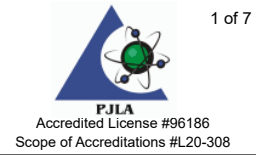




Certificate of Analysis

AZDHS Certification # 05LCMI00301434



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

Sample: S206053-15
CC ID#: 2206C4L0043.3108
Lot#: L170328221274
Batch#: L170328221274
Batch Size: N/A

FINAL

Sample Name: Badder
Strain Name: Badder
Matrix: Concentrates Extracts

Sample Received: 06/13/2022
Report Created: 06/21/2022



Potency Results

75.0%	<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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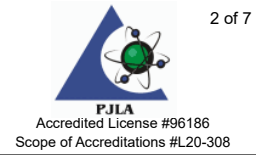
Dennis Wells
CSO/QAM

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CC ID#: 2206C4L0043.3108
Lot#: L170328221274
Batch#: L170328221274
Batch Size: N/A

FINAL

Sample Name: Badder

Strain Name: Badder

Matrix: Concentrates Extracts

Sample Received: 06/13/2022

Report Created: 06/21/2022

Cannabinoids by HPLC - Medical

Date Analyzed: 06/16/2022 Analyst Initials: NJR

Analyte	LOQ	Mass	Mass	Q
	%	%	mg/g	
THCA	1.49	77.2	772.00	
d9-THC	1.49	7.32	73.20	
d8-THC	1.49	<LOQ	<LOQ	
CBDA	1.49	<LOQ	<LOQ	
CBD	1.49	<LOQ	<LOQ	M1
CBG	1.49	<LOQ	<LOQ	
CBN	1.49	<LOQ	<LOQ	
CBC	1.49	<LOQ	<LOQ	
Total Cannabinoids	1.49	84.5	845.00	
Total THC	1.49	75.0	750.00	
Total CBD	1.49	<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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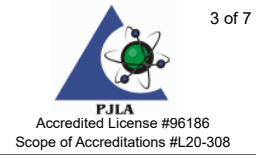
Dennis Wells
CSO/QAM

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Sample: S206053-15

CC ID#: 2206C4L0043.3108
Lot#: L170328221274
Batch#: L170328221274
Batch Size: N/A

FINAL

Sample Name: Badder

Sample Received: 06/13/2022

Strain Name: Badder

Report Created: 06/21/2022

Matrix: Concentrates Extracts

Pesticides by LCMSMS - Medical

Pass

Date Analyzed: 06/16/2022 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		Pass
Acequinocyl	0.499	2.0	<LOQ	M2	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		Pass
Chlorpyrifos	0.050	0.2	<LOQ		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	M2	Pass
Cypermethrin	0.250	1.0	<LOQ	M2	Pass	Propiconazole	0.100	0.4	<LOQ	M2	Pass
Daminozide	0.499	1.0	<LOQ	L1	Pass	Propoxur	0.050	0.2	<LOQ		Pass
Diazinon	0.050	0.2	<LOQ		Pass	Pyrethrins	0.321	1.0	<LOQ	M2	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		Pass
Ethoprophos	0.050	0.2	<LOQ		Pass	Spiromesifen	0.050	0.2	<LOQ		Pass
Etofenprox	0.100	0.4	<LOQ		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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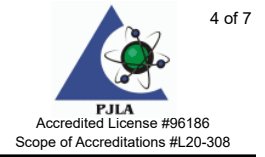
Dennis Wells
CSO/QAM

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Nature's Medicines Amado

2439 W Mcdowell Rd
Phoenix, AZ 85009
none
Lic#: 00000088DCXB00897085

Sample: S206053-15

CC ID#: 2206C4L0043.3108
Lot#: L170328221274
Batch#: L170328221274
Batch Size: N/A

FINAL

Sample Name: Badder

Strain Name: Badder

Matrix: Concentrates Extracts

Sample Received: 06/13/2022

Report Created: 06/21/2022

Metals by ICPMS - Medical

Pass

Date Analyzed: 06/20/2022 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	0.395	1.05	<LOQ		Pass
Mercury	0.395	1.25	<LOQ	V1	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: 06/16/2022 Analyst Initials: BAB

Analyte	LOQ	Limit	Mass	Q	Status
	ppb	ppb	ppb		
Aflatoxins Total	2.00	20	<LOQ		Pass
Ochratoxin A	4.00	20	5.22		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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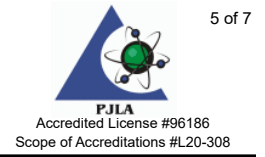
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Sample: S206053-15

CC ID#: 2206C4L0043.3108
Lot#: L170328221274
Batch#: L170328221274
Batch Size: N/A

FINAL

Sample Name: Badder

Strain Name: Badder

Matrix: Concentrates Extracts

Sample Received: 06/13/2022

Report Created: 06/21/2022

Microbials

Pass

E. coli by 3M Petrifilm- Medical

Plate

Date Analyzed: 06/16/2022 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: 06/16/2022 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.
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.



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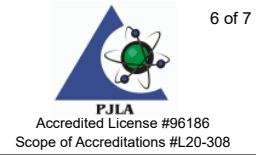
Dennis Wells
CSO/QAM

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none
Lic#: 00000088DCXB00897085

Sample: S206053-15

CC ID#: 2206C4L0043.3108
Lot#: L170328221274
Batch#: L170328221274
Batch Size: N/A

FINAL

Sample Name: Badder

Strain Name: Badder

Matrix: Concentrates Extracts

Sample Received: 06/13/2022

Report Created: 06/21/2022

Residual Solvents by Headspace GCMS - Medical

Pass

Date Analyzed: 06/15/2022 Analyst Initials: SML

Analyte	LOQ	Limit	Units	Q	Status	Analyte	LOQ	Limit	Units	Q	Status
	ppm	ppm	ppm				ppm	ppm	ppm		
Acetone	124	1000	<LOQ		Pass	2,3-Dimethylbutane	39.8		<LOQ		
Acetonitrile	49.8	410	<LOQ	L1	Pass	2-Propanol (IPA)	622	5000	<LOQ		Pass
Benzene	0.7	2	<LOQ		Pass	Isopropyl acetate	622	5000	<LOQ		Pass
Butanes	622	5000	<LOQ		Pass	Methanol	373	3000	<LOQ		Pass
n-Butane	622		<LOQ			Pentanes	622	5000	<LOQ		Pass
iso-Butane	622		<LOQ			n-Pentane	622		<LOQ		
Chloroform	14.9	60	<LOQ		Pass	iso-pentane	622		<LOQ		
Dichloromethane	74.6	600	<LOQ		Pass	neo-Pentane	622		<LOQ		
Ethanol	622	5000	<LOQ		Pass	Propane	622	5000	<LOQ		Pass
Ethyl acetate	622	5000	<LOQ		Pass	Toluene	114	890	<LOQ		Pass
Diethyl Ether	622	5000	<LOQ		Pass	Xylenes	274	2170	<LOQ		Pass
n-Heptane	622	5000	<LOQ		Pass	m/p-Xylene	547		<LOQ		
Hexanes	39.8	290	<LOQ		Pass	o-Xylene	274		<LOQ		
n-Hexane	39.8		<LOQ			Ethyl benzene	274		<LOQ		
2-Methylpentane	39.8		<LOQ								
3-Methylpentane	39.8		<LOQ								
2,2-Dimethylbutane	39.8		<LOQ								

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Unless otherwise stated all quality control samples performed
within specifications established by the Laboratory.
Solvents method: GC/MS



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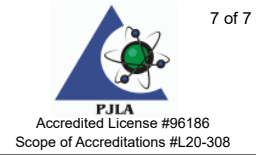
Dennis Wells
CSO/QAM

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 2439 W Mcdowell Rd
 Phoenix, AZ 85009
 none
 Lic#: 00000088DCXB00897085

Sample: S206053-15
 CC ID#: 2206C4L0043.3108
 Lot#: L170328221274
 Batch#: L170328221274
 Batch Size: N/A

FINAL

Sample Name: Badder

Sample Received: 06/13/2022
 Report Created: 06/21/2022

Strain Name: Badder

Matrix: Concentrates Extracts

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.
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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Dennis Wells
 CSO/QAM

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