CERTIFICATE OF ANALYSIS | HEMP QUALITY ASSURANCE TEST

Sample Name:

Erth Wellness - Broad Spectrum - 3000mg - Unflavored

Infused, Liquid Edible

Date Issued:
11/04/2024

.com/sample_photos/241029K018.jpg?
AWSAccessKeyId=AKIA4A5QPJ7BN6X4IY2F&Signature=Opiezz0OudqruEgWmLg3I4vj6ZY%3D&Expir

Sample Details

Sample ID: 241029K018

Batch Number:
Show More

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: **3014.670 mg/unit**

Sum of Cannabinoids:
3152.730 mg/unit

Total Cannabinoids:
3152.730 mg/unit

Density: 0.9542 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**

Pesticides: **Pass**

Mycotoxins: **Pass**

Residual Solvents: **Pass**

Heavy Metals: **Pass**

Microbiology (PCR): **Pass**

Foreign Material: **Pass**

View Complete Test Results:

Expand All

Cannabinoid Analysis **Tested** Show More

Pesticide Analysis **Pass** Show More

Mycotoxin Analysis **Pass** Show More

Residual Solvents Analysis **Pass** Show More

Heavy Metals Analysis **Pass** Show More

Microbiology Analysis **Pass** Show More

Foreign Material Analysis **Pass** Show More

COA ID: 241029K018-002

For quality assurance purposes. Not a Regulatory Hemp Lab Test Report. These results relate only to the sample included on this report. This report shall not be reproduced, except in full, without written approval of the laboratory.

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

SC Laboratories California LLC. | 100 Pioneer Street, Suite E, Santa Cruz, CA 95060 | (866) 435-0709 | sclabs.com | C8-0000013-LIC | ISO/IES 17025:2017 PJLA Accreditation Number 87168

10427 Cogdill Road, Suite 500
Knoxville, TN, 37932, US
DEA Number: RK0595249

Kaycha Labs
Sleepy Z's CBD + CBN
N/A
Matrix: Edible

Certificate of Analysis

Sample:KN20413004-001
Harvest/Lot ID: N01720
Batch#: N01720
Seed to Sale# N/A
Batch Date: N/A
Sample Size Received: 38 gram
Total Weight/Volume: N/A
Retail Product Size: 114 gram
ordered : 04/11/22
sampled : 04/11/22
Completed: 04/15/22
Sampling Method: SOP Client Method

Apr 15, 2022 | Green Roads
5150 SW 48TH WAY
Davie, FL, 33314, US

PASSED

PRODUCT IMAGE

SAFETY RESULTS

Pesticides	Heavy Metals	Microbials	Mycotoxins	Residuals Solvents	Filth	Water Activity	Moisture
PASSED	PASSED	PASSED	PASSED	PASSED	PASSED	NOT TESTED	NOT TESTED

MISC.

Terpenes
NOT TESTED

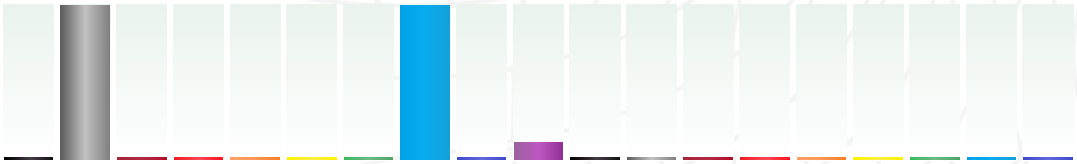
Cannabinoid

PASSED

Total THC
ND

Total CBD
0.6873%

Total Cannabinoids
0.7656%



	TOTAL THC	TOTAL CBD	TOTAL CBG	CBDV	CBDA	CBGA	CBG	CBD	THCV	CBN	EXO-THC	D9-THC	D8-THC	D10-THC	CBC	THCA	D8-THCO	D9-THCO	THC-O
%	ND	0.6873	ND	<0.01	ND	ND	ND	0.6873	ND	0.0783	ND	ND	ND	ND	ND	ND	ND	ND	ND
mg/g	ND	6.873	ND	<0.1	ND	ND	ND	6.873	ND	0.783	ND	ND	ND	ND	ND	ND	ND	ND	ND
LOD	0.001 %	0.001 %	0.001 %	0.001 %	0.001 %	0.001 %	0.001 %	0.001 %	0.001 %	0.001 %	0.002 %	0.001 %	0.001 %	0.001 %	0.001 %	0.001 %	0.002 %	0.002 %	0.002 %

Filth **PASSED**

Analyzed By	Weight	Extraction date	Extracted By
1692	0.5471g	04/13/22	1692

Analyte	LOD	Pass/Fail	Result
Filth and Foreign Material	0.3	Pass	ND

Analysis Method -SOP.T.40.013 **Batch Date :** 04/11/22 09:59:10
Analytical Batch -KN002241FIL **Reviewed On -** 04/13/22 08:27:22
Instrument Used : E-AMS-138 Microscope
Running On :

This includes but is not limited to hair, insects, feces, packaging contaminants, and manufacturing waste and by-products. A SW-2713 Stereo Microscope is use for inspection.

Cannabinoid Profile Test

Analyzed by 113
Weight 0.2292g
Extraction date : 04/14/22 09:04:52
Extracted By : 113

Analysis Method -Expanded Measurement of Uncertainty: Flower Matrix d9-THC:12.7%, THCa: 9.5%, TOTAL THC 11. 1%. These uncertainties represent an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor k=2 for a normal distribution.
Reviewed On - 04/14/22 13:55:15
Batch Date : 04/13/22 10:36:16
Analytical Batch -KN002258POT **Instrument Used :** HPLC E-SHI-008 **Running On :**

Dilution : 40
Reagent : 081321.R04; 041122.R08; 040622.R04
Consumables : 947.271; 12123-046CC-046

Full spectrum cannabinoid analysis utilizing High Performance Liquid Chromatography with UV/PDA detection (HPLC-UV/PDA). (Method: SOP.T.30.031.TN for sample prep and Shimadzu High Sensitivity Method SOP.T.40.031 for analysis.).
*Based on FL action limits.

Sue Ferguson
Lab Director

State License # n/a
ISO Accreditation # 17025:2017

Signature

04/15/22
Signed On

10427 Cogdill Road, Suite 500
Knoxville, TN, 37932, US
DEA Number: RK0595249

Kaycha Labs

Sleepy Z's CBD + CBN
N/A
Matrix : Edible

Certificate of Analysis

PASSED

Green Roads

5150 SW 48TH WAY
Davie, FL, 33314, US
Telephone: (844) 747-3367
Email: LAURA@GREENROADSWORLD.COM

Sample : KN20413004-001
Harvest/Lot ID: N01720
Batch# : N01720
Sampled : 04/11/22
Odered : 04/11/22

Sample Size Received : 38 gram
Total Weight/Volume : N/A
Completed : 04/15/22 **Expires:** 04/15/23
Sample Method : SOP Client Method

Pesticides

PASSED

Pesticides	LOD	Units	Action Level	Pass/Fail	Result
ABAMECTIN B1A	0.01	ppm	0.3	PASS	ND
ACEPHATE	0.01	ppm	3	PASS	ND
ACEQUINOCYL	0.01	ppm	2	PASS	ND
ACETAMIPRID	0.01	ppm	3	PASS	ND
ALDICARB	0.01	ppm	0.1	PASS	ND
AZOXYSTROBIN	0.01	ppm	3	PASS	ND
BIFENAZATE	0.01	ppm	3	PASS	ND
BIFENTHRIN	0.01	ppm	0.5	PASS	ND
BOSCALID	0.01	ppm	3	PASS	ND
CARBARYL	0.01	ppm	0.5	PASS	ND
CARBOFURAN	0.01	ppm	0.1	PASS	ND
CHLORANTRANILIPROLE	0.01	ppm	3	PASS	ND
CHLORMEQUAT CHLORIDE	0.01	ppm	3	PASS	ND
CHLORPYRIFOS	0.01	ppm	0.1	PASS	ND
CLOFENTEZINE	0.01	ppm	0.5	PASS	ND
COUMAPHOS	0.01	ppm	0.1	PASS	ND
CYPERMETHRIN	0.01	ppm	1	PASS	ND
DAMINOZIDE	0.01	ppm	0.1	PASS	ND
DIAZANON	0.01	ppm	0.2	PASS	ND
DICHLORVOS	0.01	ppm	0.1	PASS	ND
DIMETHOATE	0.01	ppm	0.1	PASS	ND
DIMETHOMORPH	0.01	ppm	3	PASS	ND
ETHOPROPHOS	0.01	ppm	0.1	PASS	ND
ETOFENPROX	0.01	ppm	0.1	PASS	ND
ETOXAZOLE	0.01	ppm	1.5	PASS	ND
FENHEXAMID	0.01	ppm	3	PASS	ND
FENOXYCARB	0.01	ppm	0.1	PASS	ND
FENPYROXIMATE	0.01	ppm	2	PASS	ND
FIPRONIL	0.01	ppm	0.1	PASS	ND
FLONICAMID	0.01	ppm	2	PASS	ND
FLUDIOXONIL	0.01	ppm	3	PASS	ND
HEXYTHIAZOX	0.01	ppm	2	PASS	ND
IMAZALIL	0.01	ppm	0.1	PASS	ND
IMIDACLOPRID	0.01	ppm	3	PASS	ND
KRESOXIM-METHYL	0.01	ppm	1	PASS	ND
MALATHION	0.01	ppm	2	PASS	ND
METALAXYL	0.01	ppm	3	PASS	ND
METHIOCARB	0.01	ppm	0.1	PASS	ND
METHOMYL	0.01	ppm	0.1	PASS	ND
MEVINPHOS	0.01	ppm	0.1	PASS	ND
MYCLOBUTANIL	0.01	ppm	3	PASS	ND
NALED	0.01	ppm	0.5	PASS	ND
OXAMYL	0.01	ppm	0.5	PASS	ND
PACLOBUTRAZOL	0.01	ppm	0.1	PASS	ND
PERMETHRINS	0.01	ppm	1	PASS	ND
PHOSMET	0.01	ppm	0.2	PASS	ND
PIPERONYL BUTOXIDE	0.01	ppm	3	PASS	ND
PRALLETHRIN	0.01	ppm	0.4	PASS	ND
PROPICONAZOLE	0.01	ppm	1	PASS	ND
PROPOXUR	0.01	ppm	0.1	PASS	ND
PYRETHRINS	0.01	ppm	1	PASS	ND
PYRIDABEN	0.01	ppm	3	PASS	ND
SPINETORAM	0.01	ppm	3	PASS	ND
SPIROMESIFEN	0.01	ppm	3	PASS	ND
SPIROTETRAMAT	0.01	ppm	3	PASS	ND
SPIROXAMINE	0.01	ppm	0.1	PASS	ND
TEBUCONAZOLE	0.01	ppm	1	PASS	ND
THIACLOPRID	0.01	ppm	0.1	PASS	ND
THIAMETHOXAM	0.01	ppm	1	PASS	ND
TOTAL SPINOSAD	0.01	ppm	3	PASS	ND
TRIFLOXYSTROBIN	0.01	ppm	3	PASS	ND

Pesticides

PASSED

Analyzed by 143
Weight 0.5882g
Extraction date 04/13/22 01:04:07
Extracted By 143

Analysis Method - SOP.T.30.060, SOP.T.40.060,
Analytical Batch : KN002250PES
Instrument Used : E-SHI-125 Pesticides
Running On : 04/12/22 10:18:35

Reviewed On : 04/13/22 16:58:51
Batch Date : 04/12/22 08:59:38

Dilution : 10
Reagent : 033122.R24; 110521.03; 031822.R01; 040522.R20; 040622.R02; 040622.R01
Consumables : 210419634; 947.251
Pesticide analysis is performed using LC-MSMS which can quantify down to below single digit ppb concentrations for regulated Pesticides. Currently we analyze for 61 Pesticides. (Methods: SOP.T.30.065 Sample Preparation for Pesticides Analysis via LCMSMS and SOP.T40.065 Procedure for Pesticide Quantification Using LCMSMS). *Based on FL action limits. *

Sue Ferguson
Lab Director

State License # n/a
ISO Accreditation # 17025:2017

Signature

04/15/22
Signed On

10427 Cogdill Road, Suite 500
Knoxville, TN, 37932, US
DEA Number: RK0595249

Kaycha Labs

Sleepy Z's CBD + CBN
N/A
Matrix : Edible

Certificate of Analysis

PASSED

Green Roads

5150 SW 48TH WAY
Davie, FL, 33314, US
Telephone: (844) 747-3367
Email: LAURA@GREENROADSWORLD.COM

Sample : KN20413004-001
Harvest/Lot ID: N01720
Batch# : N01720
Sampled : 04/11/22
Odered : 04/11/22

Sample Size Received : 38 gram
Total Weight/Volume : N/A
Completed : 04/15/22 **Expires:** 04/15/23
Sample Method : SOP Client Method

Residual Solvents

PASSED

Solvent	LOD	Units	Action Level	Pass/Fail	Result
PROPANE	500	ppm	2100	PASS	ND
BUTANES (N-BUTANE)	500	ppm	2000	PASS	ND
METHANOL	25	ppm	3000	PASS	ND
ETHYLENE OXIDE	0.5	ppm	5	PASS	ND
PENTANES (N-PENTANE)	75	ppm	5000	PASS	ND
ETHANOL	500	ppm	5000	PASS	ND
ETHYL ETHER	50	ppm	5000	PASS	ND
1,1-DICHLOROETHENE	0.8	ppm	8	PASS	ND
ACETONE	75	ppm	5000	PASS	ND
2-PROPANOL	50	ppm	500	PASS	ND
ACETONITRILE	6	ppm	410	PASS	ND
DICHLOROMETHANE	12.5	ppm	600	PASS	ND
N-HEXANE	25	ppm	290	PASS	ND
ETHYL ACETATE	40	ppm	5000	PASS	ND
CHLOROFORM	0.2	ppm	60	PASS	ND
BENZENE	0.1	ppm	2	PASS	ND
1,2-DICHLOROETHANE	0.2	ppm	5	PASS	ND
HEPTANE	500	ppm	5000	PASS	ND
TRICHLOROETHYLENE	2.5	ppm	80	PASS	ND
TOLUENE	15	ppm	890	PASS	ND
TOTAL XYLENES - M, P & O - DIMETHYLBENZENE	15	ppm	2170	PASS	ND

Residual Solvents

PASSED

Analyzed by	Weight	Extraction date	Extracted By
138	1g	NA	NA

Analysis Method -SOP.T.40.032
Analytical Batch -KN002265SOL
Instrument Used : E-SHI-106 Residual Solvents
Running On :
Batch Date : 04/14/22 09:49:02

Reviewed On - 04/15/22 17:10:39

Dilution : 1
Reagent :
Consumables : R2017.099; G201.120

Residual solvents screening is performed using GC-MS which can detect below single digit ppm concentrations. Currently we analyze for 22 residual solvents. (Method: SOP.T.40.032 Residual Solvents Analysis via GC-MS). Analytes ISO pending. *Based on FL action limits.

Sue Ferguson
Lab Director

State License # n/a
ISO Accreditation # 17025:2017

Signature

04/15/22
Signed On

10427 Cogdill Road, Suite 500
Knoxville, TN, 37932, US
DEA Number: RK0595249

Kaycha Labs

Sleepy Z's CBD + CBN
N/A
Matrix : Edible

Certificate of Analysis

PASSED

Green Roads

5150 SW 48TH WAY
Davie, FL, 33314, US
Telephone: (844) 747-3367
Email: LAURA@GREENROADSWORLD.COM

Sample : KN20413004-001
Harvest/Lot ID: N01720
Batch# : N01720
Sampled : 04/11/22
Odered : 04/11/22

Sample Size Received : 38 gram
Total Weight/Volume : N/A
Completed : 04/15/22 **Expires:** 04/15/23
Sample Method : SOP Client Method

Microbials — PASSED

Analyte	LOD	Result	Pass / Fail
LISTERIA MONOCYTOGENE	2000	ND	TESTED
ESCHERICHIA COLI SHIGELLA SPP	1726	ND	PASS
SALMONELLA SPECIFIC GENE	10000	ND	PASS
ASPERGILLUS FLAVUS	10000	ND	PASS
ASPERGILLUS FUMIGATUS	10000	ND	PASS
ASPERGILLUS NIGER	10000	ND	PASS
ASPERGILLUS TERREUS	10000	ND	PASS

Analysis Method -SOP.T.40.043
Analytical Batch -KN002248MIC Batch Date : 04/12/22 08:12:34
Instrument Used : Micro E-HEW-069
Running On :

Analyzed by	Weight	Extraction date	Extracted By
1692	1.0006g	04/13/22 08:04:16	1692

Dilution : 1
Reagent : 030121.01; 121721.11; 122021.01
Consumables :

Microbiological testing for Fungal and Bacterial Identification via Polymerase Chain Reaction (PCR) method consisting of sample DNA amplified via tandem Polymerase Chain Reaction (PCR) as a crude lysate which avoids purification. (Method SOP.T.40.043) If a pathogenic Escherichia Coli, Salmonella, Aspergillus fumigatus, Aspergillus flavus, Aspergillus niger, or Aspergillus terreus is detected in 1g of a sample, the sample fails the microbiological-impurity testing.

Mycotoxins — PASSED

Analyte	LOD	Units	Result	Pass / Fail	Action Level
AFLATOXIN G2	0.002	ppm	ND	PASS	0.02
AFLATOXIN G1	0.002	ppm	ND	PASS	0.02
AFLATOXIN B2	0.002	ppm	ND	PASS	0.02
AFLATOXIN B1	0.002	ppm	ND	PASS	0.02
OCHRATOXIN A+	0.002	ppm	ND	PASS	0.02
TOTAL MYCOTOXINS	0.002	ppm	ND	TESTED	

Analysis Method -SOP.T.30.060, SOP.T.40.060
Analytical Batch -KN002251MYC | Reviewed On - 04/13/22 17:03:24
Instrument Used : E-SHI-125 Mycotoxins
Running On : 04/12/22 10:20:02 | Batch Date : 04/12/22 09:00:26

Analyzed by	Weight	Extraction date	Extracted By
143	0.5882g	04/13/22 05:04:27	143

Aflatoxins B1, B2, G1, G2, and Ochratoxins A testing using LC-MS. (Method: SOP.T.30.060 for Sample Preparation and SOP.T40.060 Procedure for Mycotoxins Quantification Using LCMS. LOQ 1.0 ppb). Total Aflatoxins (Aflotoxin B1, B2, G1, G2) must be <20µg/Kg. Ochratoxins must be <20µg/Kg. Analytes ISO pending. *Based on FL action limits.

Heavy Metals — PASSED

Metal	LOD	Unit	Result	Pass / Fail	Action Level
ARSENIC-AS	0.02	ppm	ND	PASS	1.5
CADMIUM-CD	0.02	ppm	ND	PASS	0.5
MERCURY-HG	0.02	ppm	ND	PASS	3
LEAD-PB	0.02	ppm	ND	PASS	0.5

Analyzed by	Weight	Extraction date	Extracted By
12	0.252g	04/15/22 02:04:13	12

Analysis Method -SOP.T.40.050, SOP.T.30.052
Analytical Batch -KN002266HEA | Reviewed On - 04/15/22 17:03:59
Instrument Used : Metals ICP/MS
Running On : | Batch Date : 04/14/22 13:37:36

Dilution : 50
Reagent : 121421.04; 011022.R08; 031620.03; 020422.09; 020422.R07; 030422.R15; 011022.R07; 122121.R23
Consumables : 107702-05-081520; CFT415500

Heavy Metals screening is performed using ICP-MS (Inductively Coupled Plasma – Mass Spectrometer) which can screen down to below single digit ppb concentrations for regulated heavy metals using Method SOP.T.30.052 Sample Preparation for Heavy Metals Analysis via ICP-MS and SOP.T.40.050 Heavy Metals Analysis via ICP-MS.

Sue Ferguson
Lab Director

State License # n/a
ISO Accreditation # 17025:2017

Signature

04/15/22
Signed On