



# Certificate of Analysis

**COMPLIANCE FOR RETAIL**
**Sample: DA30511003-005**
**Harvest/Lot ID: 1813 5961 5020 6747**
**Batch#: 5092 6161 3435 2491**
**Cultivation Facility: Tampa Cultivation**
**Processing Facility : Tampa Processing**
**Source Facility : Tampa Cultivation**
**Seed to Sale# 1813 5961 5020 6747**
**Batch Date: 03/29/23**
**Sample Size Received: 15.5 gram**
**Total Amount: 920 units**
**Retail Product Size: 0.5 gram**
**Ordered: 05/10/23**
**Sampled: 05/10/23**
**Completed: 05/13/23**
**Sampling Method: SOP.T.20.010**

May 13, 2023 | FLUENT

82 NE 26th street  
Miami, FL, 33137, US

**PASSED**

Pages 1 of 6

**PRODUCT IMAGE**

**SAFETY RESULTS**

**Pesticides  
PASSED**

**Heavy Metals  
PASSED**

**Microbials  
PASSED**

**Mycotoxins  
PASSED**

**Residuals Solvents  
PASSED**

**Filtration  
PASSED**

**Water Activity  
PASSED**

**Moisture  
NOT TESTED**

**Terpenes  
TESTED**
**MISC.**

**Cannabinoid**
**PASSED**

**Total THC**
**45.788%**
**Total THC/Container : 228.94 mg**

**Total CBD**
**45.619%**
**Total CBD/Container : 228.095 mg**

**Total Cannabinoids**
**96.763%**
**Total Cannabinoids/Container : 483.815 mg**

	D9-THC	THCA	CBD	CBDA	D8-THC	CBG	CBGA	CBN	THCV	CBDV	CBC
%	45.754	0.039	45.619	ND	0.082	2.047	ND	0.555	0.23	0.082	2.355
mg/unit	228.77	0.195	228.095	ND	0.41	10.235	ND	2.775	1.15	0.41	11.775
LOD	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
	%	%	%	%	%	%	%	%	%	%	%

Analyzed by:  
1665, 3112, 585, 1440

Weight:  
0.0992g

Extraction date:  
05/11/23 10:23:41

Extracted by:  
3335,1665

Analysis Method : SOP.T.40.031, SOP.T.30.031

Analytical Batch : DA060035POT

Instrument Used : DA-LC-007

Analyzed Date : 05/11/23 10:54:55

Reviewed On : 05/12/23 10:23:05

Batch Date : 05/11/23 09:15:43

Dilution : 400

Reagent : 050923.R09; 070121.27; 050923.R07

Consumables : 280670723; CE0123; 61633-125C6-125E; R1KB14270

Pipette : DA-079; DA-108; DA-078

Full Spectrum cannabinoid analysis utilizing High Performance Liquid Chromatography with UV detection in accordance with F.S. Rule 64ER20-39.

This Kaycha Labs Certification shall not be reproduced, unless in its entirety, without written approval from Kaycha Labs. The results relate only to the material or product analyzed. ND=Not Detected, ppm=Parts Per Million, ppb=Parts Per Billion, RSD=Relative Standard Deviation. Limit of Detection (LOD) and Limit Of Quantitation (LOQ) are terms used to describe the smallest concentration that can be detected and reliably measured by an analytical procedure, respectively. Action Levels are State determined thresholds based on F.S. Rule 64ER20-39 and F.S. Rule 5K-4. The Measurement of Uncertainty (MU) error is available from the lab upon request. The "Decision Rule" for pass/fail does not include the MU. Any calculated totals may contain rounding errors.

**Jorge Segredo**

Lab Director

State License # CMTL-0002  
ISO 17025 Accreditation # ISO/IEC  
17025:2017 Accreditation PJLA-  
Testing 97164



Signature  
05/13/23



# Certificate of Analysis

**PASSED**

FLUENT

82 NE 26th street  
Miami, FL, 33137, US  
Telephone: (305) 900-6266  
Email: Taylor.Jones@getfluent.com

Sample : DA30511003-005  
Harvest/Lot ID: 1813 5961 5020 6747

Batch# : 5092 6161 3435  
2491

Sampled : 05/10/23  
Ordered : 05/10/23

Sample Size Received : 15.5 gram

Total Amount : 920 units

Completed : 05/13/23 Expires: 05/13/24

Sample Method : SOP.T.20.010

Page 2 of 6



## Terpenes

**TESTED**

Terpenes	LOD (%)	mg/unit	%	Result (%)	Terpenes	LOD (%)	mg/unit	%	Result (%)
TOTAL TERPENES	0.007	12.025	2.405		FARNESENE	0.007	0.245	0.049	
TOTAL TERPENEOL	0.007	0.11	0.022		ALPHA-HUMULENE	0.007	0.27	0.054	
ALPHA-BISABOLOL	0.007	0.105	0.021		VALENCENE	0.007	ND	ND	
ALPHA-PINENE	0.007	0.235	0.047		CIS-NEROLIDOL	0.007	<0.1	<0.02	
CAMPHENE	0.007	ND	ND		TRANS-NEROLIDOL	0.007	ND	ND	
SABINENE	0.007	ND	ND		CARYOPHYLLENE OXIDE	0.007	<0.1	<0.02	
BETA-PINENE	0.007	0.32	0.064		GUAIOL	0.007	ND	ND	
BETA-MYRCENE	0.007	1.475	0.295		CEDROL	0.007	ND	ND	
ALPHA-PHELLANDRENE	0.007	0.465	0.093						
3-CARENE	0.007	0.165	0.033		Analized by:	Weight:	Extraction date:	Extracted by:	
ALPHA-TERPINENE	0.007	0.11	0.022		2076, 585, 1440	1.1652g	05/11/23 11:31:08	2076	
LIMONENE	0.007	0.78	0.156		Analysis Method : SOP.T.30.061A.FL, SOP.T.40.061A.FL				
EUCALYPTOL	0.007	<0.1	<0.02		Analytical Batch : DA0600507ER			Reviewed On : 05/13/23 18:14:40	
OCIMENE	0.007	2.265	0.453		Instrument Used : DA-GCMS-008			Batch Date : 05/11/23 10:10:26	
GAMMA-TERPINENE	0.007	<0.1	<0.02		Analyzed Date : 05/13/23 14:55:00				
SABINENE HYDRATE	0.007	ND	ND		Dilution : 10				
TERPINOLENE	0.007	4.015	0.803		Reagent : 121622.29				
FENCHONE	0.007	ND	ND		Consumables : 210414634; MKCN9995; CE0123; R1KB14270				
LINALOOL	0.007	0.22	0.044		Pipette : N/A				
FENCHYL ALCOHOL	0.007	0.155	0.031		Terpenoid testing is performed utilizing Gas Chromatography Mass Spectrometry. For all Flower samples, the Total Terpenes % is dry-weight corrected.				
ISOPULEGOL	0.007	ND	ND						
CAMPHOR	0.013	ND	ND						
ISOBORNEOL	0.007	ND	ND						
BORNEOL	0.013	ND	ND						
HEXAHYDROTHYMOL	0.007	ND	ND						
NEROL	0.007	ND	ND						
PULEGONE	0.007	ND	ND						
GERANIOL	0.007	ND	ND						
GERANYL ACETATE	0.007	ND	ND						
ALPHA-CEDRENE	0.007	ND	ND						
BETA-CARYOPHYLLENE	0.007	1.09	0.218						
<b>Total (%)</b>			<b>2.405</b>						



# Certificate of Analysis

**PASSED**

FLUENT

 82 NE 26th street  
 Miami, FL, 33137, US  
 Telephone: (305) 900-6266  
 Email: Taylor.Jones@getfluent.com

Sample : DA30511003-005

Harvest/Lot ID: 1813 5961 5020 6747

 Batch# : 5092 6161 3435  
 2491

Sampled : 05/10/23

Ordered : 05/10/23


Sample Size Received : 15.5 gram

Total Amount : 920 units

Completed : 05/13/23 Expires: 05/13/24

Sample Method : SOP.T.20.010

Page 3 of 6



Pesticides

PASSED

Pesticide	LOD	Units	Action Level	Pass/Fail	Result	Pesticide	LOD	Units	Action Level	Pass/Fail	Result
TOTAL CONTAMINANT LOAD (PESTICIDES)	0.01	ppm	5	PASS	ND	OXAMYL	0.01	ppm	0.5	PASS	ND
TOTAL DIMETHOMORPH	0.01	ppm	0.2	PASS	ND	PACLOBUTRAZOL	0.01	ppm	0.1	PASS	ND
TOTAL PERMETHRIN	0.01	ppm	0.1	PASS	ND	PHOSMET	0.01	ppm	0.1	PASS	ND
TOTAL PYRETHRINS	0.01	ppm	0.5	PASS	ND	PIPERONYL BUTOXIDE	0.01	ppm	3	PASS	ND
TOTAL SPINETORAM	0.01	ppm	0.2	PASS	ND	PRALLETHRIN	0.01	ppm	0.1	PASS	ND
TOTAL SPINOSAD	0.01	ppm	0.1	PASS	ND	PROPICONAZOLE	0.01	ppm	0.1	PASS	ND
ABAMECTIN B1A	0.01	ppm	0.1	PASS	ND	PROPOXUR	0.01	ppm	0.1	PASS	ND
ACEPHATE	0.01	ppm	0.1	PASS	ND	PYRIDABEN	0.01	ppm	0.2	PASS	ND
ACEQUINOCYL	0.01	ppm	0.1	PASS	ND	SPIROMESIFEN	0.01	ppm	0.1	PASS	ND
ACETAMIPRID	0.01	ppm	0.1	PASS	ND	SPIROTETRAMAT	0.01	ppm	0.1	PASS	ND
ALDICARB	0.01	ppm	0.1	PASS	ND	SPIROXAMINE	0.01	ppm	0.1	PASS	ND
AZOXYSTROBIN	0.01	ppm	0.1	PASS	ND	TEBUCONAZOLE	0.01	ppm	0.1	PASS	ND
BIFENAZATE	0.01	ppm	0.1	PASS	ND	THIACLOPRID	0.01	ppm	0.1	PASS	ND
BIFENTHRIN	0.01	ppm	0.1	PASS	ND	THIAMETHOXAM	0.01	ppm	0.5	PASS	ND
BOSCALID	0.01	ppm	0.1	PASS	ND	TRIFLOXYSTROBIN	0.01	ppm	0.1	PASS	ND
CARBARYL	0.01	ppm	0.5	PASS	ND	PENTACHLORONITROBENZENE (PCNB) *	0.01	PPM	0.15	PASS	ND
CARBOFURAN	0.01	ppm	0.1	PASS	ND	PARATHION-METHYL *	0.01	PPM	0.1	PASS	ND
CHLORANTRANILIPROLE	0.01	ppm	1	PASS	ND	CAPTAN *	0.07	PPM	0.7	PASS	ND
CHLORMEQUAT CHLORIDE	0.01	ppm	1	PASS	ND	CHLORDANE *	0.01	PPM	0.1	PASS	ND
CHLORPYRIFOS	0.01	ppm	0.1	PASS	ND	CHLORFENAPYR *	0.01	PPM	0.1	PASS	ND
CLOFENTEZINE	0.01	ppm	0.2	PASS	ND	CYFLUTHRIN *	0.05	PPM	0.5	PASS	ND
COUMAPHOS	0.01	ppm	0.1	PASS	ND	CYPERMETHRIN *	0.05	PPM	0.5	PASS	ND
DAMINOZIDE	0.01	ppm	0.1	PASS	ND						
DIAZINON	0.01	ppm	0.1	PASS	ND	Analyzed by:	Weight:	Extraction date:	Extracted by:		
DICHLORVOS	0.01	ppm	0.1	PASS	ND	3379, 585, 1440	0.2883g	05/11/23 12:59:18	3379,585		
DIMETHOATE	0.01	ppm	0.1	PASS	ND	Analysis Method : SOP.T.30.101.FL (Gainesville), SOP.T.30.102.FL (Davie), SOP.T.40.101.FL (Gainesville),					
ETHOPROPHOS	0.01	ppm	0.1	PASS	ND	SOP.T.40.102.FL (Davie)					
ETOFENPROX	0.01	ppm	0.1	PASS	ND	Analytical Batch : DA060043PES			Reviewed On : 05/12/23 13:14:13		
ETOXAZOLE	0.01	ppm	0.1	PASS	ND	Instrument Used : DA-LCMS-003 (PES)			Batch Date : 05/11/23 09:35:43		
FENHEXAMID	0.01	ppm	0.1	PASS	ND	Analyzed Date : 05/11/23 13:06:25					
FENOXYCARB	0.01	ppm	0.1	PASS	ND	Dilution : 250					
FENPYROXIMATE	0.01	ppm	0.1	PASS	ND	Reagent : 050823.R10; 050923.R04; 051023.R18; 051023.R47; 042623.R45; 051023.R16; 040521.11					
FIPRONIL	0.01	ppm	0.1	PASS	ND	Consumables : 6697075-02					
FLONICAMID	0.01	ppm	0.1	PASS	ND	Pipette : DA-093; DA-094; DA-219					
FLUDIOXONIL	0.01	ppm	0.1	PASS	ND	Testing for agricultural agents is performed utilizing Liquid Chromatography Triple-Quadrupole Mass Spectrometry in accordance with F.S. Rule 64ER20-39.					
HEXYTHIAZOX	0.01	ppm	0.1	PASS	ND	Analyzed by:	Weight:	Extraction date:	Extracted by:		
IMAZALIL	0.01	ppm	0.1	PASS	ND	450, 585, 1440	0.2883g	05/11/23 12:59:18	3379,585		
IMIDACLOPRID	0.01	ppm	0.4	PASS	ND	Analysis Method : SOP.T.30.151.FL (Gainesville), SOP.T.30.151A.FL (Davie), SOP.T.40.151.FL					
KRESOXIM-METHYL	0.01	ppm	0.1	PASS	ND	Analytical Batch : DA060045VOL			Reviewed On : 05/12/23 10:22:41		
MALATHION	0.01	ppm	0.2	PASS	ND	Instrument Used : DA-GCMS-001			Batch Date : 05/11/23 09:42:46		
METALAXYL	0.01	ppm	0.1	PASS	ND	Analyzed Date : 05/11/23 13:47:42					
METHIOCARB	0.01	ppm	0.1	PASS	ND	Dilution : 250					
METHOMYL	0.01	ppm	0.1	PASS	ND	Reagent : 051023.R18; 040521.11; 042723.R38; 050223.R19					
MEVINPHOS	0.01	ppm	0.1	PASS	ND	Consumables : 6697075-02; 14725401					
MYCLOBUTANIL	0.01	ppm	0.1	PASS	ND	Pipette : DA-080; DA-146; DA-218					
NALED	0.01	ppm	0.25	PASS	ND	Testing for agricultural agents is performed utilizing Gas Chromatography Triple-Quadrupole Mass Spectrometry in accordance with F.S. Rule 64ER20-39.					





# Certificate of Analysis

**PASSED**
**FLUENT**

 82 NE 26th street  
 Miami, FL, 33137, US  
 Telephone: (305) 900-6266  
 Email: Taylor.Jones@getfluent.com

Sample : DA30511003-005

Harvest/Lot ID: 1813 5961 5020 6747

 Batch# : 5092 6161 3435  
 2491

Sampled : 05/10/23

Ordered : 05/10/23

Sample Size Received : 15.5 gram

Total Amount : 920 units

Completed : 05/13/23 Expires: 05/13/24

Sample Method : SOP.T.20.010

Page 4 of 6



## Residual Solvents

**PASSED**

Solvents	LOD	Units	Action Level	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	5000	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

 Analyzed by:  
 850, 585, 1440

 Weight:  
 0.0235g

 Extraction date:  
 05/12/23 13:31:57

 Extracted by:  
 850

 Analysis Method : SOP.T.40.041.FL  
 Analytical Batch : DA060071SOL  
 Instrument Used : DA-GCMS-003  
 Analyzed Date : 05/12/23 14:05:34

 Reviewed On : 05/12/23 14:42:27  
 Batch Date : 05/11/23 14:29:09

 Dilution : 1  
 Reagent : 030420.09  
 Consumables : R2017.167; G201.167  
 Pipette : DA-309 25 uL Syringe 35028

Residual solvents analysis is performed utilizing Gas Chromatography Mass Spectrometry in accordance with with F.S. Rule 64ER20-39.



# Certificate of Analysis

**PASSED**

FLUENT

 82 NE 26th street  
 Miami, FL, 33137, US  
 Telephone: (305) 900-6266  
 Email: Taylor.Jones@getfluent.com

Sample : DA30511003-005

Harvest/Lot ID: 1813 5961 5020 6747

 Batch# : 5092 6161 3435  
 2491

Sampled : 05/10/23

Ordered : 05/10/23






Sample Size Received : 15.5 gram

Total Amount : 920 units

Completed : 05/13/23 Expires: 05/13/24

Sample Method : SOP.T.20.010

Page 5 of 6

	Microbial	PASSED		Mycotoxins	PASSED																																																																																																																																																																																																						
<table><tr><th>Analyte</th><th>LOD</th><th>Units</th><th>Result</th><th>Pass / Fail</th><th>Action Level</th></tr><tr><td>ECOLI SHIGELLA</td><td></td><td></td><td>Not Present</td><td>PASS</td><td></td></tr><tr><td>SALMONELLA SPECIFIC GENE</td><td></td><td></td><td>Not Present</td><td>PASS</td><td></td></tr><tr><td>ASPERGILLUS FLAVUS</td><td></td><td></td><td>Not Present</td><td>PASS</td><td></td></tr><tr><td>ASPERGILLUS FUMIGATUS</td><td></td><td></td><td>Not Present</td><td>PASS</td><td></td></tr><tr><td>ASPERGILLUS TERREUS</td><td></td><td></td><td>Not Present</td><td>PASS</td><td></td></tr><tr><td>ASPERGILLUS NIGER</td><td></td><td></td><td>Not Present</td><td>PASS</td><td></td></tr><tr><td>TOTAL YEAST AND MOLD</td><td>10</td><td>CFU/g</td><td>&lt;10</td><td>PASS</td><td>100000</td></tr><tr><td colspan="2">Analyzed by: 3336, 3621, 585, 1440</td><td>Weight: 1.040g</td><td colspan="2">Extraction date: 05/11/23 10:57:41</td><td>Extracted by: 3336,3390</td></tr><tr><td colspan="3">Analysis Method : SOP.T.40.056C, SOP.T.40.058.FL, SOP.T.40.209.FL</td><td colspan="3">Reviewed On : 05/12/23 10:56:39</td></tr><tr><td colspan="3">Analytical Batch : DA060033MIC</td><td colspan="3">Batch Date : 05/11/23 08:04:43</td></tr><tr><td colspan="6">Instrument Used : PathogenDx Scanner DA-111,Applied Biosystems Thermocycler DA-010,fisherbrand Isotemp Heat Block DA-020,fisherbrand Isotemp Heat Block DA-049,Fisher Scientific Isotemp Heat Block DA-021</td></tr><tr><td colspan="6">Analyzed Date : 05/11/23 11:41:29</td></tr><tr><td colspan="6">Dilution : N/A</td></tr><tr><td colspan="6">Reagent : 031023.07; 042623.R85; 092122.08</td></tr><tr><td colspan="6">Consumables : 7563002005</td></tr><tr><td colspan="6">Pipette : N/A</td></tr></table>			Analyte	LOD	Units	Result	Pass / Fail	Action Level	ECOLI SHIGELLA			Not Present	PASS		SALMONELLA SPECIFIC GENE			Not Present	PASS		ASPERGILLUS FLAVUS			Not Present	PASS		ASPERGILLUS FUMIGATUS			Not Present	PASS		ASPERGILLUS TERREUS			Not Present	PASS		ASPERGILLUS NIGER			Not Present	PASS		TOTAL YEAST AND MOLD	10	CFU/g	<10	PASS	100000	Analyzed by: 3336, 3621, 585, 1440		Weight: 1.040g	Extraction date: 05/11/23 10:57:41		Extracted by: 3336,3390	Analysis Method : SOP.T.40.056C, SOP.T.40.058.FL, SOP.T.40.209.FL			Reviewed On : 05/12/23 10:56:39			Analytical Batch : DA060033MIC			Batch Date : 05/11/23 08:04:43			Instrument Used : PathogenDx Scanner DA-111,Applied Biosystems Thermocycler DA-010,fisherbrand Isotemp Heat Block DA-020,fisherbrand Isotemp Heat Block DA-049,Fisher Scientific Isotemp Heat Block DA-021						Analyzed Date : 05/11/23 11:41:29						Dilution : N/A						Reagent : 031023.07; 042623.R85; 092122.08						Consumables : 7563002005						Pipette : N/A						<table><tr><th>Analyte</th><th>LOD</th><th>Units</th><th>Result</th><th>Pass / Fail</th><th>Action Level</th></tr><tr><td>AFLATOXIN B2</td><td>0.002</td><td>ppm</td><td>ND</td><td>PASS</td><td>0.02</td></tr><tr><td>AFLATOXIN B1</td><td>0.002</td><td>ppm</td><td>ND</td><td>PASS</td><td>0.02</td></tr><tr><td>OCHRATOXIN A</td><td>0.002</td><td>ppm</td><td>ND</td><td>PASS</td><td>0.02</td></tr><tr><td>AFLATOXIN G1</td><td>0.002</td><td>ppm</td><td>ND</td><td>PASS</td><td>0.02</td></tr><tr><td>AFLATOXIN G2</td><td>0.002</td><td>ppm</td><td>ND</td><td>PASS</td><td>0.02</td></tr><tr><td colspan="2">Analyzed by: 3379, 585, 1440</td><td>Weight: 0.2883g</td><td colspan="2">Extraction date: 05/11/23 12:59:18</td><td>Extracted by: 3379,585</td></tr><tr><td colspan="6">Analysis Method : SOP.T.30.101.FL (Gainesville), SOP.T.40.101.FL (Gainesville), SOP.T.30.102.FL (Davie), SOP.T.40.102.FL (Davie)</td></tr><tr><td colspan="3">Analytical Batch : DA060044MYC</td><td colspan="3">Reviewed On : 05/12/23 13:16:07</td></tr><tr><td colspan="3">Instrument Used : N/A</td><td colspan="3">Batch Date : 05/11/23 09:42:44</td></tr><tr><td colspan="6">Analyzed Date : 05/11/23 13:07:03</td></tr><tr><td colspan="6">Dilution : 250</td></tr><tr><td colspan="6">Reagent : 050823.R10; 050923.R04; 051023.R18; 051023.R47; 042623.R45; 051023.R16; 040521.11</td></tr><tr><td colspan="6">Consumables : 6697075-02</td></tr><tr><td colspan="6">Pipette : DA-093; DA-094; DA-219</td></tr><tr><td colspan="6">Mycotoxins testing utilizing Liquid Chromatography with Triple-Quadrupole Mass Spectrometry in accordance with F.S. Rule 64ER20-39.</td></tr></table>			Analyte	LOD	Units	Result	Pass / Fail	Action Level	AFLATOXIN B2	0.002	ppm	ND	PASS	0.02	AFLATOXIN B1	0.002	ppm	ND	PASS	0.02	OCHRATOXIN A	0.002	ppm	ND	PASS	0.02	AFLATOXIN G1	0.002	ppm	ND	PASS	0.02	AFLATOXIN G2	0.002	ppm	ND	PASS	0.02	Analyzed by: 3379, 585, 1440		Weight: 0.2883g	Extraction date: 05/11/23 12:59:18		Extracted by: 3379,585	Analysis Method : SOP.T.30.101.FL (Gainesville), SOP.T.40.101.FL (Gainesville), SOP.T.30.102.FL (Davie), SOP.T.40.102.FL (Davie)						Analytical Batch : DA060044MYC			Reviewed On : 05/12/23 13:16:07			Instrument Used : N/A			Batch Date : 05/11/23 09:42:44			Analyzed Date : 05/11/23 13:07:03						Dilution : 250						Reagent : 050823.R10; 050923.R04; 051023.R18; 051023.R47; 042623.R45; 051023.R16; 040521.11						Consumables : 6697075-02						Pipette : DA-093; DA-094; DA-219						Mycotoxins testing utilizing Liquid Chromatography with Triple-Quadrupole Mass Spectrometry in accordance with F.S. Rule 64ER20-39.					
Analyte	LOD	Units	Result	Pass / Fail	Action Level																																																																																																																																																																																																						
ECOLI SHIGELLA			Not Present	PASS																																																																																																																																																																																																							
SALMONELLA SPECIFIC GENE			Not Present	PASS																																																																																																																																																																																																							
ASPERGILLUS FLAVUS			Not Present	PASS																																																																																																																																																																																																							
ASPERGILLUS FUMIGATUS			Not Present	PASS																																																																																																																																																																																																							
ASPERGILLUS TERREUS			Not Present	PASS																																																																																																																																																																																																							
ASPERGILLUS NIGER			Not Present	PASS																																																																																																																																																																																																							
TOTAL YEAST AND MOLD	10	CFU/g	<10	PASS	100000																																																																																																																																																																																																						
Analyzed by: 3336, 3621, 585, 1440		Weight: 1.040g	Extraction date: 05/11/23 10:57:41		Extracted by: 3336,3390																																																																																																																																																																																																						
Analysis Method : SOP.T.40.056C, SOP.T.40.058.FL, SOP.T.40.209.FL			Reviewed On : 05/12/23 10:56:39																																																																																																																																																																																																								
Analytical Batch : DA060033MIC			Batch Date : 05/11/23 08:04:43																																																																																																																																																																																																								
Instrument Used : PathogenDx Scanner DA-111,Applied Biosystems Thermocycler DA-010,fisherbrand Isotemp Heat Block DA-020,fisherbrand Isotemp Heat Block DA-049,Fisher Scientific Isotemp Heat Block DA-021																																																																																																																																																																																																											
Analyzed Date : 05/11/23 11:41:29																																																																																																																																																																																																											
Dilution : N/A																																																																																																																																																																																																											
Reagent : 031023.07; 042623.R85; 092122.08																																																																																																																																																																																																											
Consumables : 7563002005																																																																																																																																																																																																											
Pipette : N/A																																																																																																																																																																																																											
Analyte	LOD	Units	Result	Pass / Fail	Action Level																																																																																																																																																																																																						
AFLATOXIN B2	0.002	ppm	ND	PASS	0.02																																																																																																																																																																																																						
AFLATOXIN B1	0.002	ppm	ND	PASS	0.02																																																																																																																																																																																																						
OCHRATOXIN A	0.002	ppm	ND	PASS	0.02																																																																																																																																																																																																						
AFLATOXIN G1	0.002	ppm	ND	PASS	0.02																																																																																																																																																																																																						
AFLATOXIN G2	0.002	ppm	ND	PASS	0.02																																																																																																																																																																																																						
Analyzed by: 3379, 585, 1440		Weight: 0.2883g	Extraction date: 05/11/23 12:59:18		Extracted by: 3379,585																																																																																																																																																																																																						
Analysis Method : SOP.T.30.101.FL (Gainesville), SOP.T.40.101.FL (Gainesville), SOP.T.30.102.FL (Davie), SOP.T.40.102.FL (Davie)																																																																																																																																																																																																											
Analytical Batch : DA060044MYC			Reviewed On : 05/12/23 13:16:07																																																																																																																																																																																																								
Instrument Used : N/A			Batch Date : 05/11/23 09:42:44																																																																																																																																																																																																								
Analyzed Date : 05/11/23 13:07:03																																																																																																																																																																																																											
Dilution : 250																																																																																																																																																																																																											
Reagent : 050823.R10; 050923.R04; 051023.R18; 051023.R47; 042623.R45; 051023.R16; 040521.11																																																																																																																																																																																																											
Consumables : 6697075-02																																																																																																																																																																																																											
Pipette : DA-093; DA-094; DA-219																																																																																																																																																																																																											
Mycotoxins testing utilizing Liquid Chromatography with Triple-Quadrupole Mass Spectrometry in accordance with F.S. Rule 64ER20-39.																																																																																																																																																																																																											
<table><tr><td></td><td>Heavy Metals</td><td>PASSED</td></tr><tr><td colspan="3"><table><tr><th>Metal</th><th>LOD</th><th>Units</th><th>Result</th><th>Pass / Fail</th><th>Action Level</th></tr><tr><td>TOTAL CONTAMINANT LOAD METALS</td><td>0.08</td><td>ppm</td><td>ND</td><td>PASS</td><td>1.1</td></tr><tr><td>ARSENIC</td><td>0.02</td><td>ppm</td><td>ND</td><td>PASS</td><td>0.2</td></tr><tr><td>CADMIUM</td><td>0.02</td><td>ppm</td><td>ND</td><td>PASS</td><td>0.2</td></tr><tr><td>MERCURY</td><td>0.02</td><td>ppm</td><td>ND</td><td>PASS</td><td>0.2</td></tr><tr><td>LEAD</td><td>0.02</td><td>ppm</td><td>ND</td><td>PASS</td><td>0.5</td></tr><tr><td colspan="2">Analyzed by: 1022, 585, 1440</td><td>Weight: 0.2887g</td><td colspan="2">Extraction date: 05/11/23 11:11:25</td><td>Extracted by: 1022,3807</td></tr><tr><td colspan="3">Analysis Method : SOP.T.30.082.FL, SOP.T.40.082.FL</td><td colspan="3">Reviewed On : 05/12/23 09:46:57</td></tr><tr><td colspan="3">Analytical Batch : DA060041HEA</td><td colspan="3">Batch Date : 05/11/23 09:26:17</td></tr><tr><td colspan="6">Instrument Used : DA-ICPMS-003</td></tr><tr><td colspan="6">Analyzed Date : 05/11/23 17:43:25</td></tr><tr><td colspan="6">Dilution : 50</td></tr><tr><td colspan="6">Reagent : 050923.R24; 042623.R82; 050523.R44; 051123.R01; 050523.R42; 050523.R43; 050423.R32; 050923.01; 042523.R20</td></tr><tr><td colspan="6">Consumables : 179436; 210508058; 12628-309CC-309</td></tr><tr><td colspan="6">Pipette : DA-061; DA-191; DA-216</td></tr><tr><td colspan="6">Heavy Metals analysis is performed using Inductively Coupled Plasma Mass Spectrometry in accordance with F.S. Rule 64ER20-39.</td></tr></table></td></tr></table>							Heavy Metals	PASSED	<table><tr><th>Metal</th><th>LOD</th><th>Units</th><th>Result</th><th>Pass / Fail</th><th>Action Level</th></tr><tr><td>TOTAL CONTAMINANT LOAD METALS</td><td>0.08</td><td>ppm</td><td>ND</td><td>PASS</td><td>1.1</td></tr><tr><td>ARSENIC</td><td>0.02</td><td>ppm</td><td>ND</td><td>PASS</td><td>0.2</td></tr><tr><td>CADMIUM</td><td>0.02</td><td>ppm</td><td>ND</td><td>PASS</td><td>0.2</td></tr><tr><td>MERCURY</td><td>0.02</td><td>ppm</td><td>ND</td><td>PASS</td><td>0.2</td></tr><tr><td>LEAD</td><td>0.02</td><td>ppm</td><td>ND</td><td>PASS</td><td>0.5</td></tr><tr><td colspan="2">Analyzed by: 1022, 585, 1440</td><td>Weight: 0.2887g</td><td colspan="2">Extraction date: 05/11/23 11:11:25</td><td>Extracted by: 1022,3807</td></tr><tr><td colspan="3">Analysis Method : SOP.T.30.082.FL, SOP.T.40.082.FL</td><td colspan="3">Reviewed On : 05/12/23 09:46:57</td></tr><tr><td colspan="3">Analytical Batch : DA060041HEA</td><td colspan="3">Batch Date : 05/11/23 09:26:17</td></tr><tr><td colspan="6">Instrument Used : DA-ICPMS-003</td></tr><tr><td colspan="6">Analyzed Date : 05/11/23 17:43:25</td></tr><tr><td colspan="6">Dilution : 50</td></tr><tr><td colspan="6">Reagent : 050923.R24; 042623.R82; 050523.R44; 051123.R01; 050523.R42; 050523.R43; 050423.R32; 050923.01; 042523.R20</td></tr><tr><td colspan="6">Consumables : 179436; 210508058; 12628-309CC-309</td></tr><tr><td colspan="6">Pipette : DA-061; DA-191; DA-216</td></tr><tr><td colspan="6">Heavy Metals analysis is performed using Inductively Coupled Plasma Mass Spectrometry in accordance with F.S. Rule 64ER20-39.</td></tr></table>			Metal	LOD	Units	Result	Pass / Fail	Action Level	TOTAL CONTAMINANT LOAD METALS	0.08	ppm	ND	PASS	1.1	ARSENIC	0.02	ppm	ND	PASS	0.2	CADMIUM	0.02	ppm	ND	PASS	0.2	MERCURY	0.02	ppm	ND	PASS	0.2	LEAD	0.02	ppm	ND	PASS	0.5	Analyzed by: 1022, 585, 1440		Weight: 0.2887g	Extraction date: 05/11/23 11:11:25		Extracted by: 1022,3807	Analysis Method : SOP.T.30.082.FL, SOP.T.40.082.FL			Reviewed On : 05/12/23 09:46:57			Analytical Batch : DA060041HEA			Batch Date : 05/11/23 09:26:17			Instrument Used : DA-ICPMS-003						Analyzed Date : 05/11/23 17:43:25						Dilution : 50						Reagent : 050923.R24; 042623.R82; 050523.R44; 051123.R01; 050523.R42; 050523.R43; 050423.R32; 050923.01; 042523.R20						Consumables : 179436; 210508058; 12628-309CC-309						Pipette : DA-061; DA-191; DA-216						Heavy Metals analysis is performed using Inductively Coupled Plasma Mass Spectrometry in accordance with F.S. Rule 64ER20-39.																																																																																																					
	Heavy Metals	PASSED																																																																																																																																																																																																									
<table><tr><th>Metal</th><th>LOD</th><th>Units</th><th>Result</th><th>Pass / Fail</th><th>Action Level</th></tr><tr><td>TOTAL CONTAMINANT LOAD METALS</td><td>0.08</td><td>ppm</td><td>ND</td><td>PASS</td><td>1.1</td></tr><tr><td>ARSENIC</td><td>0.02</td><td>ppm</td><td>ND</td><td>PASS</td><td>0.2</td></tr><tr><td>CADMIUM</td><td>0.02</td><td>ppm</td><td>ND</td><td>PASS</td><td>0.2</td></tr><tr><td>MERCURY</td><td>0.02</td><td>ppm</td><td>ND</td><td>PASS</td><td>0.2</td></tr><tr><td>LEAD</td><td>0.02</td><td>ppm</td><td>ND</td><td>PASS</td><td>0.5</td></tr><tr><td colspan="2">Analyzed by: 1022, 585, 1440</td><td>Weight: 0.2887g</td><td colspan="2">Extraction date: 05/11/23 11:11:25</td><td>Extracted by: 1022,3807</td></tr><tr><td colspan="3">Analysis Method : SOP.T.30.082.FL, SOP.T.40.082.FL</td><td colspan="3">Reviewed On : 05/12/23 09:46:57</td></tr><tr><td colspan="3">Analytical Batch : DA060041HEA</td><td colspan="3">Batch Date : 05/11/23 09:26:17</td></tr><tr><td colspan="6">Instrument Used : DA-ICPMS-003</td></tr><tr><td colspan="6">Analyzed Date : 05/11/23 17:43:25</td></tr><tr><td colspan="6">Dilution : 50</td></tr><tr><td colspan="6">Reagent : 050923.R24; 042623.R82; 050523.R44; 051123.R01; 050523.R42; 050523.R43; 050423.R32; 050923.01; 042523.R20</td></tr><tr><td colspan="6">Consumables : 179436; 210508058; 12628-309CC-309</td></tr><tr><td colspan="6">Pipette : DA-061; DA-191; DA-216</td></tr><tr><td colspan="6">Heavy Metals analysis is performed using Inductively Coupled Plasma Mass Spectrometry in accordance with F.S. Rule 64ER20-39.</td></tr></table>			Metal	LOD	Units	Result	Pass / Fail	Action Level	TOTAL CONTAMINANT LOAD METALS	0.08	ppm	ND	PASS	1.1	ARSENIC	0.02	ppm	ND	PASS	0.2	CADMIUM	0.02	ppm	ND	PASS	0.2	MERCURY	0.02	ppm	ND	PASS	0.2	LEAD	0.02	ppm	ND	PASS	0.5	Analyzed by: 1022, 585, 1440		Weight: 0.2887g	Extraction date: 05/11/23 11:11:25		Extracted by: 1022,3807	Analysis Method : SOP.T.30.082.FL, SOP.T.40.082.FL			Reviewed On : 05/12/23 09:46:57			Analytical Batch : DA060041HEA			Batch Date : 05/11/23 09:26:17			Instrument Used : DA-ICPMS-003						Analyzed Date : 05/11/23 17:43:25						Dilution : 50						Reagent : 050923.R24; 042623.R82; 050523.R44; 051123.R01; 050523.R42; 050523.R43; 050423.R32; 050923.01; 042523.R20						Consumables : 179436; 210508058; 12628-309CC-309						Pipette : DA-061; DA-191; DA-216						Heavy Metals analysis is performed using Inductively Coupled Plasma Mass Spectrometry in accordance with F.S. Rule 64ER20-39.																																																																																																														
Metal	LOD	Units	Result	Pass / Fail	Action Level																																																																																																																																																																																																						
TOTAL CONTAMINANT LOAD METALS	0.08	ppm	ND	PASS	1.1																																																																																																																																																																																																						
ARSENIC	0.02	ppm	ND	PASS	0.2																																																																																																																																																																																																						
CADMIUM	0.02	ppm	ND	PASS	0.2																																																																																																																																																																																																						
MERCURY	0.02	ppm	ND	PASS	0.2																																																																																																																																																																																																						
LEAD	0.02	ppm	ND	PASS	0.5																																																																																																																																																																																																						
Analyzed by: 1022, 585, 1440		Weight: 0.2887g	Extraction date: 05/11/23 11:11:25		Extracted by: 1022,3807																																																																																																																																																																																																						
Analysis Method : SOP.T.30.082.FL, SOP.T.40.082.FL			Reviewed On : 05/12/23 09:46:57																																																																																																																																																																																																								
Analytical Batch : DA060041HEA			Batch Date : 05/11/23 09:26:17																																																																																																																																																																																																								
Instrument Used : DA-ICPMS-003																																																																																																																																																																																																											
Analyzed Date : 05/11/23 17:43:25																																																																																																																																																																																																											
Dilution : 50																																																																																																																																																																																																											
Reagent : 050923.R24; 042623.R82; 050523.R44; 051123.R01; 050523.R42; 050523.R43; 050423.R32; 050923.01; 042523.R20																																																																																																																																																																																																											
Consumables : 179436; 210508058; 12628-309CC-309																																																																																																																																																																																																											
Pipette : DA-061; DA-191; DA-216																																																																																																																																																																																																											
Heavy Metals analysis is performed using Inductively Coupled Plasma Mass Spectrometry in accordance with F.S. Rule 64ER20-39.																																																																																																																																																																																																											



# Certificate of Analysis

**PASSED**
**FLUENT**

 82 NE 26th street  
 Miami, FL, 33137, US  
 Telephone: (305) 900-6266  
 Email: Taylor.Jones@getfluent.com

Sample : DA30511003-005

Harvest/Lot ID: 1813 5961 5020 6747

 Batch# : 5092 6161 3435  
 2491

Sampled : 05/10/23

Ordered : 05/10/23

Sample Size Received : 15.5 gram

Total Amount : 920 units

Completed : 05/13/23 Expires: 05/13/24

Sample Method : SOP.T.20.010

Page 6 of 6


**Filth/Foreign Material**
**PASSED**

Analyte	LOD	Units	Result	P/F	Action Level
Filth and Foreign Material	0.1	%	ND	PASS	1

Analyzed by: 1879, 1440	Weight: NA	Extraction date: N/A	Extracted by: N/A
----------------------------	---------------	-------------------------	----------------------

Analysis Method : SOP.T.40.090

Analytical Batch : DA060141FIL

Instrument Used : Filth/Foreign Material Microscope

Analyzed Date : 05/12/23 23:34:12

Reviewed On : 05/12/23 23:44:19

Batch Date : 05/12/23 18:44:58

Dilution : N/A

Reagent : N/A

Consumables : N/A

Pipette : N/A

Filth and foreign material inspection is performed by visual inspection utilizing naked eye and microscope technologies in accordance with F.S. Rule 64ER20-39.


**Water Activity**
**PASSED**

Analyte	LOD	Units	Result	P/F	Action Level
Water Activity	0.01	aw	0.457	PASS	0.85

Analyzed by: 2926, 585, 1440	Weight: 0.209g	Extraction date: 05/11/23 14:51:25	Extracted by: 2926
---------------------------------	-------------------	---------------------------------------	-----------------------

Analysis Method : SOP.T.40.019

Analytical Batch : DA059993WAT

Instrument Used : DA-028 Rotronic Hygropalm

Analyzed Date : 05/10/23 14:33:43

Reviewed On : 05/11/23 15:35:52

Batch Date : 05/10/23 10:19:49

Dilution : N/A

Reagent : 100522.09

Consumables : PS-14

Pipette : N/A

Water Activity is performed using a Rotronic HygroPalm HP 23-AW in accordance with F.S. Rule 64ER20-39.