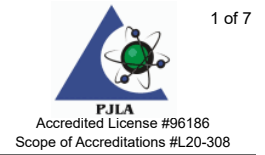




Certificate of Analysis

AZDHS Certification # 05LCMI00301434



Nature's Medicines Amado

2439 W McDowell Rd
Phoenix, AZ 85009
none

Lic#: 00000088DCXB00897085

Sample: S202102-04

CC ID#: 2202C4L0105.1098
Lot#: L230110221042TwistedHaze
Batch#: L230110221042
Batch Size: N/A

FINAL

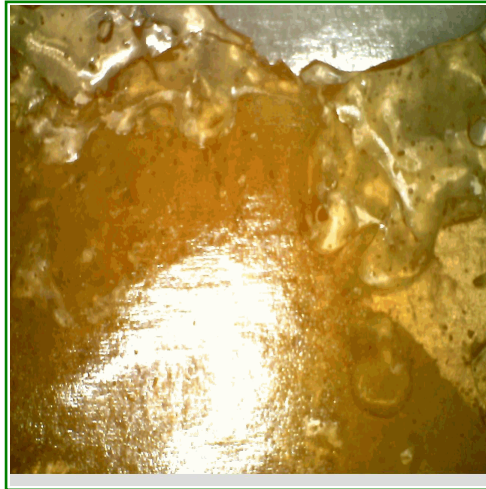
Sample Name: Twisted Haze Shatter

Strain Name: Twisted Haze

Matrix: Concentrates Extracts

Sample Received: 02/25/2022

Report Created: 03/04/2022



Potency Results

77.1%	<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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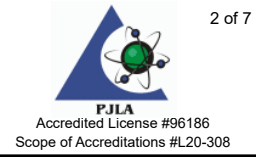
Dennis Wells
CSO/QAM

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Sample: S202102-04

CC ID#: 2202C4L0105.1098
Lot#: L230110221042TwistedHaze
Batch#: L230110221042
Batch Size: N/A

FINAL

Sample Name: Twisted Haze Shatter

Strain Name: Twisted Haze
Matrix: Concentrates Extracts

Sample Received: 02/25/2022
Report Created: 03/04/2022

Cannabinoids by HPLC - Medical

Date Analyzed: 02/28/2022 Analyst Initials: KWT

Analyte	LOQ	Mass	Mass	Q
	%	%	mg/g	
THCA	1.49	86.7	867.00	
d9-THC	1.49	<LOQ	<LOQ	
d8-THC	1.49	<LOQ	<LOQ	
CBDA	1.49	<LOQ	<LOQ	
CBD	1.49	<LOQ	<LOQ	
CBG	1.49	<LOQ	<LOQ	
CBN	1.49	<LOQ	<LOQ	
CBC	1.49	<LOQ	<LOQ	
Total Cannabinoids	1.49	87.8	878.00	
Total THC	1.49	77.1	771.00	
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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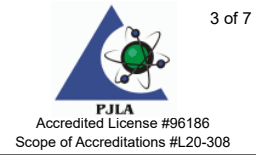
Dennis Wells
CSO/QAM

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Sample: S202102-04

CC ID#: 2202C4L0105.1098
Lot#: L230110221042TwistedHaze
Batch#: L230110221042
Batch Size: N/A

FINAL

Sample Name: Twisted Haze Shatter

Strain Name: Twisted Haze
Matrix: Concentrates Extracts

Sample Received: 02/25/2022
Report Created: 03/04/2022

Pesticides by LCMSMS - Medical

Pass

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

Analyte	LOQ	Limit	Units	Q	Status	Analyte	LOQ	Limit	Units	Q	Status
	ppm	ppm	ppm				ppm	ppm	ppm		
Abamectin	0.088	0.5	<LOQ		Pass	Hexythiazox	0.245	1.0	<LOQ	M2	Pass
Acephate	0.098	0.4	<LOQ		Pass	Imazalil	0.098	0.2	<LOQ		Pass
Acequinocyl	0.490	2.0	<LOQ	V1	Pass	Imidacloprid	0.098	0.4	<LOQ		Pass
Acetamiprid	0.049	0.2	<LOQ		Pass	Kresoxim-methyl	0.098	0.4	<LOQ		Pass
Aldicarb	0.098	0.4	<LOQ		Pass	Malathion	0.049	0.2	<LOQ		Pass
Azoxystrobin	0.049	0.2	<LOQ		Pass	Metaxyl	0.098	0.2	<LOQ		Pass
Bifenazate	0.049	0.2	<LOQ		Pass	Methiocarb	0.049	0.2	<LOQ		Pass
Bifenthrin	0.049	0.2	<LOQ		Pass	Methomyl	0.098	0.4	<LOQ		Pass
Boscalid	0.098	0.4	<LOQ		Pass	Myclobutanil	0.049	0.2	<LOQ	L1	Pass
Carbaryl	0.049	0.2	<LOQ		Pass	Naled	0.122	0.5	<LOQ		Pass
Carbofuran	0.049	0.2	<LOQ		Pass	Oxamyl	0.245	1.0	<LOQ		Pass
Chlorantraniliprole	0.049	0.2	<LOQ		Pass	Paclobutrazol	0.098	0.4	<LOQ		Pass
Chlorfenapyr	0.490	1.0	<LOQ	M2	Pass	Permethrins	0.049	0.2	<LOQ	M2	Pass
Chlorpyrifos	0.049	0.2	<LOQ		Pass	Phosmet	0.049	0.2	<LOQ		Pass
Clofentezine	0.049	0.2	<LOQ		Pass	Piperonyl butoxide	0.490	2.0	<LOQ		Pass
Cyfluthrin	0.490	1.0	<LOQ		Pass	Prallethrin	0.098	0.2	<LOQ	M1	Pass
Cypermethrin	0.245	1.0	<LOQ		Pass	Propiconazole	0.098	0.4	<LOQ	M1	Pass
Daminozide	0.490	1.0	<LOQ		Pass	Propoxur	0.049	0.2	<LOQ		Pass
Diazinon	0.049	0.2	<LOQ		Pass	Pyrethrins	0.315	1.0	<LOQ	M1, V1	Pass
Dichlorvos	0.049	0.1	<LOQ		Pass	Pyridaben	0.049	0.2	<LOQ		Pass
Dimethoate	0.049	0.2	<LOQ		Pass	Spinosad	0.049	0.2	<LOQ		Pass
Ethoprophos	0.049	0.2	<LOQ		Pass	Spiromesifen	0.049	0.2	<LOQ		Pass
Etofenprox	0.098	0.4	<LOQ		Pass	Spirotetramat	0.049	0.2	<LOQ		Pass
Etoxazole	0.049	0.2	<LOQ		Pass	Spiroxamine	0.098	0.4	<LOQ		Pass
Fenoxycarb	0.049	0.2	<LOQ		Pass	Tebuconazole	0.098	0.4	<LOQ		Pass
Fenpyroximate	0.098	0.4	<LOQ		Pass	Thiacloprid	0.049	0.2	<LOQ		Pass
Fipronil	0.098	0.4	<LOQ	L1, M1, V1	Pass	Thiamethoxam	0.049	0.2	<LOQ		Pass
Flonicamid	0.245	1.0	<LOQ		Pass	Trifloxystrobin	0.049	0.2	<LOQ		Pass
Fludioxonil	0.098	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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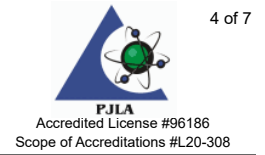
Dennis Wells
CSO/QAM

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Certificate of Analysis

AZDHS Certification # 05LCMI00301434



Nature's Medicines Amado

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Phoenix, AZ 85009
none
Lic#: 00000088DCXB00897085

Sample: S202102-04

CC ID#: 2202C4L0105.1098
Lot#: L230110221042TwistedHaze
Batch#: L230110221042
Batch Size: N/A

FINAL

Sample Name: Twisted Haze Shatter

Strain Name: Twisted Haze
Matrix: Concentrates Extracts

Sample Received: 02/25/2022
Report Created: 03/04/2022

Metals by ICPMS - Medical

Pass

Date Analyzed: 03/01/2022 Analyst Initials: ASJ

Analyte	LOQ	Limit	Mass	Q	Status
	ppm	ppm	ppm		
Arsenic	0.099	0.405	<LOQ		Pass
Cadmium	0.099	0.405	<LOQ		Pass
Lead	0.398	1.05	<LOQ		Pass
Mercury	0.398	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: 03/01/2022 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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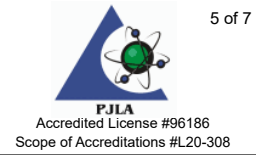
Dennis Wells
CSO/QAM

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Sample: S202102-04

CC ID#: 2202C4L0105.1098
Lot#: L230110221042TwistedHaze
Batch#: L230110221042
Batch Size: N/A

FINAL

Sample Name: Twisted Haze Shatter

Strain Name: Twisted Haze
Matrix: Concentrates Extracts

Sample Received: 02/25/2022
Report Created: 03/04/2022

Microbials

Pass

E. coli by 3M Petrifilm- Medical

Plate

Date Analyzed: 03/03/2022 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: 03/03/2022 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.
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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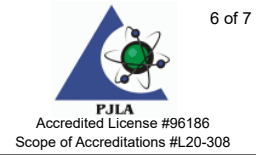
Dennis Wells
CSO/QAM

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Sample: S202102-04

CC ID#: 2202C4L0105.1098
Lot#: L230110221042TwistedHaze
Batch#: L230110221042
Batch Size: N/A

FINAL

Sample Name: Twisted Haze Shatter

Strain Name: Twisted Haze
Matrix: Concentrates Extracts

Sample Received: 02/25/2022
Report Created: 03/04/2022

Residual Solvents by Headspace GCMS - Medical

Pass

Date Analyzed: 02/28/2022 Analyst Initials: SML

Analyte	LOQ	Limit	Units	Q	Status	Analyte	LOQ	Limit	Units	Q	Status
	ppm	ppm	ppm				ppm	ppm	ppm		
Acetone	116	1000	<LOQ		Pass	2,3-Dimethylbutane	37.0	<LOQ			
Acetonitrile	46.3	410	<LOQ		Pass	2-Propanol (IPA)	579	5000	<LOQ		Pass
Benzene	0.6	2	<LOQ	L1	Pass	Isopropyl acetate	579	5000	<LOQ		Pass
Butanes	579	5000	<LOQ		Pass	Methanol	347	3000	<LOQ		Pass
n-Butane	579		<LOQ			Pentanes	579	5000	<LOQ		Pass
iso-Butane	579		<LOQ			n-Pentane	579		<LOQ		
Chloroform	13.9	60	<LOQ		Pass	iso-pentane	579		<LOQ		
Dichloromethane	69.4	600	<LOQ		Pass	neo-Pentane	579		<LOQ		
Ethanol	579	5000	<LOQ		Pass	Propane	579	5000	<LOQ	M2	Pass
Ethyl acetate	579	5000	<LOQ		Pass	Toluene	106	890	<LOQ		Pass
Diethyl Ether	579	5000	<LOQ		Pass	Xylenes	255	2170	<LOQ		Pass
n-Heptane	579	5000	<LOQ		Pass	m/p-Xylene	509		<LOQ		
Hexanes	37.0	290	<LOQ		Pass	o-Xylene	255		<LOQ		
n-Hexane	37.0		<LOQ			Ethyl benzene	255		<LOQ		
2-Methylpentane	37.0		<LOQ								
3-Methylpentane	37.0		<LOQ								
2,2-Dimethylbutane	37.0		<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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PJLA
Accredited License #96186
Scope of Accreditations #L20-308

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Sample: S202102-04

CC ID#: 2202C4L0105.1098
Lot#: L230110221042TwistedHaze
Batch#: L230110221042
Batch Size: N/A

FINAL**Sample Name: Twisted Haze Shatter**

Strain Name: Twisted Haze

Matrix: Concentrates Extracts

Sample Received: 02/25/2022

Report Created: 03/04/2022

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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