



Sample: DA00214012-001
Harvest/Lot ID: N/A
Seed to Sale #n/a
Batch Date :N/A
Batch#: 8049619.002
Sample Size Received: 29 gram
Retail Product Size: 120
Ordered : 02/13/20
Sampled : 02/13/20
Completed: 03/24/20 Expires: 03/24/21
Sampling Method: SOP Client Method

Certificate of Analysis

Mar 24, 2020 | Origin Labs Inc
2102 Buisness Center Drive,,Irvine,92612,California



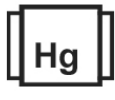
PASSED

Page 1 of 4

PRODUCT IMAGE SAFETY RESULTS



Pesticides
PASSED



Heavy Metals
PASSED



Microbials
PASSED



Mycotoxins
PASSED



Residuals Solvents
PASSED



Filtration
PASSED



Water Activity
NOT TESTED



Moisture
NOT TESTED



Terpenes
NOT TESTED

MISC.

CANNABINOID RESULTS



Total THC
0.133%



Total CBD
95.590%



Total Cannabinoids
97.720%

Filtration PASSED

CBC	CBGA	CBG	THCV	D8-THC	CBDV	CBN	CBDA	CBD	D9-THC	THCA
0.705%	ND	0.583%	0.125%	ND	0.584%	ND	ND	95.590%	0.133%	ND
7.050 mg/g	ND	5.830 mg/g	1.250 mg/g	ND	5.840 mg/g	ND	ND	955.900 mg/g	1.330 mg/g	ND
LOD 0.001 %	0.001 %	0.001 %	0.001 %	0.001 %	0.001 %	0.001 %	0.001 %	0.0001 %	0.0001 %	0.001 %

Analyzed By 584 Weight 1g Extraction date 02/14/20 LOD(ppm) 965 Extracted By 584
Analysis Method -SOP.T.40.013 Batch Date : 02/14/20 11:49:39
Analytical Batch -DA010267FIL Reviewed On - 02/14/20 13:33:01
Instrument Used :

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.

Cannabinoid Profile Test

Analyzed by 1224 Weight 0.1003g Extraction date : 02/14/20 11:02:12 Extracted By : 965
Analysis Method -SOP.T.40.020, SOP.T.30.050 Reviewed On - 02/17/20 11:22:57
Analytical Batch -DA010244POT Instrument Used : DA-LC-003 Batch Date : 02/14/20 09:31:17

Reagent	Dilution	Consums. ID
123019.R09	400	181205 SFN-BX-1025 849C4-849AK 840C6-840H

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).

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



Signature

03/24/2020

Signed On



Certificate of Analysis

PASSED

Origin Labs Inc

2102 Buisness Center Drive,
Irvine, 92612, California

Telephone: 9494560124

Email: danny@offstageholdings.com

Sample : DA00214012-001

Harvest/LOT ID: N/A

Batch# : 8049619.002

Sampled : 02/13/20

Ordered : 02/13/20

Sample Size Received : 29 gram

Completed : 03/24/20 Expires: 03/24/21

Sample Method : SOP Client Method

Page 2 of 4



Pesticides

PASSED

Pesticides	LOD	Units	Action Level	Result	Pesticides	LOD	Units	Action Level	Result
DIMETHOATE	0.01	ppm	0.1	ND	DAMINOZIDE	0.02	ppm	0.1	ND
CYPERMETHRIN	0.05	ppm	1	ND	DIAZANON	0.01	ppm	0.2	ND
CYFLUTHRIN	0.05	ppm	1	ND	MEVINPHOS	0.01	ppm	0.1	ND
CHLORFENAPYR	0.01	ppm	0.1	ND	MYCLOBUTANIL	0.01	ppm	3	ND
METHYL PARATHION	0.005	ppm	0.1	ND	NALED	0.01	ppm	0.5	ND
CAPTAN	0.07	ppm	3	ND	OXAMYL	0.01	ppm	0.5	ND
ABAMECTIN B1A	0.02	ppm	0.3	ND	PACLOBUTRAZOL	0.01	ppm	0.1	ND
ACEPHATE	0.001	ppm	3	ND	PHOSMET	0.01	ppm	0.2	ND
DICHLORVOS	0.05	ppm	0.1	ND	PIPERONYL BUTOXIDE	0.01	ppm	3	ND
DIMETHOMORPH	0.005	ppm	3	ND	PRALLETHRIN	0.05	ppm	0.4	ND
ACEQUINOCYL	0.01	ppm	2	ND	PROPICONAZOLE	0.01	ppm	1	ND
ACETAMIPRID	0.01	ppm	3	ND	PROPOXUR	0.01	ppm	0.1	ND
ETHOPROPHOS	0.01	ppm	0.1	ND	PYRETHRINS	0.01	ppm	1	ND
ALDICARB	0.02	ppm	0.1	ND	PYRIDABEN	0.01	ppm	3	ND
ETOXENPROX	0.01	ppm	0.1	ND	SPINETORAM	0.01	PPM	3	ND
AZOXYSTROBIN	0.01	ppm	3	ND	SPIROMESIFEN	0.01	ppm	3	ND
ETOXAZOLE	0.01	ppm	1.5	ND	SPIROTETRAMAT	0.02	ppm	3	ND
BIFENAZATE	0.01	ppm	3	ND	SPIROXAMINE	0.01	ppm	0.1	ND
FENHEXAMID	0.01	ppm	3	ND	TEBUCONAZOLE	0.01	ppm	1	ND
FENOXYCARB	0.01	ppm	0.1	ND	THIACLOPRID	0.01	ppm	0.1	ND
BIFENTHRIN	0.01	ppm	0.5	ND	THIAMETHOXAM	0.01	ppm	1	ND
BOSCALID	0.01	PPM	3	ND	TOTAL CONTAMINANT LOAD (PESTICIDES)	0.1	ppm	20	ND
FENPYROXIMATE	0.01	ppm	2	ND	TOTAL PERMETHRIN	1	ppm	1	ND
CARBARYL	0.01	ppm	0.5	ND	TOTAL SPINOSAD	1	ppm	3	ND
FIPRONIL	0.02	ppm	0.1	ND	TRIFLOXYSTROBIN	0.01	ppm	3	ND
FLONICAMID	0.01	ppm	2	ND					
CARBOFURAN	0.01	ppm	0.1	ND					
CHLORANTRANILIPROLE	0.01	ppm	3	ND					
FLUDIOXONIL	0.01	ppm	3	ND					
HEXYTHIAZOX	0.01	ppm	2	ND					
IMAZALIL	0.01	ppm	0.1	ND					
CHLORMEQUAT CHLORIDE	0.05	ppm	3	ND					
IMIDACLOPRID	0.01	ppm	3	ND					
CHLORPYRIFOS	0.01	ppm	0.1	ND					
KRESOXIM-METHYL	0.01	ppm	1	ND					
MALATHION	0.01	ppm	2	ND					
CLOFENTZINE	0.01	ppm	0.5	ND					
METALAXYL	0.01	ppm	3	ND					
COUMAPHOS	0.005	ppm	0.1	ND					
METHIOCARB	0.01	ppm	0.1	ND					
METHOMYL	0.01	ppm	0.1	ND					

	Pesticides	PASSED
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Analyzed by 56	Weight 1.0258g	Extraction date 02/14/20 01:02:02	Extracted By 1082
Analysis Method - SOP.T.30.065, SOP.T.40.065, SOP.T40.060, SOP.T.40.070 and SOP.T.40.090 , SOP.T.30.065, SOP.T.40.065, SOP.T40.060 and SOP.T.40.090			
Analytical Batch - DA010261PES		Reviewed On - 02/14/20 13:33:01	
Instrument Used : LCMS E-SHI-039			
Batch Date : 02/14/20 11:47:17			

Reagent 020320.25 021420.R02 021420.R03	Dilution 10	Consums. ID 846CT-8323
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.T40.060 Procedure for Pesticide Quantification Using LCMS). Volatile Pesticides may be tested with GCMSMS under SOP.T.40.070 and SOP.T.40.090. * Pesticide screen is performed using GC-MS which can screen down to below single digit ppb concentrations for regulated Pesticides. Currently we analyze for 2 Volatile Pesticides. (Method: SOP.T.30.060 Sample Preparation for Pesticides Analysis via LCMSMS and SOP.T.40.090 Volatile Pesticides Analysis by GC-MS/MS)		

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Jorge Segredo
Lab Director

State License # n/a
ISO Accreditation # 97164



Signature

03/24/2020

Signed On



Certificate of Analysis

PASSED

Origin Labs Inc

2102 Buisness Center Drive,
Irvine, 92612, California

Telephone: 9494560124

Email: danny@offstageholdings.com

Sample : DA00214012-001

Harvest/LOT ID: N/A

Batch# : 8049619.002

Sampled : 02/13/20

Ordered : 02/13/20

Sample Size Received : 29 gram


Completed : 03/24/20 Expires: 03/24/21

Sample Method : SOP Client Method

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Residual Solvents
PASSED



Residual Solvents
PASSED

Solvent	LOD	Units	Action Level (PPM)	Pass/Fail	Result
1,1-DICHLOROETHENE	1	ppm	8	PASS	ND
1,2-DICHLOROETHANE	0.18	ppm	2	PASS	ND
2-PROPANOL	45	ppm	500	PASS	ND
ACETONE	67.5	ppm	750	PASS	ND
ACETONITRILE	5.4	ppm	60	PASS	ND
BENZENE	0.09	ppm	1	PASS	ND
BUTANES (N-BUTANE)	96	ppm	5000	PASS	ND
CHLOROFORM	0.18	ppm	2	PASS	ND
DICHLOROMETHANE	3.75	ppm	125	PASS	ND
ETHANOL	90	ppm	5000	PASS	ND
ETHYL ACETATE	36	ppm	400	PASS	ND
ETHYL ETHER	45	ppm	500	PASS	ND
ETHYLENE OXIDE	0.6	ppm	5	PASS	ND
HEPTANE	45	ppm	5000	PASS	ND
METHANOL	22.5	ppm	250	PASS	ND
N-HEXANE	4.5	ppm	250	PASS	ND
PENTANES (N-PENTANE)	67.5	ppm	750	PASS	ND
PROPANE	120	ppm	5000	PASS	ND
TOLUENE	13.5	ppm	150	PASS	ND
TOTAL XYLENES	13.5	ppm	150	PASS	ND
TRICHLOROETHYLENE	2.25	ppm	25	PASS	ND

Analyzed by 850 **Weight** 0.0265g **Extraction date** 02/14/20 02:02:52 **Extracted By** 850
Analysis Method -SOP.T.40.032 **Reviewed On** - 02/17/20 14:51:28
Analytical Batch -DA010276SOL **Instrument Used** : Headspace GCMS
Batch Date : 02/14/20 14:34:18

Reagent	Dilution	Consums. ID
	1	00268767 161040-1 24152436

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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Jorge Segredo
Lab Director

State License # n/a
ISO Accreditation # 97164

Signature

03/24/2020

Signed On



Certificate of Analysis

PASSED

Origin Labs Inc

2102 Buisness Center Drive,
Irvine, 92612, California

Telephone: 9494560124

Email: danny@offstageholdings.com

Sample : DA00214012-001

Harvest/LOT ID: N/A

Batch#: 8049619.002

Sampled : 02/13/20

Ordered : 02/13/20

Sample Size Received : 29 gram

Completed : 03/24/20 Expires: 03/24/21

Sample Method : SOP Client Method

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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 -DA010262 | Reviewed On - 02/17/20 17:12:31

Instrument Used : LCMS E-SHI-039

Batch Date : 02/14/20 11:47:23

Analyzed by	Weight	Extraction date	Extracted By
56	1g	NA	NA

Aflatoxins B1, B2, G1, G2, and Ochratoxins A testing using LC-MS. (Method: SOP.T.30.065 for Sample Preparation and SOP.T.40.065 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
020420.371	918C4
020420.377	923C4-923AK
122719.60	929C6-929H
122719.65	50AX26219
122719.66	19323
013120.63	23819111
013120.66	190611634
013120.301	
122719.21	
122719.85	

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

Analytical Batch -DA010247MIC | Reviewed On - 02/17/20 15:07:16

Instrument Used : PathogenDX PCR_Array Scanner,PathogenDX PCR_119

Batch Date : 02/14/20 10:15:00

Analyzed by	Weight	Extraction date	Extracted By
513	1.0431g	02/14/20 10:02:16	1082

Reagent	Dilution	Consums. ID
021320.R13		181019-274
121619.08		5G298A



Heavy Metals
PASSED

Reagent	Dilution
021320.R12	50
021220.R17	
021220.R15	
021020.R10	
012920.R03	
020520.R01	

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

Analyzed by	Weight	Extraction date	Extracted By
53	0.2621g	02/14/20 01:02:46	457

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

Analytical Batch -DA010237HEA | Reviewed On - 02/17/20 14:46:32

Instrument Used : ICPMS-2030 B

Batch Date : 02/14/20 08:32:51

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

03/24/2020

Signed On

TEST 2) In-House Lab Test (Post-Formulation)



Pharma Natural
14500 NW 60th Ave. Building 7F
Miami Lakes, FL 33014 USA
www.pharmanatural.com



Test Certificate
QC Chemistry Laboratory

Product Description:	CBD oil Tincture Full Spectrum		
Client:	Pharma Natural for Origin Labs, Inc.		
Serving Size	1 mL	Reference #:	0063
Sample ID:	BKL2373	Lot #:	9343
Expiration date:	03/2022		
Date received:	03/16/2020	Date completed:	03/16/2020

Chemical Analysis

Analysis	Result	Units	Specifications	Test Method
Cannabidiol CBD	38.9	mg/mL	26.6 – 40.0	HPLC, USP <621>, STP 001

Tested by: YE Date: 03/17/2020
Yusel Espinosa - Analyst

Approved by: RLS Date: 03/17/2020
Rosa Lidia Solis – QC Manager



Certificate of Analysis

Sample: DA00318004-004
 Harvest/Lot ID: Lot#9343
 Seed to Sale #N/A
 Batch Date :N/A
 Batch#: BKL
 Sample Size Received: 30
 Retail Product Size: 30
 Ordered : 03/16/20
 Sampled : 03/16/20
 Completed: 03/20/20 Expires: 03/20/21
 Sampling Method: SOP Client Method

Mar 20, 2020 | Origin Labs Inc
 2102 Buisness Center Drive,,Irvine,92612,California



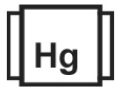
PASSED

Page 1 of 5

PRODUCT IMAGE SAFETY RESULTS



Pesticides
PASSED



Heavy Metals
PASSED



Microbials
PASSED



Mycotoxins
PASSED



Residuals Solvents
PASSED



Filtration
PASSED



Water Activity
NOT TESTED



Moisture
NOT TESTED



Terpenes
TESTED

MISC.

CANNABINOID RESULTS



Total THC
0.000%
THC/Container :0.000



Total CBD
3.476%
CBD/Container :0.000



Total Cannabinoids
3.546%
Total Cannabinoids / Container :0.000

CBC	CBGA	CBG	THCV	D8-THC	CBDV	CBN	CBDA	CBD	D9-THC	THCA
0.026%	ND	0.021%	ND	ND	0.023%	ND	ND	3.476%	ND	ND
0.260 mg/g	ND	0.210 mg/g	ND	ND	0.230 mg/g	ND	ND	34.760 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 %

Filtration PASSED

Analyzed By: 584 Weight: 1g Extraction date: 03/18/20 LOD(ppm): 584 Extracted By: 584
 Analysis Method -SOP.T.40.013 Batch Date : 03/18/20 09:47:32
 Analytical Batch -DA011054FIL Reviewed On - 03/18/20 11:32:06
 Instrument Used : Filtration/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: 450 Weight: 3.1123g Extraction date : 03/18/20 11:03:02 Extracted By : 965
 Analysis Method -SOP.T.40.020, SOP.T.30.050 Reviewed On - 03/19/20 14:28:42
 Analytical Batch -DA011052POT Instrument Used : DA-LC-003 Batch Date : 03/18/20 09:42:25

Reagent	Dilution	Consums. ID
022720.R11	400	180111 280653964 914C4-914AK 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).

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



Signature

N/A

Signed On



Certificate of Analysis

PASSED

Origin Labs Inc

2102 Buisness Center Drive,
Irvine, 92612, California

Telephone: 9494560124

Email: danny@offstageholdings.com

Sample : DA00318004-004

Harvest/LOT ID: Lot#9343

Batch# : BKL

Sampled : 03/16/20

Ordered : 03/16/20

Sample Size Received : 30

Completed : 03/20/20 Expires: 03/20/21

Sample Method : SOP Client Method

Page 2 of 5



Terpenes

TESTED

Terpenes	LOD	Units	Result (%)	Terpenes	LOD	Units	Result (%)
ALPHA-CEDRENE	0.007	%	ND	EUCALYPTOL	0.007	%	0.072
ALPHA-HUMULENE	0.007	%	ND	ISOBORNEOL	0.007	%	ND
ALPHA-PINENE	0.007	%	ND	HEXAHYDROTHYMOL	0.007	%	0.684
ALPHA-TERPINENE	0.007	%	ND	FENCHYL ALCOHOL	0.007	%	ND
BETA-MYRCENE	0.007	%	ND	3-CARENE	0.007	%	ND
BETA-PINENE	0.007	%	ND	CIS-NEROLIDOL	0.007	%	ND
BORNEOL	0.013	%	ND	ISOPULEGOL	0.007	%	ND
CAMPHENE	0.007	%	ND				
CAMPHOR	0.013	%	ND				
CARYOPHYLLENE OXIDE	0.007	%	ND				
CEDROL	0.007	%	ND				
ALPHA-BISABOLOL	0.007	%	0.023				
SABINENE	0.007	%	ND				
SABINENE HYDRATE	0.007	%	ND				
TERPINEOL	0.007	%	ND				
TERPINOLENE	0.007	%	ND				
BETA-CARYOPHYLLENE	0.007	%	0.077				
TRANS-NEROLIDOL	0.007	%	ND				
VALENCENE	0.007	%	ND				
PULEGONE	0.007	%	0.020				
ALPHA-PHELLANDRENE	0.007	%	ND				
OCIMENE	0.007	%	ND				
NEROL	0.007	%	ND				
LINALOOL	0.007	%	ND				
LIMONENE	0.007	%	0.032				
GUAJOL	0.007	%	ND				
GERANYL ACETATE	0.007	%	ND				
GERANIOL	0.007	%	ND				
GAMMA-TERPINENE	0.007	%	ND				
FENCHONE	0.007	%	ND				
FARNESENE	0.007	%	0.115				
Total		1.026					



Terpenes

TESTED

Analyzed by 1351 **Weight** 0.9987g **Extraction date** 03/18/20 10:03:59 **Extracted By** 1351

Analysis Method -SOP.T.40.090
Analytical Batch -DA011038TER **Reviewed On - 03/19/20 08:47:35**
Instrument Used : GA-Triple Quad GCMS Terp
Batch Date : 03/18/20 08:31:00

Reagent	Dilution	Consums. ID
021420.10	10	180111
012120.R13		280653964

Terpenoid profile screening is performed using GC-MS with Liquid Injection (Gas Chromatography - Mass Spectrometer) which can screen 38 terpenes using Method SOP.T.40.091 Terpenoid Analysis Via GC/MS.

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


Signature
N/A
Signed On



Certificate of Analysis

PASSED

Origin Labs Inc

2102 Buisness Center Drive,
Irvine, 92612, California

Telephone: 9494560124

Email: danny@offstageholdings.com

Sample : DA00318004-004

Harvest/LOT ID: Lot#9343

Batch# : BKL

Sampled : 03/16/20

Ordered : 03/16/20

Sample Size Received : 30

Completed : 03/20/20 Expires: 03/20/21

Sample Method : SOP Client Method

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Pesticides

PASSED

Pesticides	LOD	Units	Action Level	Result	Pesticides	LOD	Units	Action Level	Result
DIMETHOATE	0.01	ppm	0.1	ND	DAMINOZIDE	0.02	ppm	0.1	ND
CYPERMETHRIN	0.05	ppm	1	ND	DIAZANON	0.01	ppm	0.2	ND
CYFLUTHRIN	0.05	ppm	1	ND	MEVINPHOS	0.01	ppm	0.1	ND
CHLORFENAPYR	0.01	ppm	0.1	ND	MYCLOBUTANIL	0.01	ppm	3	ND
METHYL PARATHION	0.005	ppm	0.1	ND	NALED	0.01	ppm	0.5	ND
CAPTAN	0.07	ppm	3	ND	OXAMYL	0.01	ppm	0.5	ND
ABAMECTIN B1A	0.02	ppm	0.3	ND	PACLOBUTRAZOL	0.01	ppm	0.1	ND
ACEPHATE	0.001	ppm	3	ND	PHOSMET	0.01	ppm	0.2	ND
DICHLORVOS	0.05	ppm	0.1	ND	PIPERONYL BUTOXIDE	0.01	ppm	3	ND
DIMETHOMORPH	0.005	ppm	3	ND	PRALLETHRIN	0.05	ppm	0.4	ND
ACEQUINOCYL	0.01	ppm	2	ND	PROPICONAZOLE	0.01	ppm	1	ND
ACETAMIPRID	0.01	ppm	3	ND	PROPOXUR	0.01	ppm	0.1	ND
ETHOPROPHOS	0.01	ppm	0.1	ND	PYRETHRINS	0.01	ppm	1	ND
ALDICARB	0.02	ppm	0.1	ND	PYRIDABEN	0.01	ppm	3	ND
ETOXENPROX	0.01	ppm	0.1	ND	SPINETORAM	0.01	PPM	3	ND
AZOXYSTROBIN	0.01	ppm	3	ND	SPIROMESIFEN	0.01	ppm	3	ND
ETOXAZOLE	0.01	ppm	1.5	ND	SPIROTETRAMAT	0.02	ppm	3	ND
BIFENAZATE	0.01	ppm	3	ND	SPIROXAMINE	0.01	ppm	0.1	ND
FENHEXAMID	0.01	ppm	3	ND	TEBUCONAZOLE	0.01	ppm	1	ND
FENOXYCARB	0.01	ppm	0.1	ND	THIACLOPRID	0.01	ppm	0.1	ND
BIFENTHRIN	0.01	ppm	0.5	ND	THIAMETHOXAM	0.01	ppm	1	ND
BOSCALID	0.01	PPM	3	ND	TOTAL CONTAMINANT LOAD (PESTICIDES)	0.1	ppm	20	ND
FENPYROXIMATE	0.01	ppm	2	ND	TOTAL PERMETHRIN	1	ppm	1	ND
CARBARYL	0.01	ppm	0.5	ND	TOTAL SPINOSAD	1	ppm	3	ND
FIPRONIL	0.02	ppm	0.1	ND	TRIFLOXYSTROBIN	0.01	ppm	3	ND
FLONICAMID	0.01	ppm	2	ND					
CARBOFURAN	0.01	ppm	0.1	ND					
CHLORANTRANILIPROLE	0.01	ppm	3	ND					
FLUDIOXONIL	0.01	ppm	3	ND					
HEXYTHIAZOX	0.01	ppm	2	ND					
IMAZALIL	0.01	ppm	0.1	ND					
CHLORMEQUAT CHLORIDE	0.05	ppm	3	ND					
IMIDACLOPRID	0.01	ppm	3	ND					
CHLORPYRIFOS	0.01	ppm	0.1	ND					
KRESOXIM-METHYL	0.01	ppm	1	ND					
MALATHION	0.01	ppm	2	ND					
CLOFENTEZINE	0.01	ppm	0.5	ND					
METALAXYL	0.01	ppm	3	ND					
COUMAPHOS	0.005	ppm	0.1	ND					
METHIOCARB	0.01	ppm	0.1	ND					
METHOMYL	0.01	ppm	0.1	ND					

	Pesticides	PASSED
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Analyzed by 585	Weight 0.9925g	Extraction date 03/18/20 12:03:21	Extracted By 1082
Analysis Method - SOP.T.30.065, SOP.T.40.065, SOP.T.40.060, SOP.T.40.070 and SOP.T.40.090, SOP.T.30.065, SOP.T.40.065, SOP.T.40.060 and SOP.T.40.090			
Analytical Batch - DA011047PES		Reviewed On- 03/18/20 11:32:06	
Instrument Used : DA-LCMS-001_DER			
Batch Date : 03/18/20 09:34:02			

Reagent	Dilution	Consums. ID
	10	

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.T.40.060 Procedure for Pesticide Quantification Using LCMS). Volatile Pesticides may be tested with GCMSMS under SOP.T.40.070 and SOP.T.40.090. * Pesticide screen is performed using GC-MS which can screen down to below single digit ppb concentrations for regulated Pesticides. Currently we analyze for 2 Volatile Pesticides. (Method: SOP.T.30.060 Sample Preparation for Pesticides Analysis via LCMSMS and SOP.T.40.090 Volatile Pesticides Analysis by GC-MS/MS)

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

Signature

N/A

Signed On



Certificate of Analysis

PASSED

Origin Labs Inc

2102 Buisness Center Drive,
Irvine, 92612, California

Telephone: 9494560124

Email: danny@offstageholdings.com

Sample : DA00318004-004

Harvest/LOT ID: Lot#9343

Batch# : BKL

Sampled : 03/16/20

Ordered : 03/16/20

Sample Size Received : 30

Completed : 03/20/20 Expires: 03/20/21


Sample Method : SOP Client Method

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Residual Solvents

PASSED



Residual Solvents

PASSED

Solvent	LOD	Units	Action Level (PPM)	Pass/Fail	Result
1,1-DICHLOROETHENE	1	ppm	8	PASS	ND
1,2-DICHLOROETHANE	0.18	ppm	2	PASS	ND
2-PROPANOL	45	ppm	500	PASS	ND
ACETONE	67.5	ppm	750	PASS	ND
ACETONITRILE	5.4	ppm	60	PASS	ND
BENZENE	0.09	ppm	1	PASS	ND
BUTANES (N-BUTANE)	96	ppm	5000	PASS	ND
CHLOROFORM	0.18	ppm	2	PASS	ND
DICHLOROMETHANE	3.75	ppm	125	PASS	ND
ETHANOL	90	ppm	5000	PASS	ND
ETHYL ACETATE	36	ppm	400	PASS	ND
ETHYL ETHER	45	ppm	500	PASS	ND
ETHYLENE OXIDE	0.6	ppm	5	PASS	ND
HEPTANE	45	ppm	5000	PASS	ND
METHANOL	22.5	ppm	250	PASS	ND
N-HEXANE	4.5	ppm	250	PASS	ND
PENTANES (N-PENTANE)	67.5	ppm	750	PASS	ND
PROPANE	120	ppm	5000	PASS	ND
TOLUENE	13.5	ppm	150	PASS	ND
TOTAL XYLENES	13.5	ppm	150	PASS	ND
TRICHLOROETHYLENE	2.25	ppm	25	PASS	ND

Analyzed by 850 Weight 0.0213g Extraction date 03/18/20 03:03:14 Extracted By 850

Analysis Method -SOP.T.40.032
 Analytical Batch -DA011062SOL Reviewed On - 03/20/20 11:41:55
 Instrument Used : Headspace GCMS
 Batch Date : 03/18/20 13:21:22

Reagent	Dilution	Consums. ID
	1	

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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Jorge Segredo
Lab Director

State License # n/a
ISO Accreditation # 97164



Signature

N/A

Signed On



Certificate of Analysis

PASSED

Origin Labs Inc

2102 Buisness Center Drive,
Irvine, 92612, California

Telephone: 9494560124

Email: danny@offstageholdings.com

Sample : DA00318004-004

Harvest/LOT ID: Lot#9343

Batch# : BKL

Sampled : 03/16/20

Ordered : 03/16/20

Sample Size Received : 30

Completed : 03/20/20 Expires: 03/20/21

Sample Method : SOP Client Method

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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 -DA011048MYC | Reviewed On - 03/20/20 16:34:36
 Instrument Used : DA-LCMS-001_DER
 Batch Date : 03/18/20 09:34:54

Analyzed by	Weight	Extraction date	Extracted By
585	1g	03/20/20 04:03:22	585

Aflatoxins B1, B2, G1, G2, and Ochratoxins A testing using LC-MS. (Method: SOP.T.30.065 for Sample Preparation and SOP.T.40.065 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
122719.32	918C4-918J
013120.124	914C4-914AK
013120.312	929C6-929H
020320.56	50AX26219
013120.326	19323
013120.395	23819111
121719.26	190611634
122719.136	
020320.64	
013120.408	
121719.20	
013120.320	
022120.78	
022120.139	
022120.138	

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
 Analytical Batch -DA011053MIC | Reviewed On - 03/20/20 15:53:47
 Instrument Used : PathogenDX PCR_Array Scanner
 Batch Date : 03/18/20 09:44:44

Analyzed by	Weight	Extraction date	Extracted By
357	1.0099g	03/18/20 11:03:46	1082

Reagent	Dilution	Consums. ID
121619.17		181019-274
121619.11		SG298A



Heavy Metals
PASSED

Reagent	Reagent	Dilution
031720.R07	031820.R01	50
031720.R08	031020.R02	
031720.R02	111319.02	
031720.R03		
031820.R03		
031820.R02		

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

Analyzed by	Weight	Extraction date	Extracted By
457	0.2633g	03/18/20 10:03:07	457

Analysis Method -SOP.T.40.050, SOP.T.30.052
 Analytical Batch -DA011041HEA | Reviewed On - 03/19/20 10:10:01
 Instrument Used : ICPMS-2030
 Batch Date : 03/18/20 08:39:21

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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Signature

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