



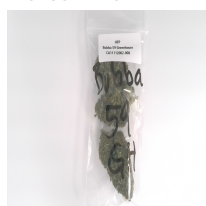
Certificate of Analysis

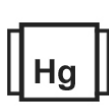
Nov 22, 2021 | HFP

100 Bayview Circle
Newport Beach, CA, 92660, US

Sample:CA1112002-008
Harvest/Lot ID: 29
Batch#: 1015B59GH
Seed to Sale# N/A
Batch Date: 10/15/21
Sample Size Received: 12 gram
Total Weight/Volume: N/A
Retail Product Size: 1 gram
Ordered : 11/12/21
sampled : 11/12/21
Completed: 11/22/21 Expires: 11/22/21
Sampling Method: SOP Client Method
TESTED

Page 1 of 4

PRODUCT IMAGE

SAFETY RESULTS

Pesticides
PASS

Heavy Metals
PASS

Microbials
PASS

Mycotoxins
PASS

Residuals Solvents
NOT TESTED

Filtration
PASS

Water Activity
PASS

Moisture
TESTED

Terpenes
TESTED

MISC.
CANNABINOID RESULTS

Total THC
1.022%

Total CBD
18.662%

Total Cannabinoids
22.971%
Filtration **PASS**

Analyzed By 1048 **Weight** NA **Extraction date** NA **Extracted By** NA

Analyte Insect fragments, hairs & mammalian excreta **LOD** 0.1 **Result** 0

Analysis Method -SOP.T.40.013 **Batch Date :** 11/17/21 11:39:24

Analytical Batch -NA **Reviewed On** - 11/17/21 11:39:24

Instrument Used :

Running On :

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 used for inspection.

Water Activity **PASS**

Analyte WATER ACTIVITY **Analyzed by** 1048 **Weight** 0.520g **Ext. date** NA **LOD** 0.001 Aw **A.L** 0.65Aw **Result** 0.531aW

Analysis Method -Water activity: Expanded measurement of uncertainty: 0.016. Expanded measurements of uncertainties are statistically derived from QC data at 95% confidence level (k=1.96) for a normal distribution.

Analytical Batch -CA001125WAT **Batch Date :** 11/15/21 10:33:59

Instrument Used : Rotronic Water Meter HygroPalm23-AW (MO-WA-01) **Reviewed On** - 11/17/21 11:44:13

Moisture **TESTED**

Analyte MOISTURE CONTENT **Analyzed by** 1048 **Weight** 0.536g **Ext. date** 11/15/21 **LOD** 1 % **A.L** 0.65Aw **Result** 9.51%

Analysis Method -SOP.T.40.011 **Batch Date :** 11/15/21 10:33:07

Analytical Batch -CA001124MOI **Reviewed On** - 11/16/21 09:26:06

Instrument Used : Shimadzu UniBloc Moisture Content Analyzer (MO-MA-01)

Cannabinoid Profile Test

Analyzed by 1068	Weight 0.506g	Extraction date : NA	Extracted By : NA
Analysis Method -SOP.T.40.020, SOP.T.30.050	Reviewed On - 11/17/21 09:11:27	Batch Date : 11/16/21 11:31:47	
Analytical Batch -CA001127POT	Instrument Used : HPLC-3Dplus(MO-HPLC-01)	Running On :	
Reagent	Dilution	Consums. ID	
081021.02	400	PS-7510-1	
060121.23		VAV-09-1020	
111221.R01		ALK-09-1412	
111621.R01		20050390	
111121.R03		842751369	
		K471831	
		L327011	
		F2300-20	

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 0.5 mg/L). The results of total THC, total CBD and total Cannabinoids in plant sample are reported on a dry weight basis. Expanded measurements of uncertainties are statistically derived from QC data at 95% confidence level (k=1.96) for a normal distribution. This sample contains significant unquantified, unreported, non-target THC isomers, analogs, derivatives (possibly including, but not limited to exo-THC, delta-9(11)-THC, delta-10-THC, THC-esters, and others) that are beyond the scope of this assay & may be indicative of chemical synthesis

This report shall not be reproduced, unless in its entirety, without written approval from Kaycha Labs. This report is an Kaycha Labs certification. The results relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. Void after 1 year from test end date. Cannabinoid content of batch material may vary depending on sampling error. IC=In-control QC parameter, NC=Non-controlled QC parameter, ND=Not Detected, NA=Not Analyzed, ppm=Parts Per Million, ppb=Parts Per Billion. Limit of Detection (LoD) and Limit Of Quantitation (LoQ) are terms used to describe the smallest concentration that can be reliably measured by an analytical procedure. RPD=Reproducibility of two measurements. Action Levels are State determined thresholds variable based on uncertainty of measurement (UM) for the analyte. The UM error is available from the lab upon request. The "Decision Rule" for the pass/fail does not include the UM. The limits are based on F.S. Rule 64-4.310.

Haifei Yin
Lab Director

State License # NA
ISO Accreditation #
L18-47-1

Signature

11/22/21

Signed On



Certificate of Analysis

TESTED
HFP

 100 Bayview Circle
 Newport Beach, CA, 92660, US
Telephone: 9497020532
Email: jenna@hempflowerprime.com

Sample : CA11112002-008
Harvest/LOT ID: 29
Batch# : 1015B59GH
Sampled : 11/12/21
Ordered : 11/12/21
Sample Size Received : 12 gram
Total Weight/Volume : N/A
Completed : 11/22/21 Expires: 11/22/22
Sample Method : SOP Client Method

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Terpenes

TESTED

Terpenes	LOD(%)	mg/g	%	Result (%)	Terpenes	LOD(%)	mg/g	%	Result (%)
ALPHA-PINENE	0.0625	ND	ND		 Terpenes TESTED				
ALPHA-TERPINENE	0.0625	ND	ND						
ALPHA-BISABOLOL	0.0625	ND	ND						
BETA-CARYOPHYLLENE	0.0625	1.98	0.198						
BETA-MYRCENE	0.0624	ND	ND						
BETA-PINENE	0.0625	ND	ND			Analyzed by	Weight	Extraction date	Extracted By
CAMPHENE	0.0625	ND	ND			1695	0.506g	NA	NA
(-)-CARYOPHYLLENE OXIDE	0.0625	ND	ND			Analysis Method -SOP.T.40.091			
CIS-NEROLIDOL	0.05375	ND	ND			Analytical Batch -CA001131TER			
D-LIMONENE	0.0625	ND	ND			Instrument Used : GC-2030 FID(MO-GCFID-01)			
DELTA-3-CARENE	0.0625	ND	ND		Reviewed On - 11/18/21 12:41:25				
EUCALYPTOL	0.0625	ND	ND		Running On :				
GAMMA TERPINENE	0.0625	ND	ND		Batch Date : 11/17/21 12:58:22				
GERANIOL	0.0625	ND	ND		Reagent	Dilution	Consumers. ID		
GUAIOL	0.0625	ND	ND		060121.22	1	9299.077		
HUMULENE	0.0625	ND	ND		041320.10		ALK-09-1412		
ISOPULEGOL	0.0625	ND	ND		041320.07		1904903		
LINALOOL	0.0625	ND	ND		021621.01		80081-188		
OCIMENE ISOMER 1	0.0375	ND	ND				10854-122		
P-CYMENTHENE	0.0625	ND	ND				960520083		
OCIMENE ISOMER 2	0.0875	ND	ND				QU24030		
TERPINOLENE	0.0625	ND	ND				0484501		
TRANS-NEROLIDOL	0.07125	ND	ND				1904903		
							REST-21764		
							33011020200006		
					Terpene: Terpenoid profile screening is performed using GC-FID which can screen 21 terpenes using Method SOP.T.40.091. Expanded measurements of uncertainties are statistically derived from QC data at 95% confidence level (k=1.96) for a normal distribution.				
Total	1980.353 (ppm)	0.198 (%)							



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Harvest/LOT ID: 29
Batch# : 1015B59GH
Sampled : 11/12/21
Ordered : 11/12/21
Sample Size Received : 12 gram
Total Weight/Volume : N/A
Completed : 11/22/21 Expires: 11/22/22
Sample Method : SOP Client Method

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Pesticides

PASS

Pesticides	LOD	Units	Action Level	Result	Pesticides	LOD	Units	Action Level	Result
DAMINOZIDE	0.04	ug/g	0.01	ND	HEXYTHIAZOX	0.01	ug/g	0.1	ND
ACEPHATE	0.01	ug/g	0.1	ND	ETOXAZOLE	0.01	ug/g	0.1	ND
OXAMYL	0.01	ug/g	0.5	ND	SPIROMESIFEN	0.01	ug/g	0.1	ND
THIAMETHOXAM	0.01	ug/g	5	ND	CYFLUTHRIN	0.08	ug/g	2	ND
METHOMYL	0.01	ug/g	1	ND	CYPERMETHRIN	0.02	ug/g	1	ND
IMIDACLOPRID	0.01	ug/g	5	ND	FENPYROXIMATE	0.01	ug/g	0.1	ND
ACETAMIPRID	0.01	ug/g	0.1	ND	PYRIDABEN	0.01	ug/g	0.1	ND
MEVINPHOS	0.02	ug/g	0.02	ND	ABAMECTIN B1A	0.007	ug/g	0.1	ND
DIMETHOATE	0.01	ug/g	0.01	ND	ETOFENPROX	0.01	ug/g	0.01	ND
THIACLOPRID	0.01	ug/g	0.01	ND	BIFENTHRIN	0.01	ug/g	3	ND
IMAZALIL	0.01	ug/g	0.01	ND	ACEQUINOCYL	0.01	ug/g	0.1	ND
ALDICARB	0.01	ug/g	0.01	ND	SPINOSADS	0.002	ug/g	0.1	ND
PROPOXUR	0.01	ug/g	0.01	ND	SPINETORAM	0.01	ug/g	0.1	ND
DICHLORVOS	0.01	ug/g	0.01	ND	PERMETHRINS	0.001	ug/g	0.5	ND
CARBOFURAN	0.01	ug/g	0.01	ND	PYRETHRINS	0.001	ug/g	0.5	ND
CARBARYL	0.01	ug/g	0.5	ND	PCNB *	0.01873	ug/g	0.1	ND
NALED	0.04	ug/g	0.1	ND	PARATHION-METHYL *	0.01356	ug/g	0.019	ND
CHLORANTRANILIPROLE	0.01	ug/g	10	ND	CAPTAN *	0.03668	ug/g	0.7	ND
METALAXYL	0.01	ug/g	2	ND	CHLORDANE *	0.02115	ug/g	0.024	ND
PHOSMET	0.01	ug/g	0.1	ND	CHLORFENAPYR *	0.01981	ug/g	0.019	ND
AZOXYSTROBIN	0.01	ug/g	0.1	ND					
FLUDIOXONIL	0.02	ug/g	0.1	ND					
SPIROXAMINE	0.01	ug/g	0.01	ND					
BOSCALID	0.01	ug/g	0.1	ND					
METHIOCARB	0.01	ug/g	0.01	ND					
PACLOBUTRAZOL	0.01	ug/g	0.01	ND					
MALATHION	0.01	ug/g	0.5	ND					
DIMETHOMORPH	0.01	ug/g	2	ND					
MYCLOBUTANIL	0.01	ug/g	0.1	ND					
BIFENAZATE	0.01	ug/g	0.1	ND					
FLONICAMID	0.02	ug/g	0.1	ND					
FENHEXAMID	0.02	ug/g	0.1	ND					
SPIROTETRAMAT	0.01	ug/g	0.1	ND					
FIPRONIL	0.01	ug/g	0.01	ND					
ETHOPROPHOS	0.01	ug/g	0.01	ND					
FENOXYCARB	0.01	ug/g	0.01	ND					
KRESOXIM-METHYL	0.01	ug/g	0.1	ND					
TEBUCONAZOLE	0.01	ug/g	0.1	ND					
COUMAPHOS	0.01	ug/g	0.01	ND					
DIAZINON	0.01	ug/g	0.1	ND					
PROPICONAZOLE	0.01	ug/g	0.1	ND					
CLOFENTZINE	0.01	ug/g	0.1	ND					
TRIFLOXYSTROBIN	0.01	ug/g	0.1	ND					
PRALLETHRIN	0.01	ug/g	0.1	ND					
PIPERONYL BUTOXIDE	0.01	ug/g	3	ND					
CHLORPYRIFOS	0.01	ug/g	0.01	ND					



Pesticides

PASS
Analyzed by
 1051, 1051

Weight
 0.501g

Extraction date
 NA

Extracted By
 NA

Analysis Method - SOP.T.30.060, SOP.T.40.060, Pesticide screen is performed using GC-MS which can screen down to below single digit ppb concentrations for regulated Pesticides. Currently we analyze for 5 Volatile Pesticides. (Method: SOP.T.30.060 Sample Preparation for Pesticides Analysis and SOP.T.40.070 Procedure for Pesticide Quantification Using GCMS).

Analytical Batch - CA001129PES, CA001134VOL

Reviewed On- 11/17/21

11:39:24

Instrument Used : LCMS-8060 (PES) (MO-LCMS-01), GCMS-TQ8050_DER(MO-GCMSTQ-01)

Running On :

Batch Date : 11/17/21 10:14:53

Reagent	Dilution	Consums. ID
111720.04	10	PS-7510-1
092321.R01		VAV-09-1020
101321.R07		66022-060
062921.01		ALK-09-1412
091721.R02		80081-188
101321.R01		19210465
092321.R01		L398261
		L422921
		L371381
		CA00922001-001
		470228-424
		298076054
		286064127
		76124-646

Expanded measurements of uncertainties are statistically derived from QC data at 95% confidence level (k=1.96) for a normal distribution. *



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HFP

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Harvest/LOT ID: 29
Batch# : 1015B59GH
Sampled : 11/12/21
Ordered : 11/12/21
Sample Size Received : 12 gram
Total Weight/Volume : N/A
Completed : 11/22/21 Expires: 11/22/22
Sample Method : SOP Client Method

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	Microbials	PASS		Mycotoxins	PASS
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Analyte	LOD	Result
SALMONELLA		not present in 1 gram.
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.
SHIGA_TOXIN_PRODUCING_ESCHERICHIA_COLI		not present in 1 gram.
SHIGA_TOXIN_PRODUCING_ESCHERICHIA_COLI		not present in 1 gram.

Analysis Method -SOP.T.40.043
Analytical Batch -CA001140MIC Batch Date : 11/19/21 11:18:23
Instrument Used : Sensovation SensoSpot Fluorescence
Running On :

Analyzed by	Weight	Extraction date	Extracted By
1051	1.12g	NA	NA

Reagent Dilution Consums. ID	Consums. ID	Consums. ID	Consums. ID	Consums. ID	Consums. ID
061021.04 9	10025-726	1059-965	209058	RU13471	QU28720
122120.01	200103274	76322-134	226378	RU14275	RU14274
120919.01	89012-778	75830-564	19210331	RU12041	RU11952
010920.29	215918	6980A10	QU26793	842730950	03086
	13-681-506	107533-17-071520	QU27364	960550291	
	76322-154	207379	QU27000	QU24028	

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.

Analyte	LOD	Units	Result	Action Level
OCHRATOXIN A+	10	µg/kg	ND	20
AFLATOXIN B1	2	ug/kg	ND	20
AFLATOXIN G1	2	ug/kg	ND	20
AFLATOXIN G2	4	ug/kg	ND	20
AFLATOXIN B2	2	ug/kg	ND	20
TOTAL AFLATOXINS (SUM OF B1, B2, G1 & G2)	10	µg/kg	ND	20

Analysis Method -SOP.T.30.060, SOP.T.40.060
Analytical Batch -CA001133MYC | Reviewed On - 11/22/21 12:26:58
Instrument Used : LCMS-8060 (MYC) (MO-LCMS-01)
Running On :
Batch Date : 11/17/21 14:41:09

Analyzed by	Weight	Extraction date	Extracted By
1051	0.501g	11/22/21 12:11:55	1051

Expanded measurements of uncertainties are statistically derived from QC data at 95% confidence level (k=1.96) for a normal distribution.

	Heavy Metals	PASS
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Reagent	Reagent	Reagent	Dilution Consums. ID	Consums. ID
010220.01	111721.R06	102121.R01 1	2003055-9D-0266-TA	19210465
040920.02	111721.R07	062521.01	89049-174	L422921
100721.R04	111721.R08	120919.01	350518130	O448591
111721.R03	111721.R10		19303688	O484501
111721.R04	111721.R09		19210388	O535231
111721.R05	091720.02		19210576	

Metal	LOD	Unit	Result	Action Level
ARSENIC	0.001	µg/g	0.024	0.2
CADMIUM	0.004	µg/g	0.061	0.2
LEAD	0.009	µg/g	0.04	0.5
MERCURY	0.003	µg/g	<LOQ	0.1

Analyzed by	Weight	Extraction date	Extracted By
1694	0.508g	NA	NA

Analysis Method -SOP.T.40.050, SOP.T.30.052
Analytical Batch -CA001128HEA | Reviewed On - 11/17/21 16:55:05
Instrument Used : ICPMS-2030(MO-ICPMS-01)
Running On :
Batch Date : 11/17/21 09:23:17

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. Expanded measurements of uncertainties are statistically derived from QC data at 95% confidence level (k=1.96) for a normal distribution.