI 53704 USA

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

Certificate of Analysis

Method References	Testing Location
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Multi-Residue Analysis for hemp products - 500+ compounds (PEST_HEMP)

Food Integrity Innovation-Madison

3301 Kinsman Blvd 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.

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.
3301 Kinsman Blvd
Madison WI 53704
800-675-8375



2918.01

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Certificate of Analysis

Sample Name:	10mg Hemp Green Apple - End	Eurofins Sample:	10159959
Project ID	-20201229-0398	Receipt Date	30-Dec-2020
PO Number		Login Date	29-Dec-2020
Lot Number	2012232 - BN 51-60141	Date Started	31-Dec-2020
Sample Serving Size	4 g	Sampled	Sample results apply as received
		Online Order	11242-14ADE0EF

Analysis

Result

Industrial Hemp Cannabinoid Profile

CBDVA	<0.00250 %
CBDV	<0.00250 %
CBDA	<0.00250 %
CBGA	<0.00250 %
CBG	0.0171 %
CBD	0.325 %
THCV	<0.00250 %
CBN	<0.00250 %
Delta 9-THC	<0.00250 %
Delta 8-THC	<0.00500 %
THCA	<0.00250 %
CBC	<0.00250 %
Total Cannabinoids	0.342 %
Total THC (THC + (THCA x 0.877))	<0.00250 %
Total CBD (CBD + (CBDA x 0.877))	0.325 %
THCVA	<0.00250 %
CBNA	<0.00250 %
CBCA	<0.00250 %
CBL	<0.00250 %

Method References

Testing Location

Industrial Hemp Cannabinoid Profile (IHCBD_S)

Food Integrity Innovation-Madison

3301 Kinsman Blvd Madison, WI 53704 USA

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

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Testing Location(s)	Released on Behalf of Eurofins by
Food Integrity Innovation-Madison Eurofins Food Chemistry Testing Madison, Inc. 3301 Kinsman Blvd Madison WI 53704 800-675-8375	Edward Ladwig - President Eurofins Food Chemistry Testing Madison 2918.01



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Certificate of Analysis

Sample Name:	10mg Hemp Green Apple - End	Eurofins Sample:	10159959
Project ID	-20201229-0398	Receipt Date	30-Dec-2020
PO Number		Login Date	29-Dec-2020
Lot Number	2012232 - BN 51-60141	Date Started	31-Dec-2020
Sample Serving Size	4 g	Sampled	Sample results apply as received
		Online Order	11242-14ADE0EF

Analysis

Result

Industrial Hemp Cannabinoid Profile

CBDVA	<0.00250 %
CBDV	<0.00250 %
CBDA	<0.00250 %
CBGA	<0.00250 %
CBG	0.0171 %
CBD	0.325 %
THCV	<0.00250 %
CBN	<0.00250 %
Delta 9-THC	<0.00250 %
Delta 8-THC	<0.00500 %
THCA	<0.00250 %
CBC	<0.00250 %
Total Cannabinoids	0.342 %
Total THC (THC + (THCA x 0.877))	<0.00250 %
Total CBD (CBD + (CBDA x 0.877))	0.325 %
THCVA	<0.00250 %
CBNA	<0.00250 %
CBCA	<0.00250 %
CBL	<0.00250 %

Method References

Testing Location

Industrial Hemp Cannabinoid Profile (IHCBD_S)

Food Integrity Innovation-Madison

3301 Kinsman Blvd Madison, WI 53704 USA

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

Certificate of Analysis

Testing Location(s)	Released on Behalf of Eurofins by
Food Integrity Innovation-Madison Eurofins Food Chemistry Testing Madison, Inc. 3301 Kinsman Blvd Madison WI 53704 800-675-8375	Edward Ladwig - President Eurofins Food Chemistry Testing Madison 2918.01



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