kaycha LABS
4131 SW 47th AVENUE SUITE 1408

Kaycha Labs
3000mg Broad Spectrum Freeze Roll-On
N/A
Matrix: Derivative

Certificate of Analysis

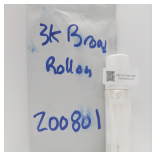
Sample:DA00520005-007
Harvest/Lot ID: 012
Seed to Sale #N/A
Batch Date :N/A
Batch#: 200801
Sample Size Received: 90 gram
Retail Product Size: 90 gram
Ordered : 05/15/20
Sampled : 05/15/20
Completed: 05/27/20 Expires: 05/27/21
Sampling Method: SOP Client Method

May 27, 2020 | Nunn Better Health and Wellness

180 E Interlake,,Lake Placid,33852,FL

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 RESULTS

Total THC
0.000%
THC/Container :0.000 mg

Total CBD
4.783%
CBD/Container :4132.512 mg

Total Cannabinoids
5.259%
Total Cannabinoids/Container :4543.776 mg

	CBC	CBGA	CBG	THCV	D8-THC	CBDV	CBN	CBDA	CBD	D9-THC	THCA
	ND	ND	0.476%	ND	ND	ND	ND	ND	4.783%	ND	ND
	ND	ND	4.760 mg/g	ND	ND	ND	ND	ND	47.830 mg/g	ND	ND
LOD	0.001 %	0.001 %	0.001 %	0.001 %	0.001 %	0.001 %	0.001 %	0.001 %	0.0001 %	0.0001 %	0.001 %

Filth PASSED

Analyzed By	Weight	Extraction date	LOD(ppm)	Extracted By
457	1g	NA		NA

Analysis Method -SOP.T.40.013 **Batch Date :** 05/20/20 09:19:51
Analytical Batch -DA012550FIL **Reviewed On -** 05/20/20 11:07:07
Instrument Used : Filth/Foreign Material Microscope

This includes but is not limited to hair, insects, feces, packaging contaminants, and manufacturing waste and by-products. An SH-2B/T Stereo Microscope is use for inspection.

Cannabinoid Profile Test

Analyzed by	Weight	Extraction date :	Extracted By :
450	0.1024g	05/21/20 11:05:20	574

Analysis Method -SOP.T.40.020, SOP.T.30.050 **Reviewed On -** 05/22/20 10:52:30
Analytical Batch -DA012585POT **Instrument Used :** DA-LC-003 **Batch Date :** 05/21/20 08:50:53

Reagent	Dilution	Consums. ID
032320.27	400	280678841
051820.R26		914C4-914AK
051820.R25		929C6-929H

Full spectrum cannabinoid analysis utilizing High Performance Liquid Chromatography with UV detection (HPLC-UV). (Method: SOP.T.30.050 for sample prep and Shimadzu High Sensitivity Method SOP.T.40.020 for analysis. LOQ for all cannabinoids is 1 mg/L).

Jorge Segredo
Lab Director
State License # n/a
ISO Accreditation # 97164

Signature

05/27/2020
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N/A
Matrix : Derivative

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PASSED

Nunn Better Health and Wellness

180 E Interlake,
Lake Placid,33852,FL
Telephone: 863-633-0370
Email: NUNNBETTERHEALTH@GMAIL.COM

Sample : DA00520005-007
Harvest/LOT ID: 012
Batch# : 200801
Sampled : 05/15/20
Ordered : 05/15/20

Sample Size Received : 90 gram
Completed : 05/27/20 **Expires:** 05/27/21
Sample Method : SOP Client Method

Pesticides

PASSED

Pesticides	LOD	Units	Action Level	Result
ABAMECTIN B1A	0.01	ppm	0.3	ND
ACEPHATE	0.01	ppm	3	ND
ACEQUINOCYL	0.01	ppm	2	ND
ACETAMIPRID	0.01	ppm	3	ND
ALDICARB	0.01	ppm	0.1	ND
AZOXYSTROBIN	0.01	ppm	3	ND
BIFENAZATE	0.01	ppm	3	ND
BIFENTHRIN	0.01	ppm	0.5	ND
BOSCALID	0.01	PPM	3	ND
CARBARYL	0.05	ppm	0.5	ND
CARBOFURAN	0.01	ppm	0.1	ND
CHLORANTRANILIPROLE	0.1	ppm	3	ND
CHLORMEQUAT CHLORIDE	0.05	ppm	3	ND
CHLORPYRIFOS	0.01	ppm	0.1	ND
CLOFENTEZINE	0.02	ppm	0.5	ND
COUMAPHOS	0.01	ppm	0.1	ND
DAMINOZIDE	0.01	ppm	0.1	ND
DIAZANON	0.01	ppm	0.2	ND
DICHLORVOS	0.01	ppm	0.1	ND
DIMETHOATE	0.01	ppm	0.1	ND
DIMETHOMORPH	0.02	ppm	3	ND
ETHOPROPHOS	0.01	ppm	0.1	ND
ETOFENPROX	0.01	ppm	0.1	ND
ETOXAZOLE	0.01	ppm	1.5	ND
FENHEXAMID	0.01	ppm	3	ND
FENOXYCARB	0.01	ppm	0.1	ND
FENPYROXIMATE	0.01	ppm	2	ND
FIPRONIL	0.01	ppm	0.1	ND
FLONICAMID	0.01	ppm	2	ND
FLUDIOXONIL	0.01	ppm	3	ND
HEXYTHIAZOX	0.01	ppm	2	ND
IMAZALIL	0.01	ppm	0.1	ND
IMIDACLOPRID	0.04	ppm	3	ND
KRESOXIM-METHYL	0.01	ppm	1	ND
MALATHION	0.02	ppm	2	ND
METALAXYL	0.01	ppm	3	ND
METHIOCARB	0.01	ppm	0.1	ND
METHOMYL	0.01	ppm	0.1	ND
METHYL PARATHION	0.005	ppm	0.1	ND
MEVINPHOS	0.01	ppm	0.1	ND
MYCLOBUTANIL	0.01	ppm	3	ND

Pesticides	LOD	Units	Action Level	Result
NALED	0.025	ppm	0.5	ND
OXAMYL	0.05	ppm	0.5	ND
PACLOBUTRAZOL	0.01	ppm	0.1	ND
PHOSMET	0.01	ppm	0.2	ND
PIPERONYL BUTOXIDE	0.1	ppm	3	ND
PRALLETHRIN	0.01	ppm	0.4	ND
PROPICONAZOLE	0.01	ppm	1	ND
PROPOXUR	0.01	ppm	0.1	ND
PYRETHRINS	0.05	ppm	1	ND
PYRIDABEN	0.02	ppm	3	ND
SPINETORAM	0.02	PPM	3	ND
SPIROMESIFEN	0.01	ppm	3	ND
SPIROTETRAMAT	0.01	ppm	3	ND
SPIROXAMINE	0.01	ppm	0.1	ND
TEBUCONAZOLE	0.01	ppm	1	ND
THIACLOPRID	0.01	ppm	0.1	ND
THIAMETHOXAM	0.05	ppm	1	ND
TOTAL CONTAMINANT LOAD (PESTICIDES)	0	PPM	20	ND
TOTAL PERMETHRIN	0.01	ppm	1	ND
TOTAL SPINOSAD	0.01	ppm	3	ND
TRIFLOXYSTROBIN	0.01	ppm	3	ND

Pesticides — PASSED

Analyzed by	Weight	Extraction date	Extracted By
585	1.0412g	05/20/20 10:05:04	585

Analysis Method - SOP.T.30.065, SOP.T.40.065 , SOP.T.30.065, SOP.T40.070
Analytical Batch - DA012558PES
Reviewed On- 05/20/20 11:07:07
Instrument Used : DA-LCMS-001_DER (PES)
Batch Date : 05/20/20 10:36:26

Reagent	Dilution	Consums. ID
050820.02 051920.R14 051920.R15 051820.R23 041720.03	10	280678841 76262-590

Pesticide screen is performed using LC-MS which can screen down to below single digit ppb concentrations for regulated Pesticides. Currently we analyze for 67 Pesticides. (Method: SOP.T.30.060 Sample Preparation for Pesticides Analysis via LCMSMS and SOP.T40.065 Procedure for Pesticide Quantification Using LCMS). * Volatile Pesticide screening is performed using GC-MS which can screen down to below single digit ppb concentrations for regulated Pesticides. Analytes marked with an asterisk were tested using GC-MS.

Jorge Segredo
Lab Director
State License # n/a
ISO Accreditation # 97164

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N/A
Matrix : Derivative

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Lake Placid,33852,FL
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Email: NUNNBETTERHEALTH@GMAIL.COM

Sample : DA00520005-007
Harvest/LOT ID: 012
Batch# : 200801
Sampled : 05/15/20
Ordered : 05/15/20

Sample Size Received : 90 gram
Completed : 05/27/20 **Expires:** 05/27/21
Sample Method : SOP Client Method

Residual Solvents — PASSED

Solvent	LOD	Units	Action Level (PPM)	Pass/Fail	Result
1,1-DICHLOROETHENE	0.8	ppm	8	PASS	ND
1,2-DICHLOROETHANE	0.2	ppm	2	PASS	ND
2-PROPANOL	50	ppm	500	PASS	ND
ACETONE	75	ppm	750	PASS	ND
ACETONITRILE	6	ppm	60	PASS	ND
BENZENE	0.1	ppm	1	PASS	ND
BUTANES (N-BUTANE)	500	ppm	5000	PASS	ND
CHLOROFORM	0.2	ppm	2	PASS	ND
DICHLOROMETHANE	12.5	ppm	125	PASS	ND
ETHANOL	500	ppm		PASS	ND
ETHYL ACETATE	40	ppm	400	PASS	ND
ETHYL ETHER	50	ppm	500	PASS	ND
ETHYLENE OXIDE	0.5	ppm	5	PASS	ND
HEPTANE	500	ppm	5000	PASS	ND
METHANOL	25	ppm	250	PASS	ND
N-HEXANE	25	ppm	250	PASS	ND
PENTANES (N-PENTANE)	75	ppm	750	PASS	ND
PROPANE	500	ppm	5000	PASS	ND
TOLUENE	15	ppm	150	PASS	ND
TOTAL XYLENES	15	ppm	150	PASS	ND
TRICHLOROETHYLENE	2.5	ppm	25	PASS	ND

Residual Solvents — PASSED

Analyzed by	Weight	Extraction date	Extracted By
850	0.0243g	05/20/20 04:05:32	850

Analysis Method -SOP.T.40.032
Analytical Batch -DA012571SOL **Reviewed On - 05/21/20 14:58:28**
Instrument Used : DA-GCMS-002
Batch Date : 05/20/20 14:41:58

Reagent	Dilution	Consums. ID
	1	00279984 161291-1 24154107

Residual solvents screening is performed using GC-MS which can detect below single digit ppm concentrations. Currently we analyze for 21 Residual solvents.(Method: SOP.T.30.032 Residual Solvents Analysis via GC-MS).

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N/A
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Sample : DA00520005-007
Harvest/LOT ID: 012
Batch# : 200801
Sampled : 05/15/20
Ordered : 05/15/20

Sample Size Received : 90 gram
Completed : 05/27/20 **Expires:** 05/27/21
Sample Method : SOP Client Method

Mycotoxins — PASSED

Analyte	LOD	Units	Result	Action Level (PPM)
AFLATOXIN G2	0.002	ppm	ND	0.02
AFLATOXIN G1	0.002	ppm	ND	0.02
AFLATOXIN B2	0.002	ppm	ND	0.02
AFLATOXIN B1	0.002	ppm	ND	0.02
OCHRATOXIN A+	0.002	ppm	ND	0.02

Analysis Method -SOP.T.30.065, SOP.T.40.065
Analytical Batch -DA012560MYC | **Reviewed On -** 05/27/20 12:38:18
Instrument Used : DA-LCMS-001_DER (MYC)
Batch Date : 05/20/20 10:38:04

Analyzed by	Weight	Extraction date	Extracted By
585	1g	05/20/20 03:05:51	585

Aflatoxins B1, B2, G1, G2, and Ochratoxins A testing using LC-MS. (Method: SOP.T.30.065 for Sample Preparation and SOP.T40.065 Procedure for Mycotoxins Quantification Using LCMS. LOQ 1.0 ppb). Aflatoxin B1, B2, G1, and G2 must individually be <20ug/Kg. Ochratoxins must be <20µg/Kg.

Reagent	Consums. ID
032720.212	918C4-918J
032720.13	914C4-914AK
032720.93	929C6-929H
032720.68	50AX26219
032720.151	19323
032720.109	23819111
032720.67	104867-12
032720.44	190611634
042920.79	
042920.220	
032720.168	
032720.179	
022120.188	
022120.55	

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.

Microbials — PASSED

Analyte	Result
ASPERGILLUS_FLAVUS	not present in 1 gram.
ASPERGILLUS_FUMIGATUS	not present in 1 gram.
ASPERGILLUS_NIGER	not present in 1 gram.
ASPERGILLUS_TERREUS	not present in 1 gram.
ESCHERICHIA_COLI_SHIGELLA_SPP	not present in 1 gram.
SALMONELLA_SPECIFIC_GENE	not present in 1 gram.

Analysis Method -SOP.T.40.043 / SOP.T.40.045
Analytical Batch -DA012545MIC | **Reviewed On -** 05/22/20 19:31:12
Instrument Used : PathogenDX PCR_Array Scanner DA-111,PathogenDX PCR_DA-171
Batch Date : 05/20/20 08:52:52

Analyzed by	Weight	Extraction date	Extracted By
513	1.0317g	05/20/20 09:05:45	1082

Reagent	Dilution	Consums. ID
022520.08		181019-274
101519.12		SG298A

Heavy Metals — PASSED

Reagent	Reagent	Dilution	Consums. ID
051820.R24	051820.R07	100	89401-566
051920.R02	051820.R05		
030920.01	051820.R06		
051820.R02	051920.R17		
051820.R03			
050520.R05			

Metal	LOD	Unit	Result	Action Level (PPM)
ARSENIC	0.02	PPM	ND	1.5
CADMIUM	0.02	PPM	ND	0.5
LEAD	0.05	PPM	ND	
MERCURY	0.02	PPM	ND	3

Analyzed by	Weight	Extraction date	Extracted By
457	0.2649g	05/20/20 11:05:09	1022

Analysis Method -SOP.T.40.050, SOP.T.30.052
Analytical Batch -DA012544HEA | **Reviewed On -** 05/21/20 13:32:37
Instrument Used : DA-ICPMS-002
Batch Date : 05/20/20 08:48:06

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.

Jorge Segredo
Lab Director
State License # n/a
ISO Accreditation # 97164

Signature

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