

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

Sample: S310047-01
CC ID#: 2310C4L0036.3194
Lot#: N/A
Batch#: 0715BLNEB
Batch Size: N/A

FINAL

Sample Name: Nebula OG
Strain Name: Nebula OG
Matrix: Flower
Amount Received: 11.7087 g

Sample Collected: 10/10/2023 7:30
Sample Received: 10/10/2023 14:49
Report Created: 10/18/2023 17:02

SAFETY



Microbials PASS	Residual Solvents NOT TESTED	Mycotoxins NOT TESTED	Pesticides PASS
Metals PASS			

Terpenes

1.78%
Total Terpenes (Q3)

Cannabinoid Results

29.2% Sum of Cannabinoids (Q3)	25.7% Total THC	<LOQ Total CBD	RATIO 1 : 0 THC : CBD
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Total THC= THCA * 0.877 + d9-THC
Total CBD= CBDA * 0.877 + CBD



Jillian Blaney
Technical Laboratory Director

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Cannabinoids by HPLC-DAD - Compliance

Date Analyzed: 10/12/2023 Analyst Initials: DRF SOP: C4-SOP-CHEM-003

Analyte	LOQ	Result	Result	Qualifier
	%	%	mg/g	
THCA	0.569	28.1	281	D1
d9-THC	0.569	1.09	10.9	D1
d8-THC	0.569	<LOQ	< LOQ	D1
CBDA	0.569	<LOQ	< LOQ	D1
CBD	0.569	<LOQ	< LOQ	D1
CBG	0.569	<LOQ	< LOQ	D1
CBN	0.569	<LOQ	< LOQ	D1
CBC	0.569	<LOQ	< LOQ	D1
Sum of Cannabinoids	0.569	29.2	292	D1, Q3
Total THC	0.569	25.7	257	D1
Total CBD	0.569	<LOQ	< LOQ	D1
Total Cannabinoids	0.569	25.7	257	D1, Q3

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

Terpenes by GC-FID- Noncompliance

Date Analyzed: 10/16/2023 Analyst Initials: NSS SOP: C4-SOP-CHEM-012

Analyte	LOQ	Result	Result	Qualifier
	%	%	mg/g	
Limonene	0.027	0.475	4.75	Q3
beta-Caryophyllene	0.027	0.362	3.62	Q3
Linalool	0.027	0.290	2.90	Q3
beta-Myrcene	0.027	0.154	1.54	Q3
alpha-Humulene	0.027	0.105	1.05	Q3
beta-Pinene	0.027	0.100	1.00	Q3
alpha-Bisabolol	0.027	0.091	0.912	Q3
cis-Nerolidol	0.027	0.076	0.756	Q3
Guaiol	0.027	0.075	0.747	Q3
alpha-Pinene	0.027	0.056	0.560	Q3
p-Cymene	0.027	<LOQ	< LOQ	Q3
gamma-Terpinene	0.027	<LOQ	< LOQ	Q3
Caryophyllene Oxide	0.027	<LOQ	< LOQ	Q3
Eucalyptol	0.027	<LOQ	< LOQ	Q3
Geraniol	0.027	<LOQ	< LOQ	Q3
Isopulegol	0.027	<LOQ	< LOQ	Q3
Terpinolene	0.027	<LOQ	< LOQ	Q3
Ocimene	0.027	<LOQ	< LOQ	Q3
alpha-Terpinene	0.027	<LOQ	< LOQ	Q3
3-Carene	0.027	<LOQ	< LOQ	Q3
Camphene	0.027	<LOQ	< LOQ	Q3
Total Terpenes		1.784	17.84	

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Pesticides by LC/MS/MS - Compliance

Pass

Date Analyzed: 10/13/2023 Analyst Initials: JCB SOP: C4-SOP-CHEM-006

Analyte	LOQ	Limit	Result	Qualifier	Status	Analyte	LOQ	Limit	Result	Qualifier	Status
	ppm	ppm	ppm				ppm	ppm	ppm		
Abamectin	0.122	0.5	<LOQ		Pass	Hexythiazox	0.254	1.0	<LOQ	L1	Pass
Acephate	0.102	0.4	<LOQ		Pass	Imazalil	0.051	0.2	<LOQ		Pass
Acequinocyl	0.508	2.0	<LOQ		Pass	Imidacloprid	0.102	0.4	<LOQ		Pass
Acetamiprid	0.051	0.2	<LOQ		Pass	Kresoxim-methyl	0.102	0.4	<LOQ		Pass
Aldicarb	0.102	0.4	<LOQ		Pass	Malathion	0.051	0.2	<LOQ		Pass
Azoxystrobin	0.051	0.2	<LOQ		Pass	Metalaxyl	0.051	0.2	<LOQ		Pass
Bifenazate	0.051	0.2	<LOQ	L1	Pass	Methiocarb	0.051	0.2	<LOQ		Pass
Bifenthrin	0.051	0.2	<LOQ		Pass	Methomyl	0.102	0.4	<LOQ		Pass
Boscalid	0.102	0.4	<LOQ		Pass	Myclobutanil	0.051	0.2	<LOQ		Pass
Carbaryl	0.051	0.2	<LOQ		Pass	Naled	0.127	0.5	<LOQ		Pass
Carbofuran	0.051	0.2	<LOQ		Pass	Oxamyl	0.254	1.0	<LOQ		Pass
Chlorantraniliprole	0.051	0.2	<LOQ	L1	Pass	Paclobutrazol	0.102	0.4	<LOQ	L1	Pass
Chlorfenapyr	0.508	1.0	<LOQ	L1	Pass	Permethrins	0.051	0.2	<LOQ	R1	Pass
Chlorpyrifos	0.051	0.2	<LOQ		Pass	Phosmet	0.051	0.2	<LOQ		Pass
Clofentezine	0.051	0.2	<LOQ		Pass	Piperonyl butoxide	0.508	2.0	<LOQ		Pass
Cyfluthrin	0.508	1.0	<LOQ		Pass	Prallethrin	0.051	0.2	<LOQ		Pass
Cypermethrin	0.254	1.0	<LOQ		Pass	Propiconazole	0.102	0.4	<LOQ		Pass
Daminozide	0.508	1.0	<LOQ	R1	Pass	Propoxur	0.051	0.2	<LOQ		Pass
Diazinon	0.051	0.2	<LOQ		Pass	Pyrethrins	0.164	1.0	<LOQ		Pass
Dichlorvos	0.051	0.1	<LOQ		Pass	Pyridaben	0.051	0.2	<LOQ		Pass
Dimethoate	0.051	0.2	<LOQ		Pass	Spinosad	0.051	0.2	<LOQ		Pass
Ethoprophos	0.051	0.2	<LOQ		Pass	Spiromesifen	0.051	0.2	<LOQ		Pass
Etofenprox	0.102	0.4	<LOQ		Pass	Spirotetramat	0.051	0.2	<LOQ		Pass
Etoxazole	0.051	0.2	<LOQ		Pass	Spiroxamine	0.102	0.4	<LOQ		Pass
Fenoxycarb	0.051	0.2	<LOQ		Pass	Tebuconazole	0.102	0.4	<LOQ		Pass
Fenpyroximate	0.102	0.4	<LOQ		Pass	Thiacloprid	0.051	0.2	<LOQ		Pass
Fipronil	0.102	0.4	<LOQ	V1	Pass	Thiamethoxam	0.051	0.2	<LOQ		Pass
Fonicamid	0.254	1.0	<LOQ		Pass	Trifloxystrobin	0.051	0.2	<LOQ		Pass
Fludioxonil	0.102	0.4	<LOQ		Pass						

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Metals by ICP-MS - Compliance

Pass

Date Analyzed: 10/18/2023 Analyst Initials: RSS SOP: C4-SOP-CHEM-008

Analyte	LOQ	Limit	Result	Qualifier	Status
	ppm	ppm	ppm		
Arsenic	0.100	0.4	<LOQ		Pass
Cadmium	0.100	0.4	<LOQ		Pass
Lead	0.400	1.0	<LOQ		Pass
Mercury	0.400	1.2	<LOQ		Pass



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Microbials

Pass

E. coli by 3M Petrifilm- Compliance

Date Analyzed: 10/16/2023 Analyst Initials: DHV SOP: C4-SOP-MICRO-010

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

Aspergillus and Salmonella by qPCR - Compliance

Date Analyzed: 10/16/2023 Analyst Initials: DHV SOP: C4-SOP-MICRO-012

Analyte	Result	Qualifier Status
	in one gram	
<i>Salmonella spp.</i>	Not Detected	Pass
<i>Aspergillus</i>	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.
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.
R1	The RPD for the LCS/LCSD pair exceeded 20% but recoveries were within control limits.
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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