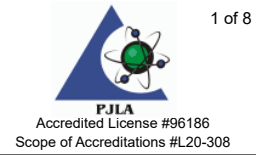




Certificate of Analysis

AZDHS Certification # 05LCMI00301434



Nature's Medicines Amado
 2439 W McDowell Rd
 Phoenix, AZ 85009
 none
 Lic#: 00000088DCXB00897085

Sample: S204129-07
 CC ID#: 2204C4L0120.2315
 Lot#: V531122210945GrapeVixen
 Batch#: V531122210945
 Batch Size: N/A

FINAL

Sample Name: Grape Vixen Crumble
 Strain Name: Grape Vixen
 Matrix: Concentrates Extracts

Sample Received: 04/27/2022
 Report Created: 05/06/2022



Potency Results

72.2%	<LOQ%	RATIO
Total THC	Total CBD	1 : 0
		THC CBD

Total THC= THCa * 0.877 + d9-THC
 Total CBD= CBDa * 0.877 + CBD

SAFETY

Microbials	Residual Solvents	Mycotoxins	Pesticides	Metals
PASS	PASS	PASS	PASS	PASS



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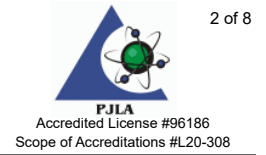
Dennis Wells
 CSO/QAM

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Lot#: V531122210945GrapeVixen
Batch#: V531122210945
Batch Size: N/A

FINAL

Sample Name: Grape Vixen Crumble

Strain Name: Grape Vixen
Matrix: Concentrates Extracts

Sample Received: 04/27/2022
Report Created: 05/06/2022

Cannabinoids by HPLC - Medical

Date Analyzed: 04/29/2022 Analyst Initials: NJR

Analyte	LOQ	Mass	Mass	Q
	%	%	mg/g	
THCA	1.47	80.5	805.00	
d9-THC	1.47	1.60	16.00	
d8-THC	1.47	<LOQ	<LOQ	
CBDA	1.47	<LOQ	<LOQ	
CBD	1.47	<LOQ	<LOQ	M1
CBG	1.47	<LOQ	<LOQ	
CBN	1.47	<LOQ	<LOQ	
CBC	1.47	<LOQ	<LOQ	
Total Cannabinoids	1.47	82.1	821.00	
Total THC	1.47	72.2	722.00	
Total CBD	1.47	<LOQ	<LOQ	

Total THC= THCa * 0.877 + d9-THC. Total CBD= CBDA * 0.877 + CBD.
LOQ = Limit of Quantitation; NR = Not Reported; ND = Not Detected.
Unless otherwise stated all quality control samples performed within specifications established by the Laboratory.
Cannabinoids method: HPLC-DAD.



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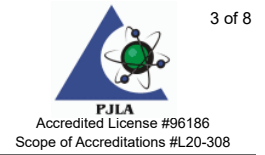
Dennis Wells
CSO/QAM

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Lot#: V531122210945GrapeVixen
Batch#: V531122210945
Batch Size: N/A

FINAL

Sample Name: Grape Vixen Crumble

Sample Received: 04/27/2022

Strain Name: Grape Vixen

Report Created: 05/06/2022

Matrix: Concentrates Extracts

Pesticides by LCMSMS - Medical

Pass

Date Analyzed: 05/03/2022 Analyst Initials: JCB

Analyte	LOQ	Limit	Units	Q	Status	Analyte	LOQ	Limit	Units	Q	Status
	ppm	ppm	ppm				ppm	ppm	ppm		
Abamectin	0.090	0.5	<LOQ		Pass	Hexythiazox	0.250	1.0	<LOQ	M2	Pass
Acephate	0.100	0.4	<LOQ		Pass	Imazalil	0.100	0.2	<LOQ	M1	Pass
Acequinocyl	0.499	2.0	<LOQ	M1	Pass	Imidacloprid	0.100	0.4	<LOQ		Pass
Acetamiprid	0.050	0.2	<LOQ		Pass	Kresoxim-methyl	0.100	0.4	<LOQ		Pass
Aldicarb	0.100	0.4	<LOQ		Pass	Malathion	0.050	0.2	<LOQ		Pass
Azoxystrobin	0.050	0.2	<LOQ		Pass	Metaxyl	0.100	0.2	<LOQ		Pass
Bifenazate	0.050	0.2	<LOQ		Pass	Methiocarb	0.050	0.2	<LOQ		Pass
Bifenthrin	0.050	0.2	<LOQ	M2	Pass	Methomyl	0.100	0.4	<LOQ		Pass
Boscalid	0.100	0.4	<LOQ	M2	Pass	Myclobutanil	0.050	0.2	<LOQ	M2	Pass
Carbaryl	0.050	0.2	<LOQ		Pass	Naled	0.125	0.5	<LOQ		Pass
Carbofuran	0.050	0.2	<LOQ		Pass	Oxamyl	0.250	1.0	<LOQ		Pass
Chlorantraniliprole	0.050	0.2	<LOQ		Pass	Paclobutrazol	0.100	0.4	<LOQ	M2	Pass
Chlorfenapyr	0.499	1.0	<LOQ	M2	Pass	Permethrins	0.050	0.2	<LOQ	M2	Pass
Chlorpyrifos	0.050	0.2	<LOQ	M2	Pass	Phosmet	0.050	0.2	<LOQ		Pass
Clofentezine	0.050	0.2	<LOQ		Pass	Piperonyl butoxide	0.499	2.0	<LOQ		Pass
Cyfluthrin	0.499	1.0	<LOQ	M2	Pass	Prallethrin	0.100	0.2	<LOQ		Pass
Cypermethrin	0.250	1.0	<LOQ	M2	Pass	Propiconazole	0.100	0.4	<LOQ	M2	Pass
Daminozide	0.499	1.0	<LOQ		Pass	Propoxur	0.050	0.2	<LOQ		Pass
Diazinon	0.050	0.2	<LOQ		Pass	Pyrethrins	0.322	1.0	<LOQ		Pass
Dichlorvos	0.050	0.1	<LOQ	M1	Pass	Pyridaben	0.050	0.2	<LOQ		Pass
Dimethoate	0.050	0.2	<LOQ		Pass	Spinosad	0.050	0.2	<LOQ		Pass
Ethoprophos	0.050	0.2	<LOQ		Pass	Spiromesifen	0.050	0.2	<LOQ		Pass
Etofenprox	0.100	0.4	<LOQ	M2	Pass	Spirotetramat	0.050	0.2	<LOQ		Pass
Etoxazole	0.050	0.2	<LOQ		Pass	Spiroxamine	0.100	0.4	<LOQ		Pass
Fenoxycarb	0.050	0.2	<LOQ		Pass	Tebuconazole	0.100	0.4	<LOQ		Pass
Fenpyroximate	0.100	0.4	<LOQ	M2	Pass	Thiacloprid	0.050	0.2	<LOQ		Pass
Fipronil	0.100	0.4	<LOQ		Pass	Thiamethoxam	0.050	0.2	<LOQ		Pass
Flonicamid	0.250	1.0	<LOQ		Pass	Trifloxystrobin	0.050	0.2	<LOQ	M2	Pass
Fludioxonil	0.100	0.4	<LOQ		Pass						

LOQ = Limit of Quantitation; NR = Not Reported; ND = Not Detected. Unless otherwise stated all quality control samples performed within specifications established by the Laboratory. Pesticides method: LC/MS/MS.



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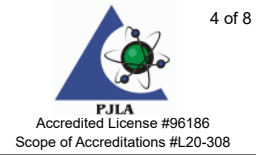
Dennis Wells
CSO/QAM

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Phoenix, AZ 85009
none
Lic#: 00000088DCXB00897085

Sample: S204129-07

CC ID#: 2204C4L0120.2315
Lot#: V531122210945GrapeVixen
Batch#: V531122210945
Batch Size: N/A

FINAL

Sample Name: Grape Vixen Crumble

Strain Name: Grape Vixen
Matrix: Concentrates Extracts

Sample Received: 04/27/2022
Report Created: 05/06/2022

Metals by ICPMS - Medical

Pass

Date Analyzed: 05/02/2022 Analyst Initials: iam

Analyte	LOQ	Limit	Mass	Q	Status
	ppm	ppm	ppm		
Arsenic	0.100	0.405	<LOQ		Pass
Cadmium	0.100	0.405	<LOQ		Pass
Lead	0.399	1.05	<LOQ		Pass
Mercury	0.399	1.25	<LOQ		Pass

LOQ = Limit of Quantitation; ND = Not Detected. Unless otherwise stated all quality control samples performed within specifications established by the Laboratory.

Mycotoxins by ELISA- Medical

Pass

Date Analyzed: 04/29/2022 Analyst Initials: bab

Analyte	LOQ	Limit	Mass	Q	Status
	ppb	ppb	ppb		
Aflatoxins Total	2.00	20	<LOQ		Pass
Ochratoxin A	4.00	20	<LOQ		Pass

LOQ = Limit of Quantitation; NR = Not Reported; ND = Not Detected. Unless otherwise stated all quality control samples performed within specifications established by the Laboratory. Total Aflatoxins includes Aflatoxins B1, B2, G1, and G2.



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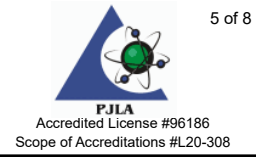
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CSO/QAM

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Sample: S204129-07

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Lot#: V531122210945GrapeVixen
Batch#: V531122210945
Batch Size: N/A

FINAL

Sample Name: Grape Vixen Crumble

Strain Name: Grape Vixen
Matrix: Concentrates Extracts

Sample Received: 04/27/2022
Report Created: 05/06/2022

Microbials

Pass

E. coli by 3M Petrifilm- Medical

Plate

Date Analyzed: 05/04/2022 Analyst Initials: MB

Analyte	LOQ	Limit	Mass	Q	Status
	cfu/g	cfu/g	cfu/g		
E. coli	1.0	100	<LOQ		Pass

Notes: Aerobic plate counts and yeast and mold are provided for informational purposes only.
LOQ = Limit of Quantitation; TNTC = Too Numerous to Count; NR = Not Reported; NT = Not Tested;
ND = Not Detected; Unless otherwise stated all quality control samples performed within specifications established by the Laboratory. Aspergillus includes species flavus, fumigatus, niger, and terreus.
E. coli by Petrifilm, Salmonella and Aspergillus by Medicinal Genomics.

Aspergillus and Salmonella by qPCR - Medical

qPCR

Date Analyzed: 05/04/2022 Analyst Initials: MB

Analyte	LOQ	Limit	Mass	Q	Status
	cfu/g	cfu/g	cfu/g		
Salmonella spp.	1	1	<LOQ		Pass
Aspergillus	1	1	<LOQ		Pass

Notes: Aerobic plate counts and yeast and mold are provided for informational purposes only.
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E. coli by Petrifilm, Salmonella and Aspergillus by Medicinal Genomics.



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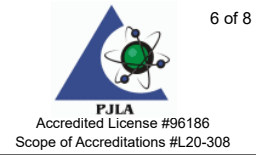
Dennis Wells
CSO/QAM

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none
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Sample: S204129-07

CC ID#: 2204C4L0120.2315
Lot#: V531122210945GrapeVixen
Batch#: V531122210945
Batch Size: N/A

FINAL**Sample Name: Grape Vixen Crumble**

Strain Name: Grape Vixen
Matrix: Concentrates Extracts

Sample Received: 04/27/2022
Report Created: 05/06/2022

Residual Solvents by Headspace GCMS - Medical**Pass**

Date Analyzed: 04/29/2022 Analyst Initials: SML

Analyte	LOQ	Limit	Units	Q	Status	Analyte	LOQ	Limit	Units	Q	Status
	ppm	ppm	ppm				ppm	ppm	ppm		
Acetone	126	1000	<LOQ		Pass	2,3-Dimethylbutane	40.2		<LOQ		
Acetonitrile	50.3	410	<LOQ		Pass	2-Propanol (IPA)	628	5000	<LOQ		Pass
Benzene	0.7	2	<LOQ	M1	Pass	Isopropyl acetate	628	5000	<LOQ		Pass
Butanes	628	5000	<LOQ		Pass	Methanol	377	3000	<LOQ		Pass
n-Butane	628		<LOQ			Pentanes	628	5000	<LOQ		Pass
iso-Butane	628		<LOQ			n-Pentane	628		<LOQ		
Chloroform	15.1	60	<LOQ		Pass	iso-pentane	628		<LOQ		
Dichloromethane	75.4	600	<LOQ		Pass	neo-Pentane	628		<LOQ		
Ethanol	628	5000	<LOQ		Pass	Propane	628	5000	<LOQ		Pass
Ethyl acetate	628	5000	<LOQ		Pass	Toluene	116	890	<LOQ		Pass
Diethyl Ether	628	5000	<LOQ		Pass	Xylenes	276	2170	<LOQ		Pass
n-Heptane	628	5000	<LOQ		Pass	m/p-Xylene	553		<LOQ		
Hexanes	40.2	290	<LOQ		Pass	o-Xylene	276		<LOQ		
n-Hexane	40.2		<LOQ			Ethyl benzene	276		<LOQ		
2-Methylpentane	40.2		<LOQ								
3-Methylpentane	40.2		<LOQ								
2,2-Dimethylbutane	40.2		<LOQ								

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within specifications established by the Laboratory.
Solvents method: GC/MS

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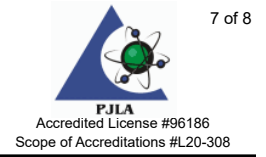
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CSO/QAM

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FINAL

Sample Name: Grape Vixen Crumble

Strain Name: Grape Vixen

Matrix: Concentrates Extracts

Sample Received: 04/27/2022

Report Created: 05/06/2022

Notes and Definitions

Item	Definition
I1	Interference. Relative intensity of a characteristic ion in the sample analyte exceeded 30% of the relative intensity in the reference spectrum.
M1	Matrix Spike recovery was higher than control limit but recovery of the LCS was within control limits.
M2	Matrix Spike recovery was lower than control limit but recovery of the LCS was within control limits.
ND	Analyte NOT DETECTED at or above the reporting limit.
RPD	Relative Percent Difference
%REC	Percent Recovery
Source	Sample that was matrix spiked or duplicated.



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Empty PDFFilePath marker encountered