

CERTIFICATE OF ANALYSIS
| HEMP QUALITY ASSURANCE TEST

Sample Name:

**Erth Wellness –
Strawberry Mango
– 750mg**

Infused, Solid Edible

Date Issued:

10/24/2024

(https://sclaboratories.s3.us-west-1.amazonaws.com/sample_photos/2410)

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Sample Details

Sample ID: 241015N023

Batch Number:

[Show More](#)**Cultivator / Manufacturer**[Show Details](#)**Distributor / Tested For**

Business Name: Erth, LLC

License Number:

Address:

CA

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Cannabinoid Analysis – Summary

[View Full Results](#)

Total THC: **Not Detected**

Total CBD: **733.215 mg/unit**

Sum of Cannabinoids: **1456.455 mg/unit**

Total Cannabinoids: **1456.455 mg/unit**

Total THC/CBD is calculated using the following formulas to take into account the loss of a carboxyl group during the decarboxylation step:

Total THC = $\Delta^9\text{-THC} + (\text{THCa} (0.877))$

Total CBD = $\text{CBD} + (\text{CBDa} (0.877))$

Sum of Cannabinoids = $\Delta^9\text{-THC} + \text{THCa} + \text{CBD} + \text{CBDa} + \text{CBG} + \text{CBGa} + \text{THCV} + \text{THCVa} + \text{CBC} + \text{CBCa} + \text{CBDV} + \text{CBDVa} + \Delta^8\text{-THC} + \text{CBL} + \text{CBN}$

Total Cannabinoids = $(\Delta^9\text{-THC} + 0.877 * \text{THCa}) + (\text{CBD} + 0.877 * \text{CBDa}) + (\text{CBG} + 0.877 * \text{CBGa}) + (\text{THCV} + 0.877 * \text{THCVa}) + (\text{CBC} + 0.877 * \text{CBCa}) + (\text{CBDV} + 0.877 * \text{CBDVa}) + \Delta^8\text{-THC} + \text{CBL} + \text{CBN}$

Why are Sum of Cannabinoids and Total Cannabinoids calculated separately? 

Safety Analysis – Summary

[View Full Results](#)

Δ^9 -THC per Unit: **Pass**

Pesticides: **Pass**

Mycotoxins: **Pass**

Residual Solvents: **Pass**

Heavy Metals: **Pass**

Microbiology (PCR): **Pass**

Foreign Material: **Pass**

View Complete Test Results:

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Cannabinoid Analysis **Tested**

[Show Le](#)

Tested by high-performance liquid chromatography with diode-array detection (HPLC-DAD).

Method: QSP 1157 – Analysis of Cannabinoids by HPLC-DAD

Summary

Total THC:

Not Detected

(Δ^9 -THC+0.877*THCa)

Total CBD:

733.215 mg/unit

(CBD+0.877*CBDA)

Total Cannabinoids: ?

1456.455 mg/unit

Total CBG: 723.240 mg/unit

Total CBG (CBG+0.877*CBGa)

Total THCV: ND

Total THCV (THCV+0.877*THCVa)

Total CBC: ND

Total CBC (CBC+0.877*CBCa)

Total CBDV: ND

Total CBDV (CBDV+0.877*CBDVa)

Learn more

The cannabis plant contains dozens of active compounds called cannabinoids (<https://www.sclabs.com/cannabinoids/>). These compounds are the primary contributors to the psychoactive effects of cannabis.

Cannabinoid testing (<https://www.sclabs.com/cannabis/>) determines the potency of a sample to aid in dosage considerations.

Cannabinoid Test Results | 10/19/2024

Result Views

Table

Pie Chart

Filter by:

Swipe left on table to see additional columns

Compound	LOD/LOQ (mg/g) ⓘ	Measurement Uncertainty (mg/g) ⓘ	Result (mg/g)	Result (%)
Cannabidiol (CBD)	0.080 / 0.220	±0.2605	6.983	0.6983
Cannabigerol (CBG)	0.040 / 0.120	±0.3341	6.888	0.6888
Cannabichromene (CBC)	0.060 / 0.200	N/A	ND	ND
Cannabicyclol (CBL)	0.060 / 0.200	N/A	ND	ND
Cannabinol (CBN)	0.020 / 0.140	N/A	ND	ND
Cannabichromenic Acid (CBCa)	0.020 / 0.300	N/A	ND	ND
Cannabidivarin (CBDV)	0.040 / 0.240	N/A	ND	ND
Cannabidiolic Acid (CBDa)	0.020 / 0.520	N/A	ND	ND
Cannabigerolic Acid (CBGa)	0.040 / 0.140	N/A	ND	ND
Tetrahydrocannabivarin (THCV)	0.040 / 0.240	N/A	ND	ND
SUM OF CANNABINOIDS			13.871 mg/g	1.3871%

Compound	LOD/LOQ (mg/g) ?	Measurement Uncertainty (mg/g) ?	Result (mg/g)	Result (%)
Tetrahydrocannabinolic Acid (THCa)	0.020 / 0.100	N/A	ND	ND
Cannabidivarinic Acid (CBDVa)	0.020 / 0.360	N/A	ND	ND
Tetrahydrocannabivarinic Acid (THCVa)	0.040 / 0.380	N/A	ND	ND
Δ 8 Tetrahydrocannabinol (Δ 8THC)	0.20 / 0.40	N/A	ND	ND
Δ 9 Tetrahydrocannabinol (Δ 9THC)	0.040 / 0.280	N/A	ND	ND
SUM OF CANNABINOIDS			13.871 mg/g	1.3871%

Unit Mass: 105 GRAMS

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Δ ⁹ -THC per Unit	110 per-package limit	ND	Pass
Total THC per Unit		ND	
CBD per Unit		733.215 mg/unit	
Total CBD per Unit		733.215 mg/unit	

Sum of Cannabinoids per Unit	1456.455 mg/unit
Total Cannabinoids per Unit	1456.455 mg/unit

 Pesticide Analysis **Pass** [Show Le](#)

Pesticide and plant growth regulator analysis utilizing high-performance liquid chromatography-mass spectrometry (HPLC-MS) or gas chromatography-mass spectrometry (GC-MS).

*GC-MS utilized where indicated.

Method: QSP 1212 - Analysis of Pesticides and Mycotoxins by LC-MS or QSP 1213 - Analysis of Pesticides by GC-MS

Pesticide Test Results | 10/23/2024 | PASS

Filter by:

Swipe left on table to see additional columns

Compound	LOD/LOQ (µg/g) ?	Action Limit (µg/g) ?	Measurement Uncertainty (µg/g) ?	Result (µg/g)
Aldicarb	0.03 / 0.08	≥ LOD	N/A	ND
Carbofuran	0.02 / 0.05	≥ LOD	N/A	ND
Chlordane*	0.03 / 0.08	≥ LOD	N/A	ND



Compound	LOD/LOQ (µg/g) ②	Action Limit (µg/g) ②	Measurement Uncertainty (µg/g) ②	Result (µg/g)
Chlorfenapyr*	0.03 / 0.10	≥ LOD	N/A	ND
Chlorpyrifos	0.02 / 0.06	≥ LOD	N/A	ND
Coumaphos	0.02 / 0.07	≥ LOD	N/A	ND
Daminozide	0.02 / 0.07	≥ LOD	N/A	ND
Dichlorvos (DDVP)	0.03 / 0.09	≥ LOD	N/A	ND
Dimethoate	0.03 / 0.08	≥ LOD	N/A	ND
Ethoprophos	0.03 / 0.10	≥ LOD	N/A	ND
Etofenprox	0.02 / 0.06	≥ LOD	N/A	ND
Fenoxycarb	0.03 / 0.08	≥ LOD	N/A	ND
Fipronil	0.03 / 0.08	≥ LOD	N/A	ND
Imazalil	0.02 / 0.06	≥ LOD	N/A	ND
Methiocarb	0.02 / 0.07	≥ LOD	N/A	ND
Mevinphos	0.03 / 0.09	≥ LOD	N/A	ND

Compound	LOD/LOQ (µg/g) ②	Action Limit (µg/g) ②	Measurement Uncertainty (µg/g) ②	Result (µg/g)
Paclobutrazol	0.02 / 0.05	≥ LOD	N/A	ND
Parathion-methyl	0.03 / 0.10	≥ LOD	N/A	ND
Propoxur	0.03 / 0.09	≥ LOD	N/A	ND
Spiroxamine	0.03 / 0.08	≥ LOD	N/A	ND
Thiacloprid	0.03 / 0.10	≥ LOD	N/A	ND
Abamectin	0.03 / 0.10	0.3	N/A	ND
Acephate	0.02 / 0.07	5	N/A	ND
Acequinocyl	0.02 / 0.07	4	N/A	ND
Acetamiprid	0.02 / 0.05	5	N/A	ND
Azoxystrobin	0.02 / 0.07	40	N/A	ND
Bifenazate	0.01 / 0.04	5	N/A	ND
Bifenthrin	0.02 / 0.05	0.5	N/A	ND
Boscalid	0.03 / 0.09	10	N/A	ND



Compound	LOD/LOQ (µg/g) ②	Action Limit (µg/g) ②	Measurement Uncertainty (µg/g) ②	Result (µg/g)
Captan	0.19 / 0.57	5	N/A	ND
Carbaryl	0.02 / 0.06	0.5	N/A	ND
Chlorantraniliprole	0.04 / 0.12	40	N/A	ND
Clofentezine	0.03 / 0.09	0.5	N/A	ND
Cyfluthrin	0.12 / 0.38	1	N/A	ND
Cypermethrin	0.11 / 0.32	1	N/A	ND
Diazinon	0.02 / 0.05	0.2	N/A	ND
Dimethomorph	0.03 / 0.09	20	N/A	ND
Etoxazole	0.02 / 0.06	1.5	N/A	ND
Fenhexamid	0.03 / 0.09	10	N/A	ND
Fenpyroximate	0.02 / 0.06	2	N/A	ND
Flonicamid	0.03 / 0.10	2	N/A	ND
Fludioxonil	0.03 / 0.10	30	N/A	ND

Compound	LOD/LOQ (µg/g) ②	Action Limit (µg/g) ②	Measurement Uncertainty (µg/g) ②	Result (µg/g)
Hexythiazox	0.02 / 0.07	2	N/A	ND
Imidacloprid	0.04 / 0.11	3	N/A	ND
Kresoxim-methyl	0.02 / 0.07	1	N/A	ND
Malathion	0.03 / 0.09	5	N/A	ND
Metalaxyl	0.02 / 0.07	15	N/A	ND
Methomyl	0.03 / 0.10	0.1	N/A	ND
Myclobutanil	0.03 / 0.09	9	N/A	ND
Naled	0.02 / 0.07	0.5	N/A	ND
Oxamyl	0.04 / 0.11	0.2	N/A	ND
Pentachloronitrobenzene (Quintozene)*	0.03 / 0.09	0.2	N/A	ND
Permethrin	0.04 / 0.12	20	N/A	ND
Phosmet	0.03 / 0.10	0.2	N/A	ND
Piperonyl Butoxide	0.02 / 0.07	8	N/A	ND

Compound	LOD/LOQ (µg/g) ②	Action Limit (µg/g) ②	Measurement Uncertainty (µg/g) ②	Result (µg/g)
Prallethrin	0.03 / 0.08	0.4	N/A	ND
Propiconazole	0.02 / 0.07	20	N/A	ND
Pyrethrins	0.04 / 0.12	1	N/A	ND
Pyridaben	0.02 / 0.07	3	N/A	ND
Spinetoram	0.02 / 0.07	3	N/A	ND
Spinosad	0.02 / 0.07	3	N/A	ND
Spiromesifen	0.02 / 0.05	12	N/A	ND
Spirotetramat	0.02 / 0.06	13	N/A	ND
Tebuconazole	0.02 / 0.07	2	N/A	ND
Thiamethoxam	0.03 / 0.10	4.5	N/A	ND
Trifloxystrobin	0.03 / 0.08	30	N/A	ND

Mycotoxin analysis utilizing high-performance liquid chromatography-mass spectrometry (HPLC-MS).

Method: QSP 1212 - Analysis of Pesticides and Mycotoxins by LC-MS

Mycotoxin Test Results | 10/23/2024 | PASS

Filter by:

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Compound	LOD/LOQ (µg/kg) ?	Action Limit (µg/kg) ?	Measurement Uncertainty (µg/kg) ?	Result (µg/kg)	Result
Aflatoxin B1	2.0 / 6.0		N/A	ND	
Aflatoxin B2	1.8 / 5.6		N/A	ND	
Aflatoxin G1	1.0 / 3.1		N/A	ND	
Aflatoxin G2	1.2 / 3.5		N/A	ND	
Ochratoxin A	6.3 / 19.2	20	N/A	ND	Pass
Total Aflatoxin		20	±	ND	Pass



Residual Solvents Analysis **Pass**

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Residual Solvent analysis utilizing gas chromatography-mass spectrometry (GC-MS).

Method: QSP 1204 - Analysis of Residual Solvents by GC-MS

Residual Solvents Test Results | 10/23/2024 | PASS

Filter by:

Swipe left on table to see additional columns

Compound	LOD/LOQ (µg/g) ⓘ	Action Limit (µg/g) ⓘ	Measurement Uncertainty (µg/g) ⓘ	Result (µg/g)	Result
1,2-Dichloroethane	0.05 / 0.1	1	N/A	ND	Pass
Benzene	0.03 / 0.09	1	N/A	ND	Pass
Chloroform	0.1 / 0.2	1	N/A	ND	Pass
Dichloromethane (Methylene Chloride)	0.3 / 0.9	1	N/A	ND	Pass
Ethylene Oxide	0.3 / 0.8	1	N/A	ND	Pass
Trichloroethylene	0.1 / 0.3	1	N/A	ND	Pass
2-Propanol (Isopropyl Alcohol)	10 / 40	5000	N/A	<LOQ	Pass
Acetone	20 / 50	5000	N/A	ND	Pass
Acetonitrile	2 / 7	410	N/A	ND	Pass

Compound	LOD/LOQ (µg/g) ⓘ	Action Limit (µg/g) ⓘ	Measurement Uncertainty (µg/g) ⓘ	Result (µg/g)	Result
Ethanol	20 / 50	5000	N/A	ND	Pass
Ethyl Acetate	20 / 60	5000	N/A	ND	Pass
Ethyl Ether	20 / 50	5000	N/A	ND	Pass
Methanol	50 / 200	3000	N/A	ND	Pass
n-Butane	10 / 50	5000	N/A	ND	Pass
n-Heptane	20 / 60	5000	N/A	ND	Pass
n-Hexane	2 / 5	290	N/A	ND	Pass
n-Pentane	20 / 50	5000	N/A	ND	Pass
Propane	10 / 20	5000	N/A	ND	Pass
Toluene	7 / 21	890	N/A	ND	Pass
Total Volatiles	50 / 100	2170	N/A	ND	Pass



Heavy Metals Analysis

Pass

Show Legend

Heavy metal analysis utilizing inductively coupled plasma-mass spectrometry (ICP-MS).

Method: QSP 1160 – Analysis of Heavy Metals by ICP-MS

Heavy Metals Test Results

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10/23/2024

|

PASS

Filter by:

Swipe left on table to see additional columns

Compound	LOD/LOQ (µg/g) ⓘ	Action Limit (µg/g) ⓘ	Measurement Uncertainty (µg/g) ⓘ	Result (µg/g)	Result
Arsenic	0.02 / 0.1	1.5	N/A	ND	Pass
Cadmium	0.02 / 0.05	0.5	N/A	ND	Pass
Lead	0.04 / 0.1	0.5	N/A	ND	Pass
Mercury	0.002 / 0.01	3	N/A	ND	Pass



Microbiology Analysis

✓

Pass

Show Legend

Analysis conducted by polymerase chain reaction (PCR) and fluorescence detection of microbiological contaminants.

Method: QSP 1221 – Analysis of Microbiological Contaminants

Microbiology Test Results (PCR)

10/23/2024

PASS

Filter by:

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Compound	Action Limit ?	Result	Result
<i>Salmonella</i> spp.	Not Detected in 1g	ND	Pass
Shiga toxin-producing <i>Escherichia coli</i>	Not Detected in 1g	ND	Pass



Foreign Material Analysis

Pass

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Visual analysis includes, but is not limited to, sand, soil, cinders, dirt, mold, hair, insect fragments, and mammalian excreta.

Method: QSP 1226 – Analysis of Foreign Material in Cannabis and Cannabis Products

Foreign Material Test Results

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10/22/2024

|

PASS

Filter by:

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Compound	Action Limit ?	Result	Result
Hair Count	> 1 per 3 grams	0.0	Pass
Insect Fragment Count	> 1 per 3 grams	0.0	Pass
Mammalian Excreta Count	> 1 per 3 grams	0.0	Pass
Total Sample Area Covered by Mold	>25%	None	Pass

Compound	Action Limit 	Result	Result
Total Sample Area Covered by Sand, Soil, Cinders, or Dirt	>25%	None	Pass
Total Sample Area Covered by an Imbedded Foreign Material	>25%	None	Pass

COA ID: 241015N023-002

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Sample Certification: California Code of Regulations Title 4 Division 19. Department of Cannabis Control Business and Professions Code. Reference: Sections 26100, 26104 and 26110, Business and Professions Code.

Decision Rule: Statements of conformity (e.g. Pass/Fail) to specifications are made in this report without taking measurement uncertainty into account. Where statements of conformity are made in this report, the following decision rules are applied: PASS - Results within limits/specifications, FAIL - Results exceed limits/specifications.

References: limit of detection (LOD), limit of quantification (LOQ), not detected (ND), not tested (NT), µg/g = ppm, µg/kg = ppb

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