



**Customer:** Leune Labs  
**Address:** 8581 Santa Monica Blvd.  
Suite 462  
West Hollywood, CA 60069  
**Sample ID:** 3.6g Cloud Berry 5mg D9, 5mg CBD, 10mg Spirulina - LOT001EXP0426  
**Matrix:** Edible  
**Labnumber:** 24C0003-01 **Total mass or volume per unit (g or mL):** 3.6

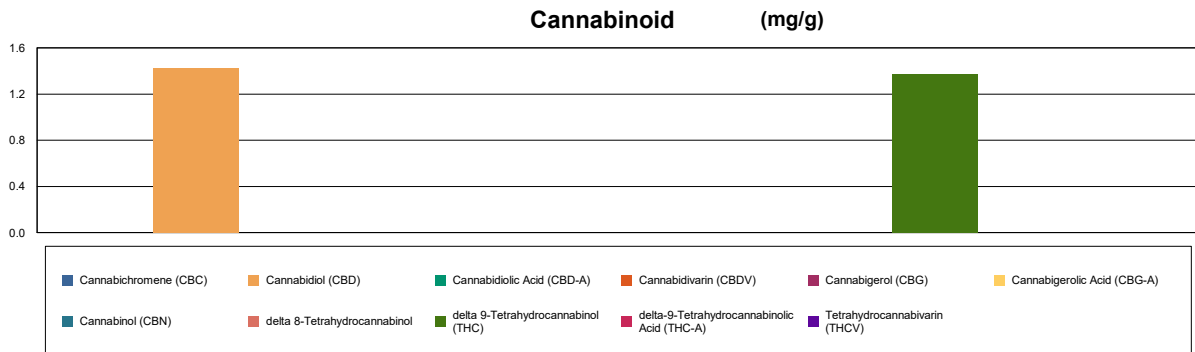
## Cannabinoid Profile

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

Extraction Date(s)	Analysis Date(s)
3/1/2024	3/2/2024

Test Method: Cannabinoid Potency by HPLC		Results		
	LOD (mg/g)	%	mg/g	mg/Gummy
Cannabidivarin (CBDV)	<0.080			
Cannabidiolic Acid (CBD-A)	<0.080			
Cannabigerolic Acid (CBG-A)	<0.080			
Cannabigerol (CBG)	<0.080			
Cannabidiol (CBD)		0.14	1.43	5.15
Tetrahydrocannabivarin (THCV)	<0.080			
Cannabinol (CBN)	<0.080			
Cannabichromene (CBC)	<0.080			
delta 9-Tetrahydrocannabinol (THC)		0.14	1.37	4.94
delta-9-Tetrahydrocannabinolic Acid (THC-A)	<0.20			
delta 8-Tetrahydrocannabinol	<0.20			
Cannabinoids Total		%	mg/g	
Max Active THC (delta-9-tetrahydrocannabinol)		0.14	1.37	
Max Active CBD		0.14	1.43	
Total Cannabinoids		0.28	2.80	

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 - 3/11/2024**

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## Terpene Profile

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

Extraction Date(s)	Analysis Date(s)
3/1/2024	3/2/2024

Test Method: Terpene Profile by GC/MS	Results	Test Method: Terpene Profile by GC/MS	Results
	ug/g		ug/g
<del>beta-Caryophyllene</del>		alpha-Pinene	
Isoborneol		Camphene	
Sabinene		(+)-Borneol and (-)-Borneol	
beta-Myrcene		alpha-Terpineol	
beta-Pinene		gamma-Terpineol	
Nerol		(1S)-(+)-3-Carene	
Geraniol		alpha-Terpinene	
(+)-Pulegone		Ocimene Peak 1	
Geranyl Acetate		d-limonene	
(-)-alpha-Cedrene		Ocimene Peak 2	
Eucalyptol (1,8-Cineole)		alpha-Humulene	
gamma-Terpinene		Valencene	
Sabinene Hydrate		cis-Nerolidol	
Terpinolene		trans-Nerolidol	
Linalool		(-)-Guaiol	
(+)-Fenchone and (1R)-(-)-Fenchon		(-)-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.

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

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

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## Residual Solvents Profile

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

Extraction Date(s)	Analysis Date(s)
3/1/2024	3/7/2024

Test Method: Residual Solvents by GC/MS	Results
	ug/g
Propane	<13.1
Isobutane	<13.1
Methanol	<13.1
Butane	<13.1
Isopropanol	<13.1
Ethanol	<13.1
2-Methylbutane	<13.1
Acetonitrile	<13.1
Acetone	<13.1
n-Pentane	<13.1
n-Hexane	<6.54
Tetrahydrofuran	<13.1
Benzene	<0.131
n-Heptane	<13.1
Toluene	<13.1
Ethylbenzene	<13.1
m+p Xylene	<13.1
o-Xylene	<13.1
Methylene Chloride	<13.1

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## Pesticide Profile

**Test Conditions:** °C  
**Extraction Technician:** EGP  
**Analytical Chemist:** EGP

Extraction Date(s)	Analysis Date(s)
3/6/2024	3/7/2024

Pesticides (LC/MS/MS)	Results	LOD	Pesticides (LC/MS/MS)	Results	LOD
	ppm	ppm		ppm	ppm
Acephate		0.184	Acetamiprid		0.092
Aldicarb		0.184	Azoxystrobin		0.092
Bifenthrin		0.092	Boscalid		0.184
Carbaryl		0.092	Carbofuran		0.092
Chlorpyrifos		0.092	Diazinon		0.092
Dimethoate		0.092	Ethoprophos		0.092
Etofenprox		0.184	Etoazole		0.092
Fenoxycarb		0.092	Fenpyroximate E		0.184
Flonicamid		0.460	Fludioxonil		0.184
Hexythiazox		0.460	Imazalil		0.092
Imidacloprid		0.184	Kresoxim-methyl		0.184
Malathion		0.092	Metalaxyl		0.092
Methiocarb		0.092	Methomyl		0.184
Myclobutanil		0.092	Naled		0.230
Oxamyl		0.460	Piperonyl butoxide		0.920
Propiconazole		0.184	Propoxure		0.092
Spiromesifen		0.092	Spirotetramat		0.092
Spiroxamine		0.184	Tebuconazole		0.184
Thiacloprid		0.092	Thiamethoxam		0.092
Trifloxystrobin		0.092	Abamectin		0.230
Bifenazate		0.092	Chlorantraniliprole		0.092
Clofentezine		0.092	Cyfluthrin		0.920
Cypermethrin		0.460	Daminozide		0.460
DDVP (Dichlorvos)		0.046	Fipronil		0.184
Paclobutrazol		0.184	Permethrins		0.092
Phosmet		0.092	Prallethrin		0.092
Pyrethrins		0.460	Pyridaben		0.092
Spinosad		0.092	Chlorfenapyr		0.920

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## Metals Profile

**Test Conditions:** °C  
**Extraction Technician:** ZEN  
**Analytical Chemist:** ZEN

Extraction Date(s)	Analysis Date(s)
3/6/2024	3/6/2024

Metals (ICP/MS)	Method Code	Results	Units
Arsenic	ICPMS	<0.104	ppm
Cadmium	ICPMS	<0.104	ppm
Lead	ICPMS	<0.260	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: VAM

Analytical Chemist: TAM

Extraction  
Date(s)

Analysis  
Date(s)

3/5/2024

3/8/2024

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

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

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