



Certificate of Analysis

Sample: CA01001002-004

Harvest/Lot ID: N/A

Seed to Sale #n/a

Batch Date : 10/01/20

Batch#: NS1007270

Sample Size Received: 60 gram

Retail Product Size: 60

Ordered : 10/01/20

Sampled : 10/01/20

Completed: 10/12/20 Expires: 10/12/21

Sampling Method: SOP Client Method

PASSED

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Oct 12, 2020 | Azure Botanics

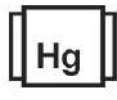
PO BOX 643146,
Vero Beach, FL, 32960



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
0.070%

THC/Container : 42.000 mg



Total CBD
1.570%

CBD/Container : 942.000 mg



Total Cannabinoids
1.822%

Total Cannabinoids/Container : 1093.200 mg

CBDV	CBD	CBG	THCV	CBDA	CBGA	CBN	D9-THC	D8-THC	CBC	THCA-A
0.030%	1.570%	0.094%	ND	ND	ND	ND	0.070%	ND	0.058%	ND
0.300 mg/g	15.700 mg/g	0.940 mg/g	ND	ND	ND	ND	0.700 mg/g	ND	0.580 mg/g	ND
LOD 0.0001 %	0.0001 %	0.0001 %	0.0001 %	0.0001 %	0.0001 %	0.0001 %	0.0001 %	0.0001 %	0.0001 %	0.0001 %

Filtration PASSED

Analyzed By: 1048 Weight: 1g Extraction date: NA LOD(ppm): NA Extracted By: NA

Batch Date : 10/01/20 11:32:48

Analysis Method -SOP.T.40.013
Analytical Batch -CA000348FIL
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.

Cannabinoid Profile Test

Analyzed by: 1068 Weight: 1g Extraction date: NA Extracted By: NA
Analysis Method -SOP.T.40.020, SOP.T.30.050 Instrument Used: HPLC-3Dplus(MO-HPLC-01) Running On:
Analytical Batch -CA000373POT Batch Date : 10/02/20 15:23:30

Reagent Dilution Consums. ID

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 plant sample are reported on a dry weight basis.

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Haifei Yin
Lab Director

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



Signature

10/12/2020

Signed On



Certificate of Analysis

PASSED

Azure Botanics

PO BOX 643146,
Vero Beach, FL, 32960
Telephone: 772-388-2040
Email: zcc@irene.net

Sample : CA01001002-004

Harvest/LOT ID: N/A

Batch# : NS1007270

Sampled : 10/01/20

Ordered : 10/01/20

Sample Size Received : 60 gram

Completed : 10/12/20 Expires: 10/12/21

Sample Method : SOP Client Method


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Pesticides

PASSED

Pesticides	LOD	Units	Action Level	Result	Pesticides	LOD	Units	Action Level	Result
ETOXAZOLE	0.00983	ug/g	0.1	ND	PROPICONAZOLE	0.00747	ug/g	0.1	ND
DAMINOZIDE	0.01314	ug/g	0.1	ND	CLOFENTEZINE	0.0108	ug/g	0.1	ND
ACEPHATE	0.02402	ug/g	0.1	ND	SPINETORAM	0.00685	ug/g	0.1	ND
ACEQUINOCYL	0.0288	ug/g	0.1	ND	TRIFLOXYSTROBIN	0.00643	ug/g	0.1	ND
BIFENTHRIN	0.00868	ug/g	3	ND	PRALLETHRIN	0.1376	ug/g	0.1	ND
OXAMYL	0.01848	ug/g	0.5	ND	PIPERONYL BUTOXIDE	0.00766	ug/g	3	ND
SPINOSADS	0.00686	ug/g	0.1	ND	CHLORPYRIFOS	0.01599	ug/g	0.1	ND
FLONICAMID	0.03074	ug/g	0.1	ND	HEXYTHIAZOX	0.00556	ug/g	0.1	ND
THIAMETHOXAM	0.01555	ug/g	5	ND	ETOXAZOLE	0.00614	ug/g	0.1	ND
PYRETHRINS	0.00321	ug/g	0.5	ND	SPIROMESIFEN	0.00628	ug/g	0.1	ND
PERMETHRINS	0.01127	ug/g	0.5	ND	CYPERMETHRIN	0.01767	ug/g	1	ND
METHOMYL	0.024	ug/g	1	ND	CYFLUTHRIN	0.1	ug/g	2	ND
IMIDACLOPRID	0.01533	ug/g	5	ND	FENPYROXIMATE	0.00812	ug/g	0.1	ND
ACETAMIPRID	0.01333	ug/g	0.1	ND	PYRIDABEN	0.00716	ug/g	0.1	ND
MEVINPHOS	0.02454	ug/g	0.1	ND	ABAMECTIN B1A	0.01931	ug/g	0.1	ND
DIMETHOATE	0.03074	ug/g	0.1	ND	PCNB *	0.01873	ug/g	0.1	ND
THIACLOPRID	0.01922	ug/g	0.1	ND	PARATHION-METHYL *	0.01356	ug/g	0.1	ND
IMAZALIL	0.00737	ug/g	0.1	ND	CAPTAN *	0.03668	ug/g	0.7	ND
ALDICARB	0.03032	ug/g	0.1	ND	CHLORDANE *	0.02115	ug/g	0.1	ND
PROPOXUR	0.02322	ug/g	0.1	ND	CHLORFENAPYR *	0.01981	ug/g	0.1	ND
DICHLORVOS	0.02786	ug/g	0.1	ND					
CARBOFURAN	0.02749	ug/g	0.1	ND					
CARBARYL	0.02807	ug/g	0.5	ND					
NALED	0.02084	ug/g	0.1	ND					
CHLORANTRANILIPROLE	0.00782	ug/g	10	ND					
METALAXYL	0.00899	ug/g	2	ND					
PHOSMET	0.02488	ug/g	0.1	ND					
AZOXYSTROBIN	0.01375	ug/g	0.1	ND					
FLUDIOXONIL	0.01198	ug/g	0.1	ND					
SPIROXAMINE	0.00695	ug/g	0.1	ND					
BOSCALID	0.01484	ug/g	0.1	ND					
METHIOCARB	0.01778	ug/g	0.1	ND					
PACLOBUTRAZOL	0.01196	ug/g	0.1	ND					
MALATHION	0.02192	ug/g	0.5	ND					
DIMETHOMORPH	0.02083	ug/g	2	ND					
MYCLOBUTANIL	0.01115	ug/g	0.1	ND					
BIFENAZATE	0.0139	ug/g	0.1	ND					
FENHEXAMID	0.01206	ug/g	0.1	ND					
SPIROTETRAMAT	0.01014	ug/g	0.1	ND					
FIPRONIL	0.00839	ug/g	0.1	ND					
ETHOPROPHOS	0.02501	ug/g	0.1	ND					
FENOXYCARB	0.01674	ug/g	0.1	ND					
KRESOXIM-METHYL	0.01591	ug/g	0.1	ND					
TEBUCONAZOLE	0.0078	ug/g	0.1	ND					
COUMAPHOS	0.02068	ug/g	0.1	ND					
DIAZINON	0.02294	ug/g	0.1	ND					


Pesticides
PASSED

Analyzed by 1051 , 1051	Weight 0.532g	Extraction date NA	Extracted By NA ,
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Analysis Method - SOP.T.30.060, SOP.T.40.060 ,
Analytical Batch - CA000352PES , CA000393VOL
Instrument Used : MO-LCMS-001_DER , GCMS-TQ8050_DER(MO-GCMSTQ-01)
Running On :
Batch Date : 10/01/20 17:16:31

Reagent	Dilution	Consums. ID
041620.05 082120.03 093020.001 092920.002	1	66022-060 VAV-09-1020 9299.077 SFN-BX-1025 76124-646

Pesticide screen is performed using LC-MS which can screen down to below single digit ppb concentrations for regulated Pesticides. Currently we analyze for 57 Pesticides. (Method: SOP.T.30.060 Sample Preparation for Pesticides Analysis via LCMSMS and SOP.T40.060 Procedure for Pesticide Quantification Using LCMS). *

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Haifei Yin
Lab Director
State License # NA
ISO Accreditation #
L18-47-1



Signature

10/12/2020
Signed On



Certificate of Analysis

PASSED

Azure Botanics

PO BOX 643146,
Vero Beach, FL, 32960

Telephone: 772-388-2040

Email: zcc@irene.net

Sample : CA01001002-004

Harvest/LOT ID: N/A

Batch# : NS1007270

Sampled : 10/01/20

Ordered : 10/01/20

Sample Size Received : 60 gram

Completed : 10/12/20 Expires: 10/12/21


Sample Method : SOP Client Method

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Residual Solvents

PASSED



Residual Solvents

PASSED

Solvent	LOD	Units	Action Level (PPM)	Pass/Fail	Result
1,2- DICHLOROETHANE	0.1119	ug/g	1	PASS	ND
ACETONE	22.8676	ug/g	5000	PASS	ND
ACETONITRILE	30.1498	ug/g	410	PASS	ND
BENZENE	0.0897	ug/g	1	PASS	ND
BUTANE	45.9810	ug/g	5000	PASS	ND
CHLOROFORM	0.0760	ug/g	1	PASS	ND
ETHANOL	30.1944	ug/g		PASS	ND
ETHYL ACETATE	36.7999	ug/g	5000	PASS	ND
ETHYL ETHER	41.0580	ug/g	5000	PASS	ND
ETHYLENE OXIDE	0.1547	ug/g	1	PASS	ND
HEPTANE	46.7093	ug/g	5000	PASS	ND
ISOPROPANOL	32.8178	ug/g		PASS	ND
METHANOL	27.6548	ug/g	3000	PASS	ND
METHYLENE CHLORIDE	0.0585	ug/g	1	PASS	ND
N-HEXANE	47.3415	ug/g	290	PASS	ND
PENTANE	45.6067	ug/g	500	PASS	ND
PROPANE	49.9883	ug/g	500	PASS	ND
TOLUENE	44.1866	ug/g	890	PASS	ND
TRICHLOROETHYLENE	0.2173	PPM	1	PASS	ND
XYLENES*	48.6566	PPM	2170	PASS	ND

Analyzed by 1050 Weight 0.266g Extraction date NA Extracted By NA

Analysis Method -SOP.T.40.032
 Analytical Batch -CA000366SOL
 Instrument Used : Shimadzu QP2020 HS-GC-MS (EID: 0307)
 Running On : 10/02/20 11:29:53
 Batch Date : 10/02/20 11:07:45

Reagent	Dilution	Consums. ID
082720.07		C4020-3A
082720.09		502158
081020.R21		220-97331-51
011420.01		

Residual solvents screening is performed using GC-MS which can detect below single digit ppm concentrations. Currently we analyze for 33 Residual solvents. (Method: SOP.T.30.042 Residual Solvents Analysis via GC-MS).

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Lab Director

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Signature

10/12/2020

Signed On



Certificate of Analysis

PASSED

Azure Botanics

PO BOX 643146,
Vero Beach, FL, 32960

Telephone: 772-388-2040

Email: zcc@irene.net

Sample : CA01001002-004

Harvest/LOT ID: N/A

Batch#: NS1007270

Sampled : 10/01/20

Ordered : 10/01/20

Sample Size Received : 60 gram

Completed : 10/12/20 Expires: 10/12/21

Sample Method : SOP Client Method

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Microbials

PASSED



Mycotoxins

PASSED

Analyte	LOD	Result	Analyte	LOD	Units	Result	Action Level (PPB)
ASPERGILLUS FLAVUS		not present in 1 gram.	AFLATOXIN_G2	1	ug/kg	ND	20
ESCHERICHIA_COLI_SPECIFIC_GENE		not present in 1 gram.	AFLATOXIN_G1	0.5	ug/kg	ND	20
ESCHERICHIA_COLI_SHIGELLA_SPP		not present in 1 gram.	AFLATOXIN_B2	0.5	ug/kg	ND	20
SALMONELLA_SPECIFIC_GENE		not present in 1 gram.	AFLATOXIN_B1	0.5	ug/kg	ND	20
ASPERGILLUS_FUMIGATUS		not present in 1 gram.	OCHRATOXIN_A	5	ug/kg	ND	20
ASPERGILLUS_NIGER		not present in 1 gram.	TOTAL AFLATOXINS (SUM OF B1, B2, G1 & G2)	4	ug/kg	ND	20
ASPERGILLUS_TERREUS		not present in 1 gram.					

Analysis Method -SOP.T.40.043
 Analytical Batch -CA000403MIC Batch Date : 10/09/20
 Instrument Used : Sensovation SensoSpot Fluorescence
 Running On :

Analyzed by	Weight	Extraction date	Extracted By
1069	1.0422g	NA	NA

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.

Analysis Method -SOP.T.30.060, SOP.T.40.060
 Analytical Batch -CA000353MYC | Reviewed On - 10/02/20 12:51:35
 Instrument Used : MO-LCMS-001_DER
 Running On : 10/02/20 12:41:41
 Batch Date : 10/01/20 17:44:20

Analyzed by	Weight	Extraction date	Extracted By
1051	1g	NA	NA

Aflatoxins B1, B2, G1, G2, and Ochratoxins A testing using LC-MS. (Method: SOP.T.30.060 for Sample Preparation and SOP.T40.060 Procedure for Mycotoxins Quantification Using LCMS. LOQ 1.0 ppb). Total Aflatoxins (Aflatoxin B1, B2, G1, G2) must be <20µg/Kg. Ochratoxins must be <20µg/Kg.



Heavy Metals

PASSED

Reagent	Reagent
012420.01	030320.08
010220.01	091520.R03
030220.11	
091520.R02	
120219.01	
020320.02	

Metal	LOD	Unit	Result	Action Level (PPM)
ARSENIC	0.012	µg/g	0.037	0.2
CADMIUM	0.012	µg/g	<0.037	0.2
LEAD	0.016	µg/g	0.218	0.5
MERCURY	0.018	µg/g	ND	0.1

Analyzed by	Weight	Extraction date	Extracted By
1050	0.515g	10/01/20 02:10:45	1050

Analysis Method -SOP.T.40.050, SOP.T.30.052
 Analytical Batch -CA000350HEA
 Instrument Used : ICPMS-2030(MO-ICPMS-01)
 Running On :
 Batch Date : 10/01/20 12:47:47

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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