



Certificate of Analysis

Sample: KN20209005-001
Harvest/Lot ID: P-H-GTG-10210-05
Batch#: 2021-1-PWD-GTG
Seed to Sale# N/A
Batch Date: 01/21/22
Sample Size Received: 50 gram
Total Weight/Volume: N/A
Retail Product Size: 0.625 gram
Ordered: 01/21/22
sampled: 01/21/22
Completed: 02/24/22 Expires: 02/24/23
Sampling Method: SOP Client Method

PASSED

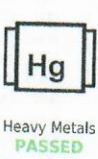
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Feb 24, 2022 | Plant Science Laboratories LLC.

649 Wyoming Ave.
Buffalo, NY, 14215, US



PRODUCT IMAGE SAFETY RESULTS



CANNABINOID RESULTS



Total THC
0.075%
Total THC/serving : 0.469 mg



Total CBD
4.739%
Total CBD/serving : 29.619 mg



Total Cannabinoids
5.026%
Total Cannabinoids/serving : 31.412 mg

	TOTAL THC	TOTAL CBD	TOTAL CBG	CBGV	CBGA	CBGA	CBG	CBD	THCV	CBM	EXO-THC	ENDO-THC	DB-THC	DB-THC	D10-THC	CBG	THCA	DB-THCA	DB-THCA	THC-D
%	0.075	4.739	0.033	0.019	ND	ND	0.033	4.739	<0.01	0.019	ND	0.075	ND	ND	ND	0.144	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	0.001	0.002	0.002	0.002

Filtration PASSED

Analyzed By	Weight	Extraction date	Extracted By
1492	0.5071g	02/18/22	1692
Analyte	LOD	Pass/Fail	Result
Filtration	0.2	Pass	ND
Analysis Method	Instrument Used	Batch Date	Reviewed On
ISO 17025:2017	D-4890-338 Microscope	02/17/22 13:13:55	02/18/22 14:04:53

Cannabinoid Profile Test

Analyzed by	Weight	Extraction date	Extracted By
113	0.2099g	02/02/22 09:02:17	113
Analysis Method	Instrument Used	Batch Date	Reviewed On
ISO 17025:2017	SPIC 0-918-001	02/02/22 09:02:17	02/02/22 13:21:42

Reagent	Dilution	Consumables ID
081321.R04	40	941.071.80251.172
020222.R03		901920
032222.R01		

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Sue Ferguson
Lab Director
State License # n/a
ISO Accreditation # 17025:2017

Sue Ferguson
Signature

02/24/22
Signed On



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

Kaycha Labs



Full Spectrum Hemp Distillate Powder with Green Tea and Guarana - 5% CBD
N/A
Matrix : Derivative

Certificate of Analysis

PASSED

Plant Science Laboratories LLC.

Sample : KN20209005-001

Harvest/Lot ID: P-H-GTG-10210-05

649 Wyoming Ave.
Buffalo, NY, 14215, US
Telephone: (716) 836-9520
Email: Paul@plantsciencelabs.com

Batch# : 2021-1-PWD-GTG

Sampled : 01/21/22

Ordered : 01/21/22

Sample Size Received : 50 gram

Total Weight/Volume : N/A

Completed : 02/24/22 Expires: 02/24/23

Sample Method : SOP Client Method

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Pesticides

PASSED

Pesticides	LOD	Units	Action Level	Pass/Fail	Result	Pesticides	LOD	Units	Action Level	Pass/Fail	Result
ABAMECTIN B1A	0.01	ppm	0.3	PASS	ND	PIPERONYL BUTOXIDE	0.01	ppm	3	PASS	ND
ACEPHATE	0.01	ppm	3	PASS	ND	PRALLETHRIN	0.01	ppm	0.4	PASS	<0.05
ACEQUINOCYL	0.01	ppm	2	PASS	0.25	PROPICONAZOLE	0.01	ppm	1	PASS	ND
ACETAMIPRID	0.01	ppm	3	PASS	0.16	PROPOXUR	0.01	ppm	0.1	PASS	ND
ALDICARB	0.01	ppm	0.1	PASS	ND	PYRETHRINS	0.01	ppm	1	PASS	ND
AZOXYSTROBIN	0.01	ppm	3	PASS	ND	PYRIDABEN	0.01	ppm	3	PASS	ND
BIFENAZATE	0.01	ppm	3	PASS	ND	SPINETORAM	0.01	ppm	3	PASS	ND
BIFENTHRIN	0.01	ppm	0.5	PASS	0.169	SPIROMESIFEN	0.01	ppm	3	PASS	ND
BOSCALID	0.01	ppm	3	PASS	ND	SPIROTETRAMAT	0.01	ppm	3	PASS	ND
CARBARYL	0.01	ppm	0.5	PASS	ND	SPIROXAMINE	0.01	ppm	0.1	PASS	ND
CARBOFURAN	0.01	ppm	0.1	PASS	ND	TEBUCONAZOLE	0.01	ppm	1	PASS	ND
CHLORANTRANILIPROLE	0.01	ppm	3	PASS	ND	THIACLOPRID	0.01	ppm	0.1	PASS	ND
CHLORMEQUAT CHLORIDE	0.01	ppm	3	PASS	ND	THIAMETHOXAM	0.01	ppm	1	PASS	ND
CHLORPYRIFOS	0.01	ppm	0.1	PASS	ND	TOTAL SPINOSAD	0.01	ppm	3	PASS	ND
CLOFENTEZINE	0.01	ppm	0.5	PASS	ND	TRIFLOXYSTROBIN	0.01	ppm	3	PASS	ND
COUMAPHOS	0.01	ppm	0.1	PASS	ND						
CYPERMETHRIN	0.01	ppm	1	PASS	ND						
DAMINOZIDE	0.01	ppm	0.1	PASS	<0.05						
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	0.233						
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						



Pesticides

PASSED

Analyzed by	Weight	Extraction date	Extracted By
1	0.5073g	02/22/22 10:02:18	143
Analysis Method - SOP.T.30.060, SOP.T.40.060,		Reviewed On -	
Analytical Batch - KN001994PES		02/18/22 14:34:53	
Instrument Used : E-SH-125 Pesticides		Batch Date : 02/22/22 09:00:47	
Running On : 02/22/22 10:39:04			
Reagent	Dilution	Consumables ID	
020322.R13	10	210419634	
011822.R09		947.271	
021722.R02			
021722.R01			
020922.R08			
110521.03			

Pesticide analysis is performed using LC-MS/MS which can quantify down to below single digit ppm concentrations for regulated pesticides. Currently we analyze for 61 Pesticides. (Methoxy, SOP.T.30.065 Sample Preparation for Pesticides Analysis via LCMS/MS and SOP.T.40.065 Procedure for Pesticide Quantification Using LCMS/MS). *Based on FL action limits.*

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Sue Ferguson
Lab Director

State License # n/a
ISO Accreditation # 17025.2017

Sue Ferguson
Signature

02/24/22

Signed On



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

Kaycha Labs

Full Spectrum Hemp Distillate Powder with Green Tea and Guarana - 5% CBD
N/A

Matrix : Derivative



Certificate of Analysis

PASSED

Plant Science Laboratories LLC.

649 Wyoming Ave.
Buffalo, NY, 14215, US
Telephone: (716) 836-9520
Email: Paul@plantsciencelabs.com

Sample : KN20209005-001
Harvest/Lot ID: P-H-GTG-10210-05

Batch# : 2021-1-PWD-GTG
Sampled : 01/21/22
Ordered : 01/21/22

Sample Size Received : 50 gram
Total Weight/Volume : N/A
Completed : 02/24/22 Expires: 02/24/23
Sample Method : SOP Chem Method

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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	44,676
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	>4,5
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: 1 Weight: 0.02628g Extraction date: 02/23/22 03:02:43 Extracted By: 138

Analysis Method -SOP.T.40.032

Analytical Batch -KN001999SOL

Instrument Used : E-SHI-106 Residual Solvents

Running On : 02/23/22 16:34:14

Batch Date : 02/23/22 10:13:15

Reviewed On - 02/24/22 15:51:48

Reagent	Dilution	Consumables ID
	1	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.

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Sue Ferguson

Lab Director

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

Signature

02/24/22

Signed On



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

Kaycha Labs



Full Spectrum Hemp Distillate Powder with Green Tea and Guarana - 5% CBD
N/A
Matrix : Derivative

Certificate of Analysis

PASSED

Plant Science Laboratories LLC.

649 Wyoming Ave.
Buffalo, NY, 14215, US
Telephone: (716) 836-9520
Email: Paul@plantsciencelabs.com

Sample : KN20209005-001
Harvest/Lot ID: P-H-GTG-10210-05

Batch# : 2021-1-PWD-GTG
Sampled : 01/21/22
Ordered : 01/21/22
Sample Size Received : 50 gram
Total Weight/Volume : N/A
Completed : 02/24/22 Expires: 02/24/23
Sample Method : SOP Client Method

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Microbials				Mycotoxins					
Analyte	LOD	Result	Pass / Fail	Analyte	LOD	Units	Result	Pass / Fail	Action Level
ESCHERICHIA COLI SHIGELLA SPP		not present in 1 gram.	PASS	AFLATOXIN G2	0.002	ppm	ND	PASS	0.02
SALMONELLA SPECIFIC GENE		not present in 1 gram.	PASS	AFLATOXIN G1	0.002	ppm	ND	PASS	0.02
ASPERGILLUS FLAVUS		not present in 1 gram.	PASS	AFLATOXIN B2	0.002	ppm	ND	PASS	0.02
ASPERGILLUS FUMIGATUS		not present in 1 gram.	PASS	AFLATOXIN B1	0.002	ppm	ND	PASS	0.02
ASPERGILLUS NIGER		not present in 1 gram.	PASS	OCHRATOXIN A+	0.002	ppm	ND	PASS	0.02
ASPERGILLUS TERREUS		not present in 1 gram.	PASS	TOTAL MYCOTOXINS	0.002	ppm	ND	PASS	

Analysis Method -SOP.T.40.043

Analytical Batch -KN001986MIC Batch Date : 02/18/22 09:52:59

Instrument Used : Micro E-HEW-069

Running On :

Analyzed by	Weight	Extraction date	Extracted By
1692	1.0171g	02/18/22 02:02:58	1692

Reagent	Dilution
030121.01	1
122921.02	
121521.06	
030421.10	

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.

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

Analytical Batch -KN001995MYC | Reviewed On - 02/23/22 09:21:42

Instrument Used : E-SHI-125 Mycotoxins

Running On : 02/22/22 10:38:54 | Batch Date : 02/22/22 09:02:10

Analyzed by	Weight	Extraction date	Extracted By
143	0.5073g	02/22/22 10:02:01	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 (Aflatoxin B1, B2, G1, G2) must be <20µg/Kg. Ochratoxins must be <20µg/Kg. Analytes ISO pending. *Based on FL action limits.

Hg Heavy Metals PASSED

Metal	LOD	Unit	Result	Pass / Fail	Action Level
ARSENIC-AS	0.02	ppm	<LOQ	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
1	45g	NA	NA

Analysis Method -SOP.T.40.050, SOP.T.30.052

Analytical Batch -KN001992HEA | Reviewed On - 02/22/22 18:06:24

Instrument Used : Metals ICP/MS

Running On : | Batch Date : 02/21/22 16:15:23

Reagent	Dilution	Consums. ID
121421.03	1	107702-05-081520
011022.R08		12235-110CD-110C
020422.R07		
011022.R07		

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.

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Sue Ferguson

Lab Director

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

Signature

02/24/22

Signed On

Nutrition Analysis Center

2200 Rittenhouse Street Suite 150
Des Moines, IA 50321
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Plant Science Labs

Paul Panzarella
649 Wyoming Ave
Buffalo, NY 14215

ANALYTICAL REPORT

AR-22-QD-029705-01

Client Code: QD0009637
PO#: January 21rd, 2022


Received On: 08Feb2022
Reported On: 14Feb2022

Eurofins Sample Code: 464-2022-02080336	Sample Registration Date: 08Feb2022
Client Sample Code: Lot#P-H-GTG-10210-05 USID#: 2021-1-PWD-GTG	Condition Upon Receipt: acceptable, non-perishable
Sample Description: Full Spectrum Hemp Distillate Powder with Green Tea and Guarana - 5% CBD SS=50g	
Sample Reference:	

QD275 - Serving Size (Customer Supplied)	Reference No Reference	Completed 08Feb2022
Parameter	Result	Per Serving
Unit weight	50.0000 g	50.0000 g
Units per serving	1	1
Serving Size	50.00 g	50.00 g
		50 g/Serving

QS07A - Caffeine (AOAC, Beverages/Foods)	Reference AOAC 979.08 mod.	Accreditation ISO/IEC 17025:2017 A2LA 2927.01	Completed 14Feb2022
Parameter	Result	Per Serving	Theoretical
Caffeine	91,982 ppm	4,599 mg/Serving	

Respectfully Submitted,



Meghan Farrell
Laboratory Supervisor

