CERTIFICATE OF ANALYSIS
HEMP QUALITY ASSURANCE TEST

Sample Name:

Erth Wellness - Metabolism - Straw Melon - 1000mg

Infused, Liquid Edible

Date Issued:
12/29/2023

(https://sclaboratories.s3.amazonaws.con
AWSAccessKeyId=AKIA4A5QPJ7BN6X4IY2F

Share | Catalog View (/erth-llc/)

Serving Size:
1 milliliter

Sample Details

Sample ID: 231220R013

Batch Number:
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Cultivator / Manufacturer

Show Details

Distributor / Tested For

Show Details

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Cannabinoid Analysis - Summary

View Full Results

Total THC: **Not Detected**

Total CBD: **978.810 mg/unit**

Sum of Cannabinoids: **1951.20 mg/unit**

Total Cannabinoids: **1951.20 mg/unit**

Density: 0.9514 g/mL

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 = Δ^9-THC + (THCa (0.877))
Total CBD = CBD + (CBDa (0.877))

Sum of Cannabinoids = Δ^9-THC + THCa + CBD + CBDa + CBG + CBGa + THCV + THCVa + CBC + CBCa + CBDV + CBDVa + Δ^8-THC + CBL + CBN

Total Cannabinoids = (Δ^9-THC+0.877*THCa) + (CBD+0.877*CBDa) + (CBG+0.877*CBGa) + (THCV+0.877*THCVa) + (CBC+0.877*CBCa) + (CBDV+0.877*CBDVa) + Δ^8-THC + CBL + CBN

Why are Sum of Cannabinoids and Total Cannabinoids calculated separately?

Safety Analysis - Summary

View Full Results

Δ^9-THC per Unit: **Pass**

Δ^9-THC per Serving: **Pass**

Pesticides: **Pass**

Mycotoxins: **Pass**

Residual Solvents: **Pass**

Heavy Metals: **Pass**

Microbiology (PCR): **Pass**

Foreign Material: **Pass**

View Complete Test Results:

Collapse All

Cannabinoid Analysis **Tested**

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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:

978.810 mg/unit
(CBD+0.877*CBDa)

Total Cannabinoids:
1951.20 mg/unit

Total CBG: ND
Total CBG (CBG+0.877*CBGa)

Total THCV: 966.990 mg/unit
Total THCV (THCV+0.877*THCVa)

Total CBC: ND
Total CBC (CBC+0.877*CBCa)

Total CBDV: 4.710 mg/unit
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 | 12/23/2023

Result Views

Table | Pie Chart

Filter by:

Swipe left on table to see additional columns

Compound	LOD/LOQ (mg/mL)	Measurement Uncertainty (mg/mL)	Result (mg/mL)	Result (%)
Cannabidiol (CBD)	0.004 / 0.011	±1.2170	**32.627**	**3.4294**
Tetrahydrocannabivarin (THCV)	0.002 / 0.012	±1.5826	**32.233**	**3.3880**
Cannabidivarin (CBDV)	0.002 / 0.012	±0.0064	**0.157**	**0.0165**
Δ8 Tetrahydrocannabinol (Δ8THC)	0.01 / 0.02	±0.001	**0.02**	**0.002**
Cannabichromene (CBC)	0.003 / 0.010	N/A	**ND**	**ND**
Cannabigerol (CBG)	0.002 / 0.006	N/A	**ND**	**ND**
Cannabicyclol (CBL)	0.003 / 0.010	N/A	**ND**	**ND**
Cannabinol (CBN)	0.001 / 0.007	N/A	**ND**	**ND**
Cannabichromenic Acid (CBCa)	0.001 / 0.015	N/A	**ND**	**ND**
Cannabidiolic Acid (CBDa)	0.001 / 0.026	N/A	**ND**	**ND**
Cannabigerolic Acid (CBGa)	0.002 / 0.007	N/A	**ND**	**ND**
Tetrahydrocannabinolic Acid (THCa)	0.001 / 0.005	N/A	**ND**	**ND**
SUM OF CANNABINOIDS			**65.04 mg/mL**	**6.836%**

Compound	LOD/LOQ (mg/mL)	Measurement Uncertainty (mg/mL)	Result (mg/mL)	Result (%)
Cannabidivarinic Acid (CBDVa)	0.001 / 0.018	N/A	**ND**	**ND**
Tetrahydrocannabivarinic Acid (THCVa)	0.002 / 0.019	N/A	**ND**	**ND**
Δ9 Tetrahydrocannabinol (Δ9THC)	0.002 / 0.014	N/A	**ND**	**ND**
SUM OF CANNABINOIDS			**65.04 mg/mL**	**6.836%**

Unit Mass: 30 MILLILITERS / Serving Size: 1 MILLILITER

Swipe left on table to see additional columns

Δ^9-THC per Unit	110 per-package limit	**ND**	**Pass**
Δ^9-THC per Serving	11 per-serving limit	**ND**	**Pass**
Total THC per Unit		**ND**	
Total THC Per Serving		**ND**	
CBD per Unit		**978.810 mg/unit**	
CBD per Serving		**32.627 mg/serving**	
Total CBD per Unit		**978.810 mg/unit**	

Total CBD per Serving	**32.627 mg/serving**
Sum of Cannabinoids per Unit	**1951.20 mg/unit**
Sum of Cannabinoids per Serving	**65.04 mg/serving**
Total Cannabinoids per Unit	**1951.20 mg/unit**
Total Cannabinoids per Serving	**65.04 mg/serving**

Density Test Result

0.9514 g/mL

Tested 12/23/2023

Method: QSP 7870 - Sample Preparation

Pesticide Analysis Pass

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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 | 12/23/2023 | PASS

Filter by:

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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**
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**

Compound	LOD/LOQ (µg/g)	Action Limit (µg/g)	Measurement Uncertainty (µg/g)	Result (µg/g)
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**
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**

Compound	LOD/LOQ (µg/g)	Action Limit (µg/g)	Measurement Uncertainty (µg/g)	Result (µg/g)
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**
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**

Compound	LOD/LOQ (µg/g)	Action Limit (µg/g)	Measurement Uncertainty (µg/g)	Result (µg/g)
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**
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**

Compound	LOD/LOQ (µg/g)	Action Limit (µg/g)	Measurement Uncertainty (µg/g)	Result (µg/g)
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**
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**

Compound	LOD/LOQ (µg/g)	Action Limit (µg/g)	Measurement Uncertainty (µg/g)	Result (µg/g)
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 Pass

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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 | 12/23/2023 | PASS

Filter by:

Swipe left on table to see additional columns

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	

Compound	LOD/LOQ (µg/kg)	Action Limit (µg/kg)	Measurement Uncertainty (µg/kg)	Result (µg/kg)	Result
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 | 12/23/2023 | PASS

Filter by:

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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

Compound	LOD/LOQ (µg/g)	Action Limit (µg/g)	Measurement Uncertainty (µg/g)	Result (µg/g)	Result
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	ND	Pass
Acetone	20 / 50	5000	N/A	ND	Pass
Acetonitrile	2 / 7	410	N/A	ND	Pass
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

Compound	LOD/LOQ (µg/g)	Action Limit (µg/g)	Measurement Uncertainty (µg/g)	Result (µg/g)	Result
Propane	10 / 20	5000	N/A	ND	Pass
Toluene	7 / 21	890	N/A	ND	Pass
Total Xylenes	50 / 160	2170	N/A	ND	Pass

Heavy Metals Analysis Pass

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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 | 12/23/2023 | 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

Compound	LOD/LOQ (µg/g)	Action Limit (µg/g)	Measurement Uncertainty (µg/g)	Result (µg/g)	Result
Mercury	0.002 / 0.01	3	N/A	**ND**	**Pass**

Microbiology Analysis Pass

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

Method: QSP 1221 - Analysis of Microbiological Contaminants

Microbiology Test Results (PCR) | 12/26/2023 | PASS

Filter by:

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Compound	Action Limit	Result	Result
***Salmonella* spp.**	Not Detected in 1g	**ND**	**Pass**
Shiga toxin-producing *Escherichia coli*	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 | 12/22/2023 | 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**
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: 231220R013-002

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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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