



Certificate of Analysis

Sample: CA11214001-004

Harvest/Lot ID: 59

Batch#: 1211SKCD

Seed to Sale# N/A

Batch Date: 12/11/21

Sample Size Received: 12 gram

Total Weight/Volume: N/A

Retail Product Size: 1 gram

Ordered: 12/11/21

sampled: 12/11/21

Completed: 12/23/21 Expires: 12/23/22

Sampling Method: SOP Client Method

TESTED

Page 1 of 4

Dec 23, 2021 | HFP

100 Bayview Circle
Newport Beach, CA, 92660, US



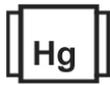
PRODUCT IMAGE



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
0.661%



Total CBD
13.138%



Total Cannabinoids
16.034%



Filtration

PASS

Analyzed By	Weight	Extraction date	Extracted By
1048	NA	NA	NA
Analyte	LOD	Result	
Insect fragments, hairs & mammalian excreta	0.1	0	
Analysis Method -SOP.T.40.013		Batch Date : 12/17/21 08:37:00	
Analytical Batch -CA001189FIL		Reviewed On - 12/17/21 08:43:55	
Instrument Used :			
Running On :			

This includes but is not limited to hair, insects, feces, packaging contaminants, and manufacturing waste and by-products. An SH-28/T Stereo Microscope is used for inspection.



Water Activity

PASS

Analyte	Analyzed by	Weight	Ext. date	LOD	A.L	Result
WATER ACTIVITY	1048	0.513g	12/17/21	0.001 Aw	0.65Aw	0.578Aw
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 -CA001190WAT			Batch Date : 12/17/21 08:37:35			
Instrument Used : Rotronic Water Meter HygroPalm23-AW (MO-WA-01)			Reviewed On - 12/17/21 12:30:26			



Moisture

TESTED

Analyte	Analyzed by	Weight	Ext. date	LOD	A.L	Result
MOISTURE CONTENT	1048	0.532g	12/15/21	1%		12.59%
Analysis Method -SOP.T.40.011		Batch Date : 12/15/21 10:22:20				
Analytical Batch -CA001179MOI		Reviewed On - 12/15/21 11:24:36				
Instrument Used : Shimadzu UniBloc Moisture Content Analyzer (MO-MA-01)						

	CBDV	CBD	CBG	THCV	CBDA	CBGA	CBN	D9-THC	D8-THC	CBC	THCA-A
%	ND	0.631	ND	ND	12.376	0.35	ND	ND	ND	ND	0.659
mg/g	ND	6.31	ND	ND	123.76	3.5	ND	ND	ND	ND	6.59
LOD	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04

Cannabinoid Profile Test

Analyzed by	Weight	Extraction date :	Extracted By :
1068	0.509g	12/15/21 12:12:57	1068
Analysis Method -SOP.T.40.020, SOP.T.30.050		Reviewed On - 12/16/21 10:49:41	
Analytical Batch -CA001178POT		Batch Date : 12/15/21 09:56:32	
Instrument Used : HPLC-3Dplus(MO-HPLC-01) Running On :			

Reagent	Dilution	Consums. ID
060121.23	400	PS-7510-1
120321.R01		VAV-09-1020
120221.R01		ALK-09-1412
121521.R01		80081-188
081021.03		YO205AH0003090
		842751369
		QU24030
		960550288
		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 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

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Haifei Yin
Lab Director

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



Signature

12/23/21

Signed On



Certificate of Analysis

TESTED

HFP

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

Sample : CA11214001-004

Harvest/Lot ID: 59

Batch# : 1211SKCD

Sampled : 12/11/21

Ordered : 12/11/21

Sample Size Received : 12 gram

Total Weight/Volume : N/A

Completed : 12/23/21 Expires: 12/23/22

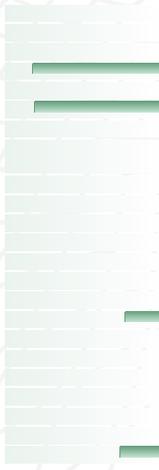
Sample Method : SOP Client Method

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Terpenes

TESTED

Terpenes	LOD(%)	mg/g	%	Result (%)	Terpenes	LOD(%)	mg/g	%	Result (%)																													
ALPHA-PINENE	0.0625	ND	ND		 <p>Terpenes TESTED</p> <p>Analyzed by 1695 Weight 0.501g Extraction date NA Extracted By NA</p> <p>Analysis Method -SOP.T.40.091 Analytical Batch -CA001194TER Instrument Used : GC-2030 FID(MO-GCFID-01) Running On : Batch Date : 12/21/21 10:18:13 Reviewed On - 12/22/21 16:54:59</p> <table border="1"> <thead> <tr> <th>Reagent</th> <th>Dilution</th> <th>Consums. ID</th> </tr> </thead> <tbody> <tr> <td>021621.01</td> <td>1</td> <td>9299.077</td> </tr> <tr> <td>060121.22</td> <td></td> <td>ALK-09-1412</td> </tr> <tr> <td>041320.10</td> <td></td> <td>1904903</td> </tr> <tr> <td>041320.07</td> <td></td> <td>80081-198</td> </tr> <tr> <td></td> <td></td> <td>10854-122</td> </tr> <tr> <td></td> <td></td> <td>OU24030</td> </tr> <tr> <td></td> <td></td> <td>960550288</td> </tr> <tr> <td></td> <td></td> <td>K471831</td> </tr> <tr> <td></td> <td></td> <td>REST-21764</td> </tr> <tr> <td></td> <td></td> <td>33011020200006</td> </tr> </tbody> </table> <p><small>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.</small></p>	Reagent	Dilution	Consums. ID	021621.01	1	9299.077	060121.22		ALK-09-1412	041320.10		1904903	041320.07		80081-198			10854-122			OU24030			960550288			K471831			REST-21764			33011020200006
Reagent	Dilution	Consums. ID																																				
021621.01	1	9299.077																																				
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		960550288																																				
		K471831																																				
		REST-21764																																				
		33011020200006																																				
ALPHA-TERPINENE	0.0625	ND	ND																																			
ALPHA-BISABOLOL	0.0625	ND	ND																																			
BETA-CARYOPHYLLENE	0.0625	2.268	0.226																																			
BETA-MYRCENE	0.0624	ND	ND																																			
BETA-PINENE	0.0625	2.252	0.225																																			
CAMPHENE	0.0625	ND	ND																																			
(-)-CARYOPHYLLENE OXIDE	0.0625	ND	ND																																			
CIS-NEROLIDOL	0.05375	ND	ND																																			
D-LIMONENE	0.0625	ND	ND																																			
DELTA-3-CARENE	0.0625	ND	ND																																			
EUCALYPTOL	0.0625	ND	ND																																			
GAMMA TERPINENE	0.0625	ND	ND																																			
GERANIOL	0.0625	ND	ND																																			
GUAJOL	0.0625	ND	ND																																			
HUMULENE	0.0625	0.733	0.073																																			
ISOPULEGOL	0.0625	ND	ND																																			
LINALOOL	0.0625	ND	ND																																			
OCIMENE ISOMER 1	0.0375	ND	ND																																			
P-CYMENE	0.0625	ND	ND																																			
OCIMENE ISOMER 2	0.0875	ND	ND																																			
TERPINOLENE	0.0625	ND	ND																																			
TRANS-NEROLIDOL	0.07125	0.792	0.079																																			
Total	6047.71 (ppm)	0.604 (%)																																				

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Haifei Yin
Lab Director
State License # NA
ISO Accreditation #
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Signature

12/23/21
Signed On



Certificate of Analysis

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HFP

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

Sample : CA11214001-004

Harvest/Lot ID: 59

Batch# : 1211SKCD

Sampled : 12/11/21

Ordered : 12/11/21

Sample Size Received : 12 gram

Total Weight/Volume : N/A

Completed : 12/23/21 Expires: 12/23/22

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	0.02	ND	HEXYTHIAZOX	0.01	ug/g	2	ND
ACEPHATE	0.01	ug/g	5	ND	ETOXAZOLE	0.01	ug/g	1.5	ND
OXAMYL	0.01	ug/g	0.2	ND	SPIROMESIFEN	0.01	ug/g	12	ND
FLONICAMID	0.02	ug/g	2	ND	CYFLUTHRIN	0.08	ug/g		ND
THIAMETHOXAM	0.01	ug/g	4.5	ND	CYPERMETHRIN	0.02	ug/g	1	ND
METHOMYL	0.01	ug/g	0.1	ND	FENPYROXIMATE	0.01	ug/g	2	ND
IMIDACLOPRID	0.01	ug/g	3	ND	PYRIDABEN	0.01	ug/g	3	ND
ACETAMIPRID	0.01	ug/g	5	ND	ABAMECTIN	0.007	ug/g	0.3	ND
MEVINPHOS	0.02	ug/g	0.01	ND	ETOFENPROX	0.01	ug/g	0.005	ND
DIMETHOATE	0.01	ug/g	0.005	ND	BIFENTHRIN	0.01	ug/g	0.5	0.031
THIACLOPRID	0.01	ug/g	0.005	ND	ACEQUINOCYL	0.01	ug/g	4	ND
IMAZALIL	0.01	ug/g	0.005	ND	SPINOSAD	0.01	ug/g		ND
ALDICARB	0.01	ug/g	0.005	ND	SPINETORAM	0.01	ug/g	3	ND
PROPOXUR	0.01	ug/g	0.005	ND	PERMETHRIN	0.01	ug/g		ND
DICHLORVOS	0.01	ug/g	0.005	ND	PYRETHRINS	0.017	ug/g		ND
CARBOFURAN	0.01	ug/g	0.005	ND	PENTACHLORONITROBENZENE (PCNB)	0.01873	ug/g	0.2	ND
CARBARYL	0.01	ug/g	0.5	ND	METHYL PARATHION *	0.01356	ug/g	0.008	ND
NALED	0.04	ug/g	0.5	ND	CAPTAN *	0.03668	ug/g	5	ND
CHLORANTRANILIPROLE	0.01	ug/g	40	0.067	CHLORDANE *	0.02115	ug/g	0.018	ND
METALAXYL	0.01	ug/g	15	ND	CHLORFENAPYR *	0.01981	ug/g	0.018	ND
PHOSMET	0.01	ug/g	0.2	ND					
AZOXYSTROBIN	0.01	ug/g	40	ND					
FLUDIOXONIL	0.02	ug/g	30	ND					
SPIROXAMINE	0.01	ug/g	0.005	ND					
BOSCALID	0.01	ug/g	10	ND					
METHIOCARB	0.01	ug/g	0.005	ND					
PACLOBUTAZOL	0.01	ug/g	0.005	ND					
MALATHION	0.01	ug/g	5	ND					
DIMETHOMORPH	0.01	ug/g	20	ND					
MYCLOBUTANIL	0.01	ug/g	9	ND					
BIFENAZATE	0.01	ug/g	5	<0.02					
FENHEXAMID	0.02	ug/g	10	ND					
SPIROTETRAMAT	0.01	ug/g	13	ND					
FIPRONIL	0.01	ug/g	0.005	ND					
ETHOPROPHOS	0.01	ug/g	0.005	ND					
FENOXYCARB	0.01	ug/g	0.005	ND					
KREXOXIM-METHYL	0.01	ug/g	1	ND					
TEBUCONAZOLE	0.01	ug/g	2	ND					
COUMAPHOS	0.01	ug/g	0.005	ND					
DIAZINON	0.01	ug/g	0.2	ND					
PROPICONAZOLE	0.01	ug/g	20	ND					
CLOFENTEZINE	0.01	ug/g	0.5	ND					
TRIFLOXYSTROBIN	0.01	ug/g	30	ND					
PRALLETHRIN	0.01	ug/g	0.4	ND					
PIPERONYL BUTOXIDE	0.01	ug/g	8	ND					
CHLORPYRIFOS	0.01	ug/g	0.005	ND					



Pesticides

PASS

Analyzed by
1051, 1051

Weight
0.508g

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.T40.070 Procedure for Pesticide Quantification Using GCMS).
Analytical Batch - CA001196PES, CA001196VOL

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

Running On : Reviewed On- 12/17/21 08:43:55

Batch Date : 12/21/21 12:10:49

Reagent	Dilution	Consums. ID
111720.01	10	PS-7510-1
12521.803		VAV-09-1020
120021.802		66022-060
062821.01		ALK-09-1412
093021.803		80081-188
120021.801		L398261
121521.804		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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State License # NA
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Total Weight/Volume : N/A

Completed : 12/23/21 Expires: 12/23/22

Sample Method : SOP Client Method

Page 4 of 4



Microbials PASS



Mycotoxins PASS

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 -CA001191MIC Batch Date : 12/17/21 14:42:33
Instrument Used : Sensovation SensoSpot Fluorescence
Running On :

Analyzed by	Weight	Extraction date	Extracted By
1755	NA	NA	NA

Reagent	Dilution	Consums. ID	Consums. ID	Consums. ID	Consums. ID	Consums. ID
021621.01	1	215918	26219028	209058	QU30249	960550291
090921.R09		53511-997	75830-564	226378	QU27000	QU24028
090921.R10		13-681-506	6980A10	1089615	RU13471	QU28720
093021.01		76322-154	107400-31-060120	19210331	RU14275	RU14274
		1059-965	107533-17-071520	QU26793	RU12041	RU11952
		76322-134	207379	QU27364	842730950	

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 OF AFLATOXINS (SUM OF B1, B2, G1 & G2)	10	µg/kg	ND	20

Analysis Method -SOP.T.30.060, SOP.T.40.060
Analytical Batch -CA001197MYC | Reviewed On - 12/22/21 15:50:29
Instrument Used : LCMS-8060 (MYC) (MO-LCMS-01)
Running On :
Batch Date : 12/21/21 12:15:04

Analyzed by	Weight	Extraction date	Extracted By
1051	0.508g	NA	NA

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



Heavy Metals PASS

Reagent	Reagent	Reagent	Dilution	Consums. ID	Consums. ID
010220.01	121421.R08	051920.01	1	2003055-9D-0266-TA	O448591
121421.R03	121421.R09	120919.01		89049-174	O484501
121421.R04	121421.R10			350518130	
121421.R05	091720.02			19303688	
121421.R06	102121.R01			19210388	
121421.R07	062521.01			19210576	

Metal	LOD	Unit	Result	Action Level
ARSENIC	0.001	µg/g	0.178	1.5
CADMIUM	0.004	µg/g	0.19	0.5
LEAD	0.009	µg/g	0.3	0.5
MERCURY	0.003	µg/g	<LOQ	3

Analyzed by	Weight	Extraction date	Extracted By
1694	0.512g	NA	NA

Analysis Method -SOP.T.40.050, SOP.T.30.052
Analytical Batch -CA001180HEA | Reviewed On - 12/16/21 11:20:31
Instrument Used : ICPMS-2030(MO-ICPMS-01)
Running On :
Batch Date : 12/15/21 11:21:05

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.

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