

Certificate of Analysis

51 W. Weldon Ave Phoenix, AZ (480) 788-6644

www.desertvalleytesting.com

Batch

2815 S 5th Ct Milwaukee, WI 53207 (262) 364-6940 Laboratory Number: 2209028-02

Batch #: 985EAE

Sample Received:9/9/2022; Report Created: 9/16/2022

Original 1000mg

Ingestible



Cann	abinoid (HPLC) Ar	nalyzed: 09/15/	22 By: KSG	
	LOQ %	mg/mL	mg/unit	%
Compound				
THC-A	0.02014	ND	ND	ND
delta 9-THC	0.02014	1.4349	42.47	0.14349
delta 8-THC	0.02014	ND	ND	ND
THC-V	0.02014	ND	ND	ND
CBG-A	0.02014	ND	ND	ND
CBD-A	0.02014	ND	ND	ND
CBD	0.20136	33.875	1002.7	3.3875
CBD-V	0.02014	ND	ND	ND
CBN	0.02014	ND	ND	ND
CBG	0.02014	1.1582	34.28	0.11582
CBC	0.02014	1.2319	36.46	0.12319

1.4349 mg/mL	33.8750 mg/mL	37.6993 mg/mL
42.47 mg/unit	1002.70 mg/unit	1115.90 mg/unit
0.14349 %	3.38750 %	3.76993%
Total THC	Total CBD	Total Cannabinoids

Total THC = THCa * 0.877 + delta 9-THC; Total CBD = CBDa * 0.877 + CBD

23.61 : 1	
CBD to THC Ratio	

Not Tested	
Water Activity	

Not Tested	
Moisture	

Terpenes (GCMS-MS) Analyzed:	Ву:
	mg/mL	%
Compound		
alpha-Bisabolol	NT	NT
(-)-Borneol and (+)-Borneol	NT	NT
Camphene	NT	NT
Camphor	NT	NT
beta-Caryophyllene	NT	NT
trans-Caryophyllene	NT	NT
Caryophyllene Oxide	NT	NT
alpha-Cedrene	NT	NT
Cedrol	NT	NT
Endo-fenchyl Alcohol	NT	NT
Eucalyptol	NT	NT
Fenchone	NT	NT
Geraniol	NT	NT
Geranyl acetate	NT	NT
Guaiol	NT	NT
Hexahydrothymol	NT	NT
alpha-Humulene	NT	NT
Isoborneol	NT	NT
Isopulegol	NT	NT
Limonene	NT	NT
Linalool	NT	NT
p-Mentha-1,5-diene	NT	NT
beta-Myrcene	NT	NT
trans-Nerolidol	NT	NT
Ocimene	NT	NT
alpha-Pinene	NT	NT
beta-Pinene	NT	NT
Pulegone	NT	NT
Sabinene	NT	NT
Sabinene Hydrate	NT	NT
gamma-Terpinene	NT	NT
alpha-Terpinene	NT	NT
3-Carene	NT	NT
Terpineol	NT	NT
Terpinolene	NT	NT
Valencene	NT	NT
Nerol	NT	NT
cis-Nerolidol	NT	NT
Total Terpenes	NT	NT

Safety

Not Tested
Pesticides

Not Tested

Microbials

Not Tested
Residual Solvents

Not Tested **Metals** Not Tested pH

RL = Reporting Limit
NA = Not Applicable
NT = Not Tested
ND = Non Detected
LOQ = Limit of Quantification



Technical Laboratory Director







Full Spectrum Distillate

Matrix : Derivative



Certificate of Analysis

TESTED

N63W22595 Main St Sussex, WI, 53089, US Telephone: (262) 364-6940 Email: griff@hellobatch.com Harvest/Lot ID: 220722

Batch#:01 Sampled: 08/22/22 Ordered : 08/22/22

Sample Size Received: 15 gram

Total Batch Size : N/A

Completed: 09/19/22 Expires: 09/19/23 Sample Method : SOP Client Method

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Pesticides

A	C	C	7
Н	3	3	U.

Pesticide	LOD	Units	Action	Pass/Fail	Resu
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

Pesticide		LOD	Units	Action Level	Pass/Fail	Result	
PIPERONYL BUTOXID	E	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		10.01	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	
Analyzed by: 2803	Weight: 0.5085g	Extraction 09/13/22 18		VV	Extracted 2803	byt	

Analysis Method :50P.T.30.060, 50P.T.40.060

Analytical Batch ICN002892PE5 Instrument Used :E-SHI-125 Pesticides Running on :N/A

Dilution : 0.01 Reagent : N/A Consumables : N/A

Pipette : N/A

Pepticide analysis is performed using LCMSMS which can quantify down to below single digit ppb concentrations for regulated Pesticides. Currently we analyze for 61 Pesticides. (Methods: 50P.T.30.065 Sample Preparation for Pesticides Analysis via LCMSMS and SOP.T.40.065 Procedure for Pesticide Quantification Using LCMSMS). **Ilased on FL action limits.

Reviewed On :09/16/22 16:29:52 Batch Date :09/13/22 18:16:18

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Sue Ferguson

Signature

09/19/22



Kaycha Labs

Full Spectrum Distillate

Matrix : Derivative



Certificate of Analysis

Harvest/Lot ID: 220722

Sampled: 08/22/22 Ordered: 08/22/22

Total Batch Size : N/A

Completed: 09/19/22 Expires: 09/19/23

Sample Method: SOP Client Method

TESTED

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N63W22595 Main St

Sussex, WI, 53089, US

Telephone: (262) 364-6940

Email: griff@hellobatch.com

Residual Solvents

PASSED

Solvents	LOD	Units	Action Level	Pass/Fall	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	PAS5	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	
Analyzed by:	Weight:	Extraction date:		Extracted by		

Analysis Method: SOP.T.40.032 Analytical Batch: KN002878SOL

Instrument Used : E-SHI-106 Residual Solvents

Running on : N/A Dilution : N/A Reagent : N/A

Pipette: N/A

Reviewed On: 09/19/22 11:14:48 Batch Date : 09/09/22 10:06:59

Residual solvents analysis 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). *Based on FL action limits.

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Sue Ferguson

Lab Director

State License # n/a

Signature

09/19/22



Kaycha Labs ■※※

Full Spectrum Distillate

Matrix : Derivative



Certificate of Analysis

TESTED

N63W22595 Main St Sussex, WI, 53089, US Telephone: (262) 364-6940 Email: griff@hellobatch.com Harvest/Lot ID: 220722

Batch#:01 Sampled: 08/22/22 Ordered: 08/22/22

Reviewed On: 09/09/22 17:17:07

Batch Date: 09/07/22 10:17:35

Sample Size Received: 15 gram.

Total Batch Size : N/A

Completed: 09/19/22 Expires: 09/19/23 Sample Method: SOP Client Method

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Microbial



Mycotoxins

PASSED

Analyte		LOD Units	s Result	Pass /	Actio
SPP CONTRACT	COLI SHIGELLA		Not Present	PASS	
SALMONELLA S	SPECIFIC GENE		Not Present	PASS	
ASPERGILLUS	FLAVUS		Not Present	PASS	
ASPERGILLUS	FUMIGATUS		Not Present	PASS	
ASPERGILLUS	NIGER		Not Present	PASS	
ASPERGILLUS '	TERREUS		Not Present	PASS	
Analyzed by: 2657	Weight: 1.0021g	Extraction date: 09/08/22 14:13:	01	Extracted b 2657	y:
Analysis Method	SOP.T.40.043				

Analytical Batch: KN002867MIC Instrument Used: Micro E-HEW-069 Running on: N/A

Dilution: N/A Reagent: N/A Consumables: N/A Pipette: N/A

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 81		0.002	ppm	ND.	PASS	0.02
OCHRATOXIN A	4+	0.002	ppm	ND	PASS	0.02
TOTAL MYCOT	DXINS	0.002	ppm	ND	PASS	0.02
Analyzed by: 2803	Weight: 0.5085g	Extraction date: 09/13/22 18:44:1	8		xtracted t 803	y:

Analysis Method: SOP.T.30.060, SOP.T.40.060

Analytical Batch : KN002909MYC Instrument Used : E-SHI-125 Mycotoxins Running on : N/A

Dilution: 0.01

Reagent : N/A Consumables : N/A Pipette: N/A

Aflatoxins 81, 82, G1, G2, and Ochratoxins A testing using LC-M5. (Method: SOP.T.30.060 for Samp Preparation and SOP.T40.065 Procedure for Mycotoxins Quantification Lising LCMSMS, LOQ 5.0 ppb).



Heavy Metals

eviewed On: 09/16/22 16:46:18

Batch Date: 09/16/22 16:31:20

Reviewed On: 09/09/22 16:44:29

Batch Date : 09/07/22 14:00:07

Metal	14 1	LOD	Units	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
	44.1.1.	and the second second	77	100		400

09/09/22 14:46:47

0.2548g Analysis Method: SOP.T.40.050, SOP.T.30.052

Analytical Batch: KN002871HEA Instrument Used : Metals ICP/MS

Running on : N/A

Dilution: 50 Reagent: N/A

Pipette: N/A

Heavy Metals screening is performed using ICP-MS (Inductively Coupled Plasma – Mass Spectrometer) which can screen down to single digit ppb concentrations for regulated heavy metals using Method SOP.T.30.082 Sample Preparation for Heavy Metals Analysis via ICP-MS and SOP.T.40.082TN Heavy Metals Analysis via ICP-MS.

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Sue Ferguson

Lab Director

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



Signature

09/19/22



Kaycha Labs

Full Spectrum Distillate

Matrix : Derivative



Certificate of Analysis

BATCH

N63W22595 Main St Sussex, WI, 53089, US Telephone: (262) 364-6940 Email: griff@hellobatch.com Sample : KN20907013-00: Harvest/Lot ID: 220722

Batch#:01 Sampled:08/22/22 Ordered:08/22/22

Reviewed On: 09/08/22 14:23:25

Batch Date: 09/07/22 10:21:33

Sample Size Received: 15 gram Total Batch Size: N/A

Completed: 09/19/22 Expires: 09/19/23 Sample Method: SOP Client Method TESTED

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PASSED

 Analyte
 LOD
 Units
 Result
 P/F
 Action Level

 Filth and Foreign Material
 1
 detect/g
 ND
 PASS
 3

 Analyzed by:
 Weight:
 Extraction date:
 Extracted by:

 2657
 0.7115g
 09/08/22 14:16:35
 Extracted by:

Analysis Method: SOP.T.30.074, SOP.T.40.074 Analytical Batch: KN002868FIL

Instrument Used : E-AMS-138 Microscope Running on : N/A

Dilution : N/A Reagent : N/A Consumables : N/A

Pipette: N/A

This includes but is not limited to bair, insects, feces, packaging contaminants, and manufacturing waste and by-products. A SW-2T13 Stereo Microscope is use for inspection.

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Sue Ferguson

Lab Director

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

Signature

09/19/22





Full Spectrum Distillate

Matrix : Derivative



TESTED

Certificate of Analysis

N63W22595 Main St Sussex, WI, 53089, US Telephone: (262) 364-6940 Email: griff@hellobatch.com Harvest/Lot ID: 220722

Batch#:01 Sampled: 08/22/22 Ordered: 08/22/22

Sample Size Received: 15 gram Total Batch Size : N/A

Completed: 09/19/22 Expires: 09/19/23 Sample Method: SOP Client Method

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Environmental

PASSED

Analyzed by: N/A	77.00.00	xtraction date:	Extracte N/A	d by:
SACCHAROMYCE	S SPP.	Not Present	TESTED	
PENICILLIUM SPP.		Not Present	TESTED	
PEN & ASP SPP.		Not Present	TESTED	
MUCOR SPP.		Not Present	TESTED	
GOLOVINOMYCES 1/2		Not Present	TESTED	
FUSARIUM SOLANI		Not Present	TESTED	
FUSARIUM OXYSPORUM		Not Present	TESTED	
CLADOSPORIUM SPP.		Not Present	TESTED	
CANDIDA ALBICANS		Not Present	TESTED	
CAN. GLAB/SACH & KLUV SPP.		Not Present	TESTED	
CAN. ALB/TROP/DUB		Not Present	TESTED	
BOTRYTIS SPP.		Not Present	TESTED	
ASPERGILLUS TERREUS (ENV)		Not Present	TESTED	
ASPERGILLUS NIGER (ENV)		Not Present	TESTED	
ASPERGILLUS FUMIGATUS (ENV)		Not Present	TESTED	
ALTERNARIA SPP.		Not Present	TESTED	
TOTAL YEAST & MOLD HIGH		Not Present	TESTED	
SPP. STAPHYLOCOCCUS AUREUS (ENV)		Not Present	TESTED	
SALMONELLA ENTERICA/ENTEROBAC		ER Not Present	TESTED	
PSEUDOMONAS SPP.		Not Present	TESTED	
PSEUDOMONAS AERUGINOSA (ENV)		Not Present	TESTED	
LISTERIA SPP.		Not Present	TESTED	
ESCHERICHIA COLI/SHIGELLA SPP. (ENV			TESTED	
CAMPYLOBACTER SPP.		Not Present	TESTED	
BACILLUS GROUP 2		Not Present	TESTED	
BACILLUS GROUP 1		Not Present	TESTED	
AEROMONAS HYDROPHILIA & SALMONICIDA		Not Present	TESTED	
TOTAL ENTEROBACTERIACEAE HIGH		Not Present	TESTED	
TOTAL AEROBIC BACTERIA HIGH		Not Present	TESTED	
BILE TOLERANT GRAM NEGATIVE HIGH		Not Present	TESTED	
ASPERGILLUS FLAVUS (ENV)		Not Present	TESTED	
Analyte		Result	Pass/Fail	Action

Instrument Used : N/A

Running on: N/A

Batch Date : N/A

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Sue Ferguson

Lab Director

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

Signature

09/19/22



Organic Hemp Seed Oil

Certificate of Analysis

Material Info	Virgin Organic Cold-pressed Hempseed Oil	
Verdana Lot No.	1118091	
Best Before Date	02/2024	

Test	Analytical Result	Specification	Testing Method
Standard Plate Count (SPC)	< 100 cfu/g	< 10,000 cfu/g	3 M Petrifilm, AOAC 990.12
Total Coliform	< 10 cfu/g	< 100 cfu/g	3 M Petrifilm, AOAC 990.14
E. Coli	< 10 cfu/g (Negative)	< 10 cfu/g (Negative)	3 M Petrifilm, AOAC 990.14, MFLP 30
Yeast Mold	< 100 cfu/g < 100 cfu/g	< 1,000 cfu/g	3 M Petrifilm, AOAC 2014.05
Salmonella	Negative	Negative in 375 g	MFLP 29
Free Fatty Acid (FFA)	0.28%	≤ 2 %	AOCS Ca 5a-40
Peroxide Value (PV)	0.9 meq/Kg	≤ 4 meg/Kg	AOCS Cd 8b-90
THC	< 10 ppm*		AFVAN-SLMF-0029
Appearance	Semi-	translucent, green oil	Internal SOP

^{*}Verified to compliance with Health Canada Industrial Health Regulations

Packing & Storing:

Bulk supplies packaged in International Std Food Grade HDPE drums. Store in a cool, dry, well ventilated place protected from direct light. Expiry date shown above is for the product in unopened container.

PESTICIDES: This product does not contain residue of pesticides at levels higher than the permitted limits as stated in USP Monograph General Chapter <561> Articles of Botanical Origin.

PROP 65: To the best of our knowledge, this product does not contain any contaminants or bi-products known to the State of California to cause cancer or reproductive toxicity as listed under Proposition 65 State Drinking Water and Toxic Enforcement Act.

Expiry date is valid if the product is stored unopened in its original container between 15°C and 30°C, protected from light. If container is opened, product must be tested at least every 6 months to check fitness for use. While the above information is true to the best of knowledge of Deepthi Organics, the buyer is responsible to test and make sure the product is suitable and meets the buyer's quality requirements considering the intended use.

Deepthi Organics LLC 209 Creek Ridge Rd, Ste E, Greensboro, NC 27406 Toll Free: 800- 3373895 www.organicverdana.com