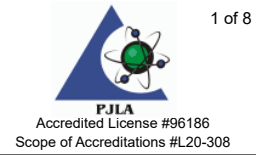




# Certificate of Analysis

AZDHS Certification # 05LCMI00301434



Nature's Medicines Amado

2439 W McDowell Rd  
Phoenix, AZ 85009  
none

Lic#: 00000088DCXB00897085

FINAL

Sample: S203098-02

CC ID#: 2203C4L0099.1584  
Lot#: V650214221084LemonBerryCheesecakeShave  
Batch#: V650214221084  
Batch Size: N/A

Sample Name: Lemon Berry Cheesecake Shave Crumble

Strain Name: Lemon Berry Cheesecake Shave

Matrix: Concentrates Extracts

Sample Received: 03/22/2022

Report Created: 03/29/2022



## Potency Results

<b>79.4%</b>	<b>&lt;LOQ%</b>	<b>RATIO</b>	
<b>Total THC</b>	<b>Total CBD</b>	<b>1</b>	<b>0</b>
		<b>THC</b>	<b>CBD</b>

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

## SAFETY

<b>Microbials</b>	<b>Residual Solvents</b>	<b>Mycotoxins</b>	<b>Pesticides</b>	<b>Metals</b>
<b>PASS</b>	<b>PASS</b>	<b>PASS</b>	<b>PASS</b>	<b>PASS</b>



### C4 LABORATORIES

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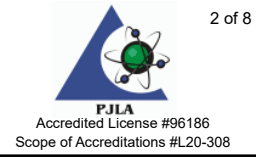
Dennis Wells  
CSO/QAM

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none  
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**Sample: S203098-02**

CC ID#: 2203C4L0099.1584  
Lot#: V650214221084LemonBerryCheesecakeShave  
Batch#: V650214221084  
Batch Size: N/A

**FINAL**

**Sample Name: Lemon Berry Cheesecake Shave Crumble**

Strain Name: Lemon Berry Cheesecake Shave

Matrix: Concentrates Extracts

Sample Received: 03/22/2022

Report Created: 03/29/2022

**Cannabinoids by HPLC - Medical**

Date Analyzed: 03/24/2022 Analyst Initials: KWT

Analyte	LOQ	Mass	Mass	Q
	%	%	mg/g	
THCA	1.48	88.5	885.00	
d9-THC	1.48	1.85	18.50	
d8-THC	1.48	<LOQ	<LOQ	
CBDA	1.48	<LOQ	<LOQ	
CBD	1.48	<LOQ	<LOQ	
CBG	1.48	<LOQ	<LOQ	
CBN	1.48	<LOQ	<LOQ	
CBC	1.48	<LOQ	<LOQ	
Total Cannabinoids	1.48	90.3	903.00	
Total THC	1.48	79.4	794.00	
Total CBD	1.48	<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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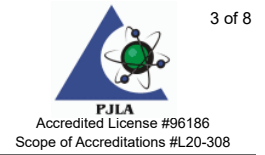
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**FINAL**

**Sample: S203098-02**

CC ID#: 2203C4L0099.1584  
Lot#: V650214221084LemonBerryCheesecakeShave  
Batch#: V650214221084  
Batch Size: N/A

**Sample Name: Lemon Berry Cheesecake Shave Crumble**

**Strain Name: Lemon Berry Cheesecake Shave**

**Matrix: Concentrates Extracts**

Sample Received: 03/22/2022

Report Created: 03/29/2022

**Pesticides by LCMSMS - Medical**

**Pass**

Date Analyzed: 03/29/2022 Analyst Initials: JCB

Analyte	LOQ	Limit	Units	Q	Status	Analyte	LOQ	Limit	Units	Q	Status
	ppm	ppm	ppm				ppm	ppm	ppm		
Abamectin	0.091	0.5	<LOQ	M2	Pass	Hexythiazox	0.252	1.0	<LOQ	M2	Pass
Acephate	0.101	0.4	<LOQ		Pass	Imazalil	0.101	0.2	<LOQ		Pass
Acequinocyl	0.504	2.0	<LOQ	M2	Pass	Imidacloprid	0.101	0.4	<LOQ		Pass
Acetamiprid	0.050	0.2	<LOQ		Pass	Kresoxim-methyl	0.101	0.4	<LOQ		Pass
Aldicarb	0.101	0.4	<LOQ		Pass	Malathion	0.050	0.2	<LOQ		Pass
Azoxystrobin	0.050	0.2	<LOQ		Pass	Metalaxyl	0.101	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	0.101	0.4	<LOQ		Pass
Boscalid	0.101	0.4	<LOQ	M2	Pass	Myclobutanil	0.050	0.2	<LOQ	M2	Pass
Carbaryl	0.050	0.2	<LOQ		Pass	Naled	0.126	0.5	<LOQ		Pass
Carbofuran	0.050	0.2	<LOQ		Pass	Oxamyl	0.252	1.0	<LOQ		Pass
Chlorantraniliprole	0.050	0.2	<LOQ		Pass	Paclobutrazol	0.101	0.4	<LOQ	M2	Pass
Chlorfenapyr	0.504	1.0	<LOQ	M2	Pass	Permethrins	0.050	0.2	<LOQ		Pass
Chlorpyrifos	0.050	0.2	<LOQ	M2	Pass	Phosmet	0.050	0.2	<LOQ		Pass
Clofentezine	0.050	0.2	<LOQ	M2	Pass	Piperonyl butoxide	0.504	2.0	<LOQ	M2	Pass
Cyfluthrin	0.504	1.0	<LOQ	L1, M2, V1	Pass	Prallethrin	0.101	0.2	<LOQ		Pass
Cypermethrin	0.252	1.0	<LOQ	M2	Pass	Propiconazole	0.101	0.4	<LOQ	M2, V1	Pass
Daminozide	0.504	1.0	<LOQ		Pass	Propoxur	0.050	0.2	<LOQ		Pass
Diazinon	0.050	0.2	<LOQ	M2	Pass	Pyrethrins	0.325	1.0	<LOQ		Pass
Dichlorvos	0.050	0.1	<LOQ		Pass	Pyridaben	0.050	0.2	<LOQ		Pass
Dimethoate	0.050	0.2	<LOQ		Pass	Spinosad	0.050	0.2	<LOQ	M2	Pass
Ethoprophos	0.050	0.2	<LOQ		Pass	Spiromesifen	0.050	0.2	<LOQ		Pass
Etofenprox	0.101	0.4	<LOQ	M2	Pass	Spirotetramat	0.050	0.2	<LOQ	M1	Pass
Etoxazole	0.050	0.2	<LOQ		Pass	Spiroxamine	0.101	0.4	<LOQ		Pass
Fenoxycarb	0.050	0.2	<LOQ	M2	Pass	Tebuconazole	0.101	0.4	<LOQ	L1, M2, V1	Pass
Fenpyroximate	0.101	0.4	<LOQ	M2, V1	Pass	Thiacloprid	0.050	0.2	<LOQ		Pass
Fipronil	0.101	0.4	<LOQ	M1	Pass	Thiamethoxam	0.050	0.2	<LOQ		Pass
Flonicamid	0.252	1.0	<LOQ		Pass	Trifloxystrobin	0.050	0.2	<LOQ	M2	Pass
Fludioxonil	0.101	0.4	<LOQ	M2	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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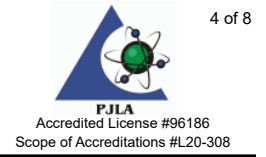
Dennis Wells  
CSO/QAM

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AZDHS Certification # 05LCMI00301434



## Nature's Medicines Amado

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Phoenix, AZ 85009  
none  
Lic#: 00000088DCXB00897085

## Sample: S203098-02

CC ID#: 2203C4L0099.1584  
Lot#: V650214221084LemonBerryCheesecakeShave  
Batch#: V650214221084  
Batch Size: N/A

**FINAL**

**Sample Name:** Lemon Berry Cheesecake Shave Crumble

Sample Received: 03/22/2022

**Strain Name:** Lemon Berry Cheesecake Shave

Report Created: 03/29/2022

**Matrix:** Concentrates Extracts

### Metals by ICPMS - Medical

Pass

Date Analyzed: 03/23/2022 Analyst Initials: iam

Analyte	LOQ	Limit	Mass	Q	Status
	ppm	ppm	ppm		
Arsenic	0.099	0.405	<LOQ		Pass
Cadmium	0.099	0.405	<LOQ		Pass
Lead	0.397	1.05	<LOQ		Pass
Mercury	0.397	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: 03/24/2022 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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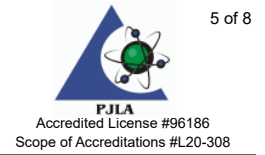
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## Sample: S203098-02

CC ID#: 2203C4L0099.1584  
Lot#: V650214221084LemonBerryCheesecakeShave  
Batch#: V650214221084  
Batch Size: N/A

**FINAL**

**Sample Name:** Lemon Berry Cheesecake Shave Crumble

Sample Received: 03/22/2022

**Strain Name:** Lemon Berry Cheesecake Shave

Report Created: 03/29/2022

**Matrix:** Concentrates Extracts

## Microbials

Pass

### E. coli by 3M Petrifilm- Medical

#### Plate

Date Analyzed: 03/25/2022 Analyst Initials: KAM

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: 03/25/2022 Analyst Initials: KAM

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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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.



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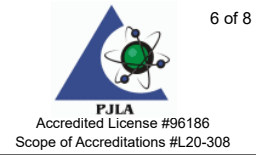
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CSO/QAM

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## Sample: S203098-02

CC ID#: 2203C4L0099.1584  
Lot#: V650214221084LemonBerryCheesecakeShave  
Batch#: V650214221084  
Batch Size: N/A

**FINAL**

Sample Name: Lemon Berry Cheesecake Shave Crumble

Sample Received: 03/22/2022

Strain Name: Lemon Berry Cheesecake Shave

Report Created: 03/29/2022

Matrix: Concentrates Extracts

### Residual Solvents by Headspace GCMS - Medical

Pass

Date Analyzed: 03/23/2022 Analyst Initials: SML

Analyte	LOQ	Limit	Units	Q	Status	Analyte	LOQ	Limit	Units	Q	Status
	ppm	ppm	ppm				ppm	ppm	ppm		
Acetone	117	1000	<LOQ		Pass	2,3-Dimethylbutane	37.6		<LOQ		
Acetonitrile	46.9	410	<LOQ		Pass	2-Propanol (IPA)	587	5000	<LOQ		Pass
Benzene	0.7	2	<LOQ		Pass	Isopropyl acetate	587	5000	<LOQ		Pass
Butanes	587	5000	<LOQ		Pass	Methanol	352	3000	<LOQ		Pass
n-Butane	587		<LOQ	M2		Pentanes	587	5000	<LOQ		Pass
iso-Butane	587		<LOQ	M2		n-Pentane	587		<LOQ		
Chloroform	14.1	60	<LOQ		Pass	iso-pentane	587		<LOQ		
Dichloromethane	70.4	600	<LOQ		Pass	neo-Pentane	587		<LOQ	M2	
Ethanol	587	5000	<LOQ		Pass	Propane	587	5000	<LOQ	M2	Pass
Ethyl acetate	587	5000	<LOQ		Pass	Toluene	108	890	<LOQ		Pass
Diethyl Ether	587	5000	<LOQ		Pass	Xylenes	258	2170	<LOQ		Pass
n-Heptane	587	5000	<LOQ		Pass	m/p-Xylene	516		<LOQ		
Hexanes	37.6	290	<LOQ		Pass	o-Xylene	258		<LOQ		
n-Hexane	37.6		<LOQ			Ethyl benzene	258		<LOQ		
2-Methylpentane	37.6		<LOQ								
3-Methylpentane	37.6		<LOQ								
2,2-Dimethylbutane	37.6		<LOQ								

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



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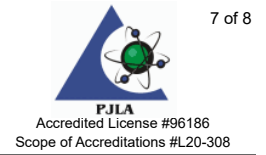
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**FINAL**

**Sample: S203098-02**

CC ID#: 2203C4L0099.1584  
Lot#: V650214221084LemonBerryCheesecakeShave  
Batch#: V650214221084  
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**Sample Name: Lemon Berry Cheesecake Shave Crumble**

Strain Name: Lemon Berry Cheesecake Shave

Matrix: Concentrates Extracts

Sample Received: 03/22/2022

Report Created: 03/29/2022

## Notes and Definitions

Item	Definition
L1	The percent recovery of the LCS was outside of control limits for the test but analyte was not detected above the Action Limit in Table 3.1.
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.
V1	CCV recovery exceeded control limits but the sample analyte concentration was below maximum allowable concentrations in table 3.1
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