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Formerly C4 Labs

Certificate of Analysis

AZDHS Certification # 00000005LCMI00301434

PJLA
Accreditation No.: 96186
Certificate No.: L22-417-R1

CMS Ventures - GSI
13454 N. Black Canyon Hwy
Phoenix, AZ 85029
14804570860
Lic#: 00000014ESNA15249640

FINAL

Sample: S312011-04
CC ID#: 2312C4L0002.3797
Lot#: N/A
Batch#: 1114F2WST
Batch Size: N/A

Sample Name: Winter Sunset
Strain Name: Winter Sunset
Matrix: Flower
Amount Received: 11.2153 g

Sample Collected: 12/5/2023 10:00
Sample Received: 12/06/2023 13:01
Report Created: 12/13/2023 18:34

SAFETY

Microbials	Residual Solvents	Mycotoxins	Pesticides
PASS	NOT TESTED	NOT TESTED	PASS

Metals
PASS

Terpenes

1.14%
Total Terpenes (Q3)

Cannabinoid Results

32.3%	28.5%	<LOQ	RATIO
Sum of Cannabinoids (Q3)	Total THC	Total CBD	1 : 0 THC CBD

Total THC= THCA * 0.877 + d9-THC
Total CBD= CBDA * 0.877 + CBD

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Cannabinoids by HPLC-DAD - Compliance

Date Analyzed: 12/08/2023 Analyst Initials: DRF SOP: C4-SOP-CHEM-003

Analyte	LOQ	Result	Result	Qualifier
	%	%	mg/g	
THCA	0.610	30.9	309	D1
d9-THC	0.610	1.49	14.9	D1
d8-THC	0.610	<LOQ	< LOQ	D1
CBDA	0.610	<LOQ	< LOQ	D1
CBD	0.610	<LOQ	< LOQ	D1
CBG	0.610	<LOQ	< LOQ	D1
CBN	0.610	<LOQ	< LOQ	D1
CBC	0.610	<LOQ	< LOQ	D1
Sum of Cannabinoids	0.610	32.3	323	D1, Q3
Total THC	0.610	28.5	285	D1
Total CBD	0.610	<LOQ	< LOQ	D1
Total Cannabinoids	0.610	28.5	285	D1, Q3

Total THC= THCA * 0.877 + d9-THC. Total CBD= CBDA * 0.877 + CBD.

Terpenes by GC-FID- Noncompliance

Date Analyzed: 12/11/2023 Analyst Initials: NSS SOP: C4-SOP-CHEM-012

Analyte	LOQ	Result	Result	Qualifier
	%	%	mg/g	
beta-Caryophyllene	0.029	0.271	2.71	Q3
Limonene	0.029	0.211	2.11	Q3
beta-Myrcene	0.029	0.172	1.72	Q3
Linalool	0.029	0.135	1.35	Q3
alpha-Humulene	0.029	0.088	0.881	Q3
alpha-Bisabolol	0.029	0.086	0.858	Q3
beta-Pinene	0.029	0.078	0.784	Q3
alpha-Pinene	0.029	0.052	0.519	Q3
cis-Nerolidol	0.029	0.051	0.507	Q3
p-Cymene	0.029	<LOQ	< LOQ	Q3
gamma-Terpinene	0.029	<LOQ	< LOQ	Q3
Caryophyllene Oxide	0.029	<LOQ	< LOQ	Q3
Eucalyptol	0.029	<LOQ	< LOQ	Q3
Guaiol	0.029	<LOQ	< LOQ	Q3
Geraniol	0.029	<LOQ	< LOQ	Q3
Isopulegol	0.029	<LOQ	< LOQ	Q3
Terpinolene	0.029	<LOQ	< LOQ	Q3
Ocimene	0.029	<LOQ	< LOQ	Q3
alpha-Terpinene	0.029	<LOQ	< LOQ	Q3
3-Carene	0.029	<LOQ	< LOQ	Q3
Camphene	0.029	<LOQ	< LOQ	Q3
Total Terpenes		**1.144**	**11.44**	

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Pesticides by LC/MS/MS - Compliance

Pass

Date Analyzed: 12/12/2023 Analyst Initials: JCB SOP: C4-SOP-CHEM-006

Analyte	LOQ	Limit	Result	Qualifier	Status
	ppm	ppm	ppm		
Abamectin	0.122	0.5	<LOQ	V1	Pass
Acephate	0.101	0.4	<LOQ		Pass
Acetamiprid	0.051	0.2	<LOQ	V1	Pass
Aldicarb	0.101	0.4	<LOQ		Pass
Azoxystrobin	0.051	0.2	<LOQ	V1	Pass
Bifenazate	0.051	0.2	<LOQ	L1, V1	Pass
Bifenthrin	0.051	0.2	<LOQ	V1	Pass
Boscalid	0.101	0.4	<LOQ	V1	Pass
Carbaryl	0.051	0.2	<LOQ		Pass
Carbofuran	0.051	0.2	<LOQ	L1, V1	Pass
Chlorantraniliprole	0.051	0.2	<LOQ	L1	Pass
Chlorfenapyr	0.507	1.0	<LOQ	V1	Pass
Chlorpyrifos	0.051	0.2	<LOQ	L1, V1	Pass
Clofentezine	0.051	0.2	<LOQ		Pass
Cyfluthrin	0.507	1.0	<LOQ	V1	Pass
Cypermethrin	0.254	1.0	<LOQ	V1	Pass
Daminozide	0.507	1.0	<LOQ	L1, V1	Pass
Diazinon	0.051	0.2	<LOQ	L1	Pass
Dichlorvos	0.051	0.1	<LOQ	V1	Pass
Dimethoate	0.051	0.2	<LOQ	V1	Pass
Ethoprophos	0.051	0.2	<LOQ	L1, V1	Pass
Etofenprox	0.101	0.4	<LOQ	V1	Pass
Etoxazole	0.051	0.2	<LOQ		Pass
Fenoxycarb	0.051	0.2	<LOQ	L1, V1	Pass
Fenpyroximate	0.101	0.4	<LOQ	V1	Pass
Fipronil	0.101	0.4	<LOQ	L1, V1	Pass
Flonicamid	0.254	1.0	<LOQ	L1, V1	Pass
Fludioxonil	0.101	0.4	<LOQ	V1	Pass
Hexythiazox	0.254	1.0	<LOQ	L1, V1	Pass

Analyte	LOQ	Limit	Result	Qualifier	Status
	ppm	ppm	ppm		
Imazalil	0.051	0.2	<LOQ	V1	Pass
Imidacloprid	0.101	0.4	<LOQ	L1, V1	Pass
Kresoxim-methyl	0.101	0.4	<LOQ	V1	Pass
Malathion	0.051	0.2	<LOQ		Pass
Metalaxyl	0.051	0.2	<LOQ	L1, V1	Pass
Methiocarb	0.051	0.2	<LOQ	L1	Pass
Methomyl	0.101	0.4	<LOQ	V1	Pass
Myclobutanil	0.051	0.2	<LOQ	L1, V1	Pass
Naled	0.127	0.5	<LOQ		Pass
Oxamyl	0.254	1.0	<LOQ	L1, V1	Pass
Paclobutrazol	0.101	0.4	<LOQ	L1	Pass
Permethrins	0.051	0.2	<LOQ		Pass
Phosmet	0.051	0.2	<LOQ		Pass
Piperonyl butoxide	0.507	2.0	<LOQ	V1	Pass
Prallethrin	0.051	0.2	<LOQ	L1	Pass
Propiconazole	0.101	0.4	<LOQ	L1	Pass
Propoxur	0.051	0.2	<LOQ	V1	Pass
Pyrethrins	0.163	1.0	<LOQ	I1, L1, V1	Pass
Pyridaben	0.051	0.2	<LOQ	V1	Pass
Spinosad	0.051	0.2	<LOQ	I1, V1	Pass
Spiromesifen	0.051	0.2	<LOQ	V1	Pass
Spirotetramat	0.051	0.2	<LOQ	L1, V1	Pass
Spiroxamine	0.101	0.4	<LOQ		Pass
Tebuconazole	0.101	0.4	<LOQ	L1, V1	Pass
Thiacloprid	0.051	0.2	<LOQ	V1	Pass
Thiamethoxam	0.051	0.2	<LOQ		Pass
Trifloxystrobin	0.051	0.2	<LOQ		Pass

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Metals by ICP-MS - Compliance

Pass

Date Analyzed: 12/08/2023 Analyst Initials: RSS SOP: C4-SOP-CHEM-008

Analyte	LOQ	Limit	Result	Qualifier	Status
	ppm	ppm	ppm		
Arsenic	0.101	0.4	<LOQ		Pass
Cadmium	0.101	0.4	<LOQ		Pass
Lead	0.403	1.0	<LOQ		Pass
Mercury	0.040	0.2	<LOQ		Pass

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Microbials

Pass

E. coli by 3M Petrifilm- Compliance

Date Analyzed: 12/12/2023 Analyst Initials: DHV SOP: C4-SOP-MICRO-010

Analyte	LOQ	Limit	Result	Qualifier	Status
	CFU/g	CFU/g	CFU/g		
E. coli	10	100	<10		Pass

Aspergillus and Salmonella by qPCR - Compliance

Date Analyzed: 12/12/2023 Analyst Initials: DHV SOP: C4-SOP-MICRO-012

Analyte	Result	Qualifier	Status
	in one gram		
Salmonella spp.	Not Detected		Pass
Aspergillus	Not Detected		Pass

Aspergillus includes species flavus, fumigatus, niger, and terreus. Salmonella and Aspergillus by Medicinal Genomics.

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Notes and Definitions

Item	Definition
D1	LOQ and sample results were adjusted to reflect sample dilution.
I1	Interference. Relative intensity of a characteristic ion in the sample analyte exceeded 30% of the relative intensity in the reference spectrum.
L1	The percent recovery of the LCS was above the control limit for the test but analyte was not detected above the Action Limit in Table 3.1.
Q3	Testing result is for informational purposes only and cannot be used to satisfy dispensary testing requirements in R9-17-317.01(A) or labeling requirements in R9-17-317. Testing result is not accredited under ISO 17025.
V1	CCV recovery exceeded control limits but the sample analyte concentration was below maximum allowable concentrations in table 3.1
< LOQ	Results below the Limit of Quantification.
Limit	Maximum allowable concentration as defined by Table 3.1 in Arizona Administrative code (A.A.C.) Title 9, Chapter 17
CFU/g	Colony forming units per gram
ppm	Parts per million
ppb	Parts per billion
NT	Not Tested

Sum of Cannabinoids = THCA + d9-THC + CBDA + CBD + d8-THC + CBG + CBN + CBC

Total Cannabinoids = Total THC + Total CBD + d8-THC + CBG + CBN + CBC

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