



Customer: Green Roads
Address: 601 Fairway Dr
Deerfield, FL 33441

Sample ID: Mango Twist D8 Lot #: KN116256

Matrix: Edible

Labnumber: 23D0052-01 **Total mass or volume per unit (g or mL):** 3.8576

Cannabinoid Profile

Test Conditions: 18°C

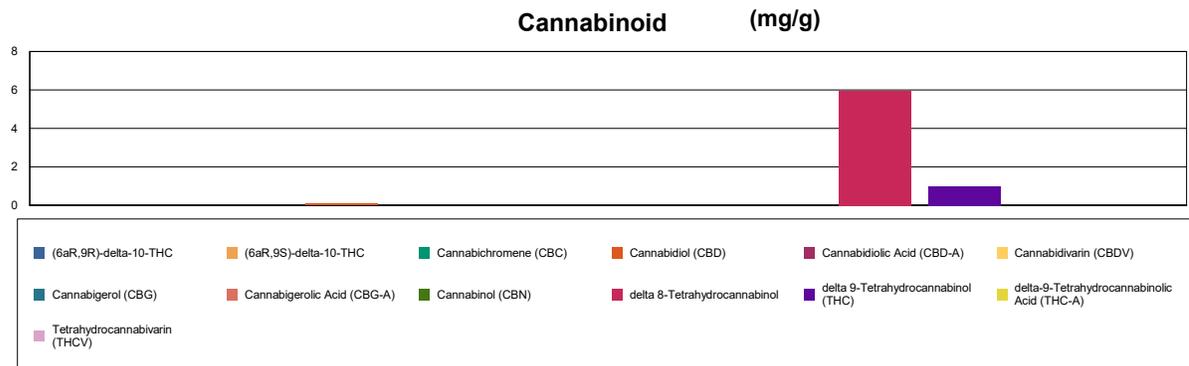
Extraction Technician: SH

Analytical Chemist: CB

Extraction Date(s)	Analysis Date(s)
4/11/2023	4/11/2023

Cannabinoids (HPLC)	Results			
	LOD (mg/g)	%	mg/g	mg/Gummy
Cannabidivarin (CBDV)	<0.030			
Cannabidiolic Acid (CBD-A)	<0.030			
Cannabigerolic Acid (CBG-A)	<0.030			
Cannabigerol (CBG)	<0.030			
Cannabidiol (CBD)		0.008	0.077	0.298
Tetrahydrocannabivarin (THCV)	<0.030			
Cannabinol (CBN)	<0.030			
Cannabichromene (CBC)	<0.030			
delta 9-Tetrahydrocannabinol (THC)		0.10	0.989	3.82
delta-9-Tetrahydrocannabinolic Acid (THC-A)	<0.070			
delta 8-Tetrahydrocannabinol		0.60	5.96	23.0
(6aR,9S)-delta-10-THC	<0.070			
(6aR,9R)-delta-10-THC	<0.070			
Cannabinoids Total		%	mg/g	
Max Active THC (delta-9-tetrahydrocannabinol)		0.10	0.99	
Max Active CBD		0.01	0.08	
Total Cannabinoids		0.70	7.02	

Following USDA guidelines on uncertainty, Altitude Consulting's uncertainty is calculated to be +/- 5% for all cannabinoids using a coverage factor of 2 (95% confidence interval). Measurement uncertainty has not been factored into reported values.
Blank results indicate the compound was below the limit of detection.



Gary Brook - Laboratory Director - 4/24/2023

Reporting Limits will vary based on sample extraction weight used for the analysis.

The results of this report are based solely on the sample submitted and cannot be reproduced. Decision Rule: Measurement uncertainty is not accounted for in the reported values.

Results are based solely on calculated numbers. Altitude Consulting makes no Statements of conformity. **Pesticide, metal, and microbial analyses are subcontracted to ISO 17025 laboratories.**



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Residual Solvents Profile

Test Conditions: 17°C
Extraction Technician: SH
Analytical Chemist: CB

Extraction Date(s)	Analysis Date(s)
4/13/2023	4/13/2023

Residual Solvents (GC/MS)	Results
	ug/g
Propane	<49.6
Isobutane	<49.6
Methanol	<49.6
Butane	<49.6
Isopropanol	<49.6
Ethanol	<49.6
2-Methylbutane	<49.6
Acetonitrile	<49.6
Acetone	<49.6
n-Pentane	<49.6
n-Hexane	<24.8
Tetrahydrofuran	<49.6
Benzene	<0.496
n-Heptane	<49.6
Toluene	<49.6
Ethylbenzene	<49.6
m+p Xylene	<49.6
o-Xylene	<49.6
Methylene Chloride	<49.6



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Pesticide Profile

Test Conditions: °C

Extraction Technician: ZEN

Analytical Chemist: KSG

Extraction Date(s)	Analysis Date(s)
4/20/2023	4/21/2023

Pesticides (LC/MS/MS)	Results	LOD	Pesticides (LC/MS/MS)	Results	LOD
	ppm	ppm		ppm	ppm
Acephate		0.203	Acequinocyl		1.02
Acetamiprid		0.102	Aldicarb		0.203
Azoxystrobin		0.102	Bifenthrin		0.102
Boscalid		0.203	Carbaryl		0.102
Carbofuran		0.102	Chlorpyrifos		0.102
Diazinon		0.102	Dimethoate		0.102
Ethoprophos		0.102	Etofenprox		0.203
Etoxazole		0.102	Fenoxycarb		0.102
Fenpyroximate E		0.203	Fonicamid		0.509
Fludioxonil		0.203	Hexythiazox		0.509
Imazalil		0.102	Imidacloprid		0.203
Kresoxim-methyl		0.203	Malathion		0.102
Metalaxyl		0.102	Methiocarb		0.102
Methomyl		0.203	Myclobutanil		0.102
Naled		0.254	Oxamyl		0.509
Piperonyl butoxide		1.02	Propiconazole		0.203
Propoxure		0.102	Spiromesifen		0.102
Spirotetramat		0.102	Spiroxamine		0.203
Tebuconazole		0.203	Thiacloprid		0.102
Thiamethoxam		0.102	Trifloxystrobin		0.102
Abamectin		0.254	Bifenazate		0.102
Chlorantraniliprole		0.102	Clofentezine		0.102
Cyfluthrin		1.02	Cypermethrin		0.509
Daminozide		0.509	DDVP (Dichlorvos)		0.051
Fipronil		0.203	Paclobutrazol		0.203
Permethrins		0.102	Phosmet		0.102
Prallethrin		0.102	Pyrethrins		0.509
Pyridaben		0.102	Spinosad		0.102
Chlorfenapyr		1.02			

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Metals Profile

Test Conditions: °C
Extraction Technician: MLC
Analytical Chemist: MLC

Extraction Date(s)	Analysis Date(s)
4/20/2023	4/20/2023

Metals (ICP/MS)	Method Code	Results	Units
Arsenic	ICPMS	<0.097	ppm
Cadmium	ICPMS	<0.097	ppm
Lead	ICPMS	<0.241	ppm
Mercury	ICPMS	<0.010	ppm

Limits for metals vary greatly depending on usage of the sample. Altitude Consulting recommends researching federal and state regulatory limits.



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Microbial Profile

Test Conditions: °C

Extraction Technician: OMS

Analytical Chemist: SPS

Extraction
Date(s)

Analysis
Date(s)

4/18/2023

4/20/2023

Microbials	Method Code	Results	Units
Salmonella	PCR	Not Detected	per gram
Total Coliform	PetriFilms	<10.0	cfu/g
Aspergillus	PCR	Not Detected	per gram
E. coli	PetriFilms	<10.0	cfu/g
Yeast	PetriFilms	<10.0	cfu/g
Mold	PetriFilms	<10.0	cfu/g

Limits for microbials vary greatly depending on usage of the sample. Altitude Consulting recommends researching federal and state regulatory limits.

Mycotoxins Profile

Test Conditions: °C

Extraction Technician: ZEN

Analytical Chemist: KSG

Extraction
Date(s)

Analysis
Date(s)

4/20/2023

4/21/2023

Mycotoxins	Method Code	Results	Units
Aflatoxins	SOP-011	<10.2	ppb
Ochratoxins	SOP-011	<10.2	ppb

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