ANAB
ANSI National Accreditation Board
ACCREDITED
ISO/IEC 17025
TESTING LABORATORY

Altitude Consulting

Customer: Andy Klein

Address: 11480 Cherokee St., Unit A
Northglenn, CO 80234

Sample ID: Delta 8 100mg + CBD 50mg Gummy - Batch #100/50G-522G

Matrix: Concentrates

Labnumber: 22E0114-01 **Total mass or volume per unit (g or mL): 9.9077**

Cannabinoid Profile

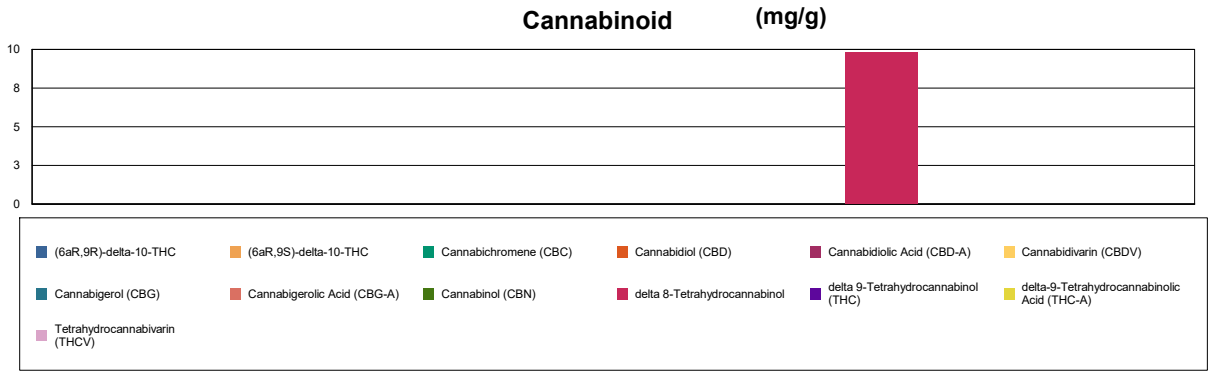
Test Conditions: 19°C
Extraction Technician: SH
Analytical Chemist: SH

Extraction Date(s)	Analysis Date(s)
5/20/2022	5/20/2022

Cannabinoids (HPLC)		Results		
	LOD (mg/g)	%	mg/g	mg/Gummy
Cannabidivarin (CBDV)	<0.040			
Cannabidiolic Acid (CBD-A)	<0.040			
Cannabigerolic Acid (CBG-A)	<0.040			
Cannabigerol (CBG)	<0.040			
Cannabidiol (CBD)	<0.040			
Tetrahydrocannabivarin (THCV)	<0.040			
Cannabinol (CBN)	<0.040			
Cannabichromene (CBC)	<0.040			
delta 9-Tetrahydrocannabinol (THC)	<0.090			
delta-9-Tetrahydrocannabinolic Acid (THC-A)	<0.090			
delta 8-Tetrahydrocannabinol		0.98	9.80	97.1
(6aR,9S)-delta-10-THC	<0.090			
(6aR,9R)-delta-10-THC	<0.090			

Cannabinoids Total	%	mg/g
Max Active THC (delta-9-tetrahydrocannabinol)	<0.009	<0.090
Max Active CBD	<0.004	<0.040
Total Cannabinoids	0.98	9.80

Following USDA guidelines on uncertainty, Altitude Consulting's uncertainty is calculated to be +/- 2% 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 - 5/23/2022

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Altitude Consulting

Customer: Andy Klein

Address: 11480 Cherokee St., Unit A
Northglenn, CO 80234

Sample ID: Delta 8 100mg + CBD 50mg Gummy - Batch #100/50G-522G

Matrix: Edible

Labnumber: 22F0003-01 **Total mass or volume per unit (g or mL):** 50

Pesticide Profile

Test Conditions: DVT-EQP-145°C

Extraction Technician: HEA

Analytical Chemist: MLC

Extraction Date(s)	Analysis Date(s)
6/7/2022	6/7/2022

Pesticides (LC/MS/MS)	Results	LOD	Pesticides (LC/MS/MS)	Results	LOD
	ppm	ppm		ppm	ppm
Acephate		0.202	Acequinocyl		1.01
Acetamiprid		0.101	Aldicarb		0.202
Azoxystrobin		0.101	Bifenthrin		0.101
Boscalid		0.202	Carbaryl		0.101
Carbofuran		0.101	Chlorpyrifos		0.101
Diazinon		0.101	Dimethoate		0.101
Ethoprophos		0.101	Etofenprox		0.202
Etoxazole		0.101	Fenoxycarb		0.101
Fenpyroximate E		0.202	Flonicamid		0.505
Fludioxonil		0.202	Hexythiazox		0.505
Imazalil		0.101	Imidacloprid		0.202
Kresoxim-methyl		0.202	Malathion		0.101
Metalaxyl		0.101	Methiocarb		0.101
Methomyl		0.202	Myclobutanil		0.101
Naled		0.253	Oxamyl		0.505
Piperonyl butoxide		1.01	Propiconazole		0.202
Propoxure		0.101	Spiromesifen		0.101
Spirotetramat		0.101	Spiroxamine		0.202
Tebuconazole		0.202	Thiacloprid		0.101
Thiamethoxam		0.101	Trifloxystrobin		0.101
Abamectin		0.253	Bifenazate		0.101
Chlorantraniliprole		0.101	Clofentezine		0.101
Cyfluthrin		1.01	Cypermethrin		0.505
Daminozide		0.505	DDVP (Dichlorvos)		0.051
Fipronil		0.202	Paclobutrazol		0.202
Permethrins		0.101	Phosmet		0.101
Prallethrin		0.101	Pyrethrins		0.505
Pyridaben		0.101	Spinosad		0.101
Chlorfenapyr		1.01			

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Gary Brook - Laboratory Director - 6/16/2022

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Customer: Andy Klein

Address: 11480 Cherokee St., Unit A
Northglenn, CO 80234

Sample ID: Delta 8 100mg + CBD 50mg Gummy - Batch #100/50G-522G

Matrix: Edible

Labnumber: 22F0003-01 **Total mass or volume per unit (g or mL): 50**

Metals Profile

Test Conditions: DVT-EQP-145°C

Extraction Technician: JPA

Analytical Chemist: ZEN

Extraction Date(s)	Analysis Date(s)
6/6/2022	6/9/2022

Metals (ICP/MS)	Method Code	Results	Units
Arsenic	ICPMS	<0.097	ppm
Cadmium	ICPMS	<0.097	ppm
Lead	ICPMS	<0.242	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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Sample ID: Delta 8 100mg + CBD 50mg Gummy - Batch #100/50G-522G

Matrix: Edible

Labnumber: 22F0003-01 **Total mass or volume per unit (g or mL):** 50

Microbial Profile

Test Conditions: °C

Extraction Technician: MEF

Analytical Chemist: TCJ

Extraction Date(s)	Analysis Date(s)
6/4/2022	6/9/2022

Microbials	Method Code	Results	Units
Salmonella	PCR	Absent	per gram
Total Coliform	PetriFilms	<10.0	cfu/g
Aspergillus	PCR	Absent	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.

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Altitude Consulting

Customer: Dakota Labs

Address: 1625 Cambell Street
Rapid City SD 57701

Sample ID: Delta 8 100mg + CBD 50mg Gummy - Batch #100/50G-522G

Matrix: Edible

Labnumber: 22F0003-01 **Total mass or volume per unit (g or mL):** 50

Terpene Profile

Test Conditions: 19°C

Extraction Technician: SH

Analytical Chemist: CB

Extraction Date(s)	Analysis Date(s)
6/1/2022	6/1/2022

Terpene (GC/MS)	Results	Terpene (GC/MS)	Results
	ug/g		ug/g
alpha-Pinene		Isoborneol	
Camphene		Hexahydrothymol	
Sabinene		(+)-Borneol and (-)-Borneol	
beta-Myrcene		alpha-Terpineol	
beta-Pinene		gamma-Terpineol	
p-Mentha-1,5-diene		Nerol	
(1S)-(+)-3-Carene		Geraniol	
alpha-Terpinene		(+)-Pulegone	
Ocimene Peak 1		Geranyl Acetate	
(R) - (+)-Limonene		alpha-Cedrene	
Ocimene Peak 2		trans-Caryophyllene	
Eucalyptol (1,8-Cineole)		alpha-Humulene	
gamma-Terpinene		Valencene	
Sabinene Hydrate		cis-Nerolidol	
Terpinolene		trans-Nerolidol	
Linalool		Guaiol	
(+)-Fenchone and L(-)-Fenchone		(-)-Caryophyllene Oxide	
(1R)-Endo-(+)-Fenchyl		(+)-Cedrol	
(-)-Isopulegol		(-)-alpha-Bisabolol (Levomenol)	
Camphor and (1S)-(-)-Camphor			

Blank results indicate the compound was below the limit of detection.

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alpha-Pinene
Camphene
Sabinene
beta-Myrcene
beta-Pinene
beta-Pinene and beta-Myrcene
p-Mentha-1,5-diene
(1S)-(+)-3-Carene
alpha-Terpinene
Ocimene Peak 1
(R) - (+)-Limonene
Ocimene Peak 2
Eucalyptol (1,8-Cineole)
gamma-Terpinene
Sabinene Hydrate
Terpinolene
Linalool
(+)-Fenchone and L(-)-Fenchone
(1R)-Endo-(+)-Fenchyl
(-)-Isopulegol
Camphor and (1S)-(-)-Camphor
Isoborneol
Hexahydrothymol
(+)-Borneol and (-)-Borneol
alpha-Terpineol
gamma-Terpineol
Nerol
Geraniol
(+)-Pulegone
Geranyl Acetate
alpha-Cedrene
trans-Caryophyllene
alpha-Humulene
Valencene
cis-Nerolidol
trans-Nerolidol
Guaiol
(-)-Caryophyllene Oxide
(+)-Cedrol
(-)-alpha-Bisabolol (Levomenol)

Reporting limit is roughly 100 ug/g depending on amount extracted.

Gary Brook - Laboratory Director - 6/8/2022

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Rapid City SD 57701

Sample ID: Delta 8 100mg + CBD 50mg Gummy - Batch #100/50G-522G

Matrix: Edible

Labnumber: 22F0003-01 **Total mass or volume per unit (g or mL):** 50

Residual Solvents Profile

Test Conditions: 21°C

Extraction Technician: SH

Analytical Chemist: SH

Extraction Date(s)	Analysis Date(s)
6/6/2022	6/7/2022

Residual Solvents (GC/MS)	Results
	ug/g
Propane	<11.8
Isobutane	<11.8
Methanol	<11.8
Butane	<11.8
Isopropanol	<11.8
Ethanol	<12.9
2-Methyl Butane	<11.8
Acetonitrile	<11.8
Acetone	<11.8
n-Pentane	<11.8
n-Hexane	<5.92
Tetrahydrofuran	<11.8
Benzene	<0.118
n-Heptane	<11.8
Toluene	<11.8
Ethylbenzene	<11.8
m+p Xylene	<11.8
o-Xylene	<11.8

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