



Product Development (R&D)

Report Published: 04/30/2024

Client Name: Contract Canna
Address: 17475 Palmer Blvd. Homewood, IL. 60430
Certificate Number: 13596
License Number: 2108011009-IN



Sample Description: Kelia Grapefruit Ginger (Digestion)
Batch ID: 24.056 **Lot ID:** None
Sample ID: 2404SMIL0240.1475 **Sampling Method:** SOP-SMPL-006
Sample Type: Beverage **Sampling Date:** 04/26/2024



Results Summary

Potency	✓ TESTED
Date Analyzed: 04/27/2024	Method Used: SOP-CANN-001
Terpenes	✓ TESTED
Date Analyzed: 04/29/2024	Method Used: SOP_TERP_001
Microbial Impurities	✓ PASS
Date Analyzed: 04/26/2024	Method Used: SOP_MICRO_001
Residual Solvents	✓ PASS
Date Analyzed: 04/26/2024	Method Used: SOP_RS_001
Heavy Metals	✓ PASS
Date Analyzed: 04/27/2024	Method Used: SOP_HM_001
Mycotoxins	✓ PASS
Date Analyzed: 04/29/2024	Method Used: SOP_MYCO_001
Pesticides	✓ PASS
Date Analyzed: 04/29/2024	Method Used: SOP_PEST_001
Foreign Matter	✓ PASS
Date Analyzed: 04/26/2024	Method Used: SOP_FM_001

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Maia Mrkvicka - Senior Technical Analyst 04/30/2024

Potency

✓ TESTED

Date Analyzed: 04/27/2024
Instrument: Agilent 1260 HPLC

Date Completed: 04/29/2024
Lab Tech: Landen Nickel

Moisture Content (%): None
Unit Size (g): 355

Cannabinoid	Result (%)	Result (mg/g)	Result (mg/unit)	Result (mg/package)	LOD (%)	LOQ (%)	Relative Abundance
CBDVA	ND	ND	ND	ND	4.91e-05	9.82e-05	
CBDV	ND	ND	ND	ND	4.91e-05	9.82e-05	
CBDA	ND	ND	ND	ND	4.91e-05	9.82e-05	
CBD	ND	ND	ND	ND	4.91e-05	9.82e-05	
THCVA	ND	ND	ND	ND	4.91e-05	9.82e-05	
THCV	0.001	0.013	4.496	4.496	4.91e-05	9.82e-05	█
THCA	ND	ND	ND	ND	4.91e-05	9.82e-05	
Δ9 THC	0.001	0.013	4.652	4.652	4.91e-05	9.82e-05	█
Δ8 THC	ND	ND	ND	ND	4.91e-05	9.82e-05	
CBN	<LOQ	<LOQ	<LOQ	<LOQ	4.91e-05	9.82e-05	
CBCA	ND	ND	ND	ND	4.91e-05	9.82e-05	
CBC	ND	ND	ND	ND	4.91e-05	9.82e-05	
CBGA	ND	ND	ND	ND	4.91e-05	9.82e-05	
CBG	ND	ND	ND	ND	4.91e-05	9.82e-05	
Total THC	0.001	0.013	4.652	4.652			
Total CBD	ND	ND	ND	ND			
Total Cannabinoids	0.003	0.026	9.148	9.148			

Total THC % = THC% + (THCA% x 0.877)

Total CBD % = CBD% + (CBDA% x 0.877)

Total Cannabinoids = Sum of all cannabinoids without THC/CBD corrections.

LOD = Limit of Detection; LOQ = Limit of Quantitation; ND = Not Detected.

The reported result for each analyte includes a moisture content correction equal to: Base% / (1 - Moisture%)

Relative Abundance represents the percentage of each analyte compared with the total cannabinoid content.

Terpenes

✓ TESTED

Date Analyzed: 04/29/2024
Instrument: Agilent 8890/5977B GCMS

Date Completed: 04/30/2024
Lab Tech: Landen Nickel

Moisture Content (%): None

Terpene	Result (%)	LOD (%)	LOQ (%)	Terpene	Result (%)	LOD (%)	LOQ (%)
α-Bisabolol	ND	0.005	0.025	Δ-3-Carene	ND	0.005	0.025
α-Humulene	ND	0.005	0.025	D-Limonene	<LOQ	0.005	0.036
α-Pinene	ND	0.005	0.025	Eucalyptol	ND	0.005	0.025
α-Terpinene	ND	0.005	0.025	Geraniol	ND	0.005	0.036
β-Caryophyllene	ND	0.005	0.025	Guaiol	ND	0.005	0.025
β-Myrcene	ND	0.005	0.025	Isopulegol	ND	0.005	0.025
β-Pinene	ND	0.005	0.025	Linalool	ND	0.005	0.025
Camphene	ND	0.005	0.025	p-Cymene	ND	0.005	0.025
Caryophyllene Oxide	ND	0.005	0.025	Terpinolene	ND	0.005	0.025
cis-β-Ocimene	ND	0.001	0.007	trans-Nerolidol	ND	0.003	0.015
cis-Nerolidol	ND	0.002	0.010	γ-Terpinene	ND	0.005	0.025
				Total Terpene Content	ND		

Microbial Impurities (Quantitative)

 **PASS**
Date Analyzed: 04/26/2024
Instrument: 3M Petrifilm

Date Completed: 04/29/2024
Lab Tech: Malcolm Manning

Microbials (Quantitative)	Result (CFU/g)	Limit (CFU/g)	Status
Total Coliform Count	ND	100	Pass
Total BTGN Count	ND	100	Pass
Total Aerobic Content Count	ND	10000	Pass
Total Yeast and Mold Count	ND	1000	Pass

TNTC = Too numerous to count.

Microbial Impurities (Qualitative)

 **PASS**
Date Analyzed: 04/26/2024
Instrument: 3M Petrifilm

Date Completed: 04/29/2024
Lab Tech: Malcolm Manning

Microbials (Qualitative)	Result	Limit	Status
STEC	Not Detected	Detected	Pass
Salmonella Spp.	Not Detected	Detected	Pass

TNTC = Too numerous to count.

Residual Solvents

 **PASS**
Date Analyzed: 04/26/2024
Instrument: GC-FID

Date Completed: 04/29/2024
Lab Tech: Malcolm Manning

Residual Solvent	Result (ppm)	LOD (ppm)	LOQ (ppm)	Limit (ppm)	Status
Propane	ND	7.191	14.382	5000	Pass
Butane	ND	9.379	14.382	5000	Pass
Methanol	ND	7.695	14.382	3000	Pass
Ethylene Oxide	ND	0.105	2.397	50	Pass
Pentane	ND	3.322	14.382	5000	Pass
Ethanol	1411.360	1.394	14.382	5000	Pass
Ethyl Ether	ND	3.140	14.382	5000	Pass
Acetone	ND	2.891	14.382	5000	Pass
Petroleum Ether	ND	0.347	1.158	400	Pass
Isopropyl Alcohol	ND	1.253	14.382	5000	Pass
Methylene Chloride	ND	0.620	14.382	600	Pass
Hexane	ND	0.347	14.382	290	Pass
Ethyl Acetate	ND	1.926	14.382	5000	Pass
Heptane	ND	2.397	14.382	5000	Pass
Trichloroethene	ND	0.066	14.382	80	Pass
Toluene	ND	0.458	14.382	890	Pass
Total Xylenes	ND	1.456	14.382	2070	Pass

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Heavy Metals

 **PASS**

Date Analyzed: 04/27/2024
Instrument: Agilent 7800 ICP-MS

Date Completed: 04/30/2024
Lab Tech: Malcolm Manning

Heavy Metals	Result (ppb)	LOD (ppb)	LOQ (ppb)	Limit (ppb)	Status
Lead	ND	1.561	78.028	1000	Pass
Arsenic	ND	1.561	78.028	1500	Pass
Cadmium	ND	1.561	78.028	500	Pass
Mercury	ND	1.561	7.803	3000	Pass
Chromium	<LOQ	1.561	78.028	2000	Pass

Mycotoxins

 **PASS**

Date Analyzed: 04/29/2024
Instrument: Agilent Ultivo LC-MS/MS

Date Completed: 04/30/2024
Lab Tech: Landen Nickel

Mycotoxins	Result (ppb)	LOD (ppb)	LOQ (ppb)	Limit (ppb)	Status
Aflatoxin B1	ND	4.879	9.757	20	Pass
Aflatoxin B2	ND	4.879	9.757	20	Pass
Aflatoxin G1	ND	4.879	9.757	20	Pass
Aflatoxin G2	ND	4.879	9.757	20	Pass
Ochratoxin A	ND	9.757	9.757	20	Pass

Pesticides

 **PASS**

Date Analyzed: 04/29/2024
Instrument: Agilent Ultivo LC-MS/MS

Date Completed: 04/30/2024
Lab Tech: Landen Nickel

Pesticide	Result (ppb)	LOD (ppb)	LOQ (ppb)	Limit (ppb)	Status	Pesticide	Result (ppb)	LOD (ppb)	LOQ (ppb)	Limit (ppb)	Status
Acephate	ND	10.000	50.000	50	Pass	Fonicamid	ND	1.000	5.000	30	Pass
Acetamiprid	ND	1.000	5.000	10	Pass	Fludioxonil	NR	5.000	5.000	10	Pass
Aldicarb	ND	5.000	10.000	20	Pass	Hexythiazox	ND	5.000	5.000	20	Pass
Bifenazate	NR	0.500	1.000	20	Pass	Imidacloprid	ND	1.000	5.000	20	Pass
Bifenthrin	ND	5.000	5.000	50	Pass	Kresoxim Methyl	ND	5.000	5.000	10	Pass
Carbaryl	ND	5.000	5.000	20	Pass	Metalaxyl	ND	0.500	1.000	20	Pass
Carbofuran	ND	0.500	1.000	100	Pass	Oxamyl I	ND	1.000	5.000	50	Pass
Chlorantraniliprole	ND	10.000	20.000	20	Pass	Phosmet	ND	5.000	5.000	40	Pass
Chloromequat Chloride	ND	20.000	40.000	40	Pass	Prallethrin	NR	5.000	10.000	1000	Pass
Chlorpyrifos	ND	5.000	5.000	10	Pass	Pyridaben	ND	0.500	1.000	10	Pass
Chlofentezine	ND	5.000	10.000	10	Pass	Spinetoram J	ND	0.500	1.000	40	Pass
Coumaphos	ND	5.000	5.000	150	Pass	Spinetoram L	ND	0.500	1.000	40	Pass
Diazinon	ND	0.500	1.000	50	Pass	Spinosyn A	ND	5.000	5.000	10	Pass
Dimethomorph I	ND	5.000	5.000	50	Pass	Spinosyn D	ND	5.000	5.000	10	Pass
Dimethomorph II	ND	5.000	5.000	50	Pass	Spiromesifen	ND	0.500	1.000	10	Pass
Ethoprophos	ND	1.000	5.000	20	Pass	Spirotetramat	ND	5.000	5.000	10	Pass
Etofenprox	ND	1.000	1.000	10	Pass	Spiroxamine I	ND	0.500	1.000	50	Pass
Etoxazole	ND	0.500	1.000	10	Pass	Spiroxamine II	ND	0.500	1.000	50	Pass
Fenhexamid	ND	5.000	10.000	20	Pass	Tebuconazole	ND	5.000	5.000	50	Pass
Fenpyroximate	ND	0.500	1.000	15	Pass	Thiacloprid	ND	0.500	1.000	20	Pass
Fipronil	NR	5.000	5.000	10	Pass	Thiamethoxam	ND	1.000	5.000	20	Pass
						Trifloxystrobin	ND	0.500	1.000	10	Pass

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Foreign Matter

 **PASS**

Date Analyzed: 04/26/2024
Instrument: Visual Inspection

Date Completed: 04/26/2024
Lab Tech: Malcolm Manning

Foreign Materials	Result (% w/w)
Cinders	ND
Dirt	ND
Insect Fragments	ND
Mold	ND
Other	ND

--- END OF REPORT ---