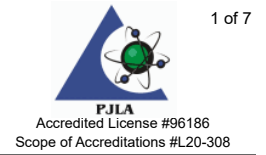




Certificate of Analysis

AZDHS Certification # 05LCMI00301434



WHOQA QC, Reef Dispensaries
 5436 W Latham St, Phoenix, AZ 85043
 Phoenix, AZ 85043
 (602) 799-0201
 Lic#: 0000000042DCSI00109560

Sample: S110064-05
 CC ID#: 2110C4L0065.5337
 Lot#: N/A
 Batch#: TCA.VKU.1014.2021.BUD
 Batch Size: 10

FINAL

Sample Name: V Kush Budder
 Strain Name: V Kush
 Matrix: Concentrates Extracts

Sample Received: 10/22/2021
 Report Created: 11/01/2021



Potency Results

83.0%	<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	Herbicide	Metals
PASS	PASS	PASS	PASS	NOT TESTED	PASS



C4 LABORATORIES

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 Scottsdale, AZ 85260
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Dennis Wells
 CSO/QAM



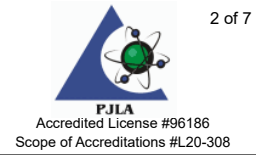
ARIZONA DEPARTMENT
 OF HEALTH SERVICES

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 Batch Size: 10

FINAL

Sample Name: V Kush Budder
 Strain Name: V Kush
 Matrix: Concentrates Extracts

Sample Received: 10/22/2021
 Report Created: 11/01/2021

Cannabinoids by HPLC - Medical

Date Analyzed: 10/26/2021 Analyst Initials: KWT

Analyte	LOQ	Mass	Mass	Q
	%	%	mg/g	
THCA	1.57	90.2	902.00	
d9-THC	1.57	3.92	39.20	
d8-THC	1.57	<LOQ	<LOQ	
CBDA	1.57	<LOQ	<LOQ	
CBD	1.57	<LOQ	<LOQ	
CBG	1.57	<LOQ	<LOQ	
CBN	1.57	<LOQ	<LOQ	
CBC	1.57	<LOQ	<LOQ	
Total Cannabinoids	1.57	94.1	941.00	
Total THC	1.57	83.0	830.00	
Total CBD	1.57	<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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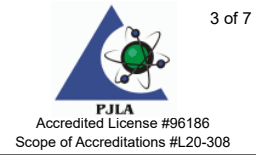


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Sample: S110064-05
 CC ID#: 2110C4L0065.5337
 Lot#: N/A
 Batch#: TCA.VKU.1014.2021.BUD
 Batch Size: 10

FINAL

Sample Name: V Kush Budder
Strain Name: V Kush
Matrix: Concentrates Extracts

Sample Received: 10/22/2021
 Report Created: 11/01/2021

Pesticides by LCMSMS - Medical

Pass

Date Analyzed: 10/29/2021 Analyst Initials: JCB

Analyte	LOQ	Limit	Units	Q	Status	Analyte	LOQ	Limit	Units	Q	Status
	ppm	ppm	ppm				ppm	ppm	ppm		
Abamectin	0.110	0.5	<LOQ	M2	Pass	Hexythiazox	0.250	1.0	<LOQ	M2	Pass
Acephate	0.100	0.4	<LOQ		Pass	Imazalil	0.100	0.2	<LOQ		Pass
Acequinocyl	0.500	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		Pass	Methomyl	0.100	0.4	<LOQ		Pass
Boscalid	0.100	0.4	<LOQ		Pass	Myclobutanil	0.050	0.2	<LOQ		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		Pass
Chlorfenapyr	0.500	1.0	<LOQ	M2, R1	Pass	Permethrins	0.050	0.2	<LOQ	M1	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	0.500	2.0	<LOQ		Pass
Cyfluthrin	0.500	1.0	<LOQ		Pass	Prallethrin	0.100	0.2	<LOQ		Pass
Cypermethrin	0.250	1.0	<LOQ	M2	Pass	Propiconazole	0.100	0.4	<LOQ		Pass
Daminozide	0.500	1.0	<LOQ		Pass	Propoxur	0.050	0.2	<LOQ		Pass
Diazinon	0.050	0.2	<LOQ		Pass	Pyrethrins	0.322	1.0	<LOQ	M1	Pass
Dichlorvos	0.050	0.1	<LOQ		Pass	Pyridaben	0.050	0.2	<LOQ	M2	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		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	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
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Scope of Accreditations #L20-308

WHOA QC, Reef Dispensaries

5436 W Latham St; Phoenix, AZ 85043
Phoenix, AZ 85043
(602) 799-0201
Lic#: 0000000042DCSI00109560

Sample: S110064-05

CC ID#: 2110C4L0065.5337
Lot#: N/A
Batch#: TCA.VKU.1014.2021.BUD
Batch Size: 10

FINAL**Sample Name: V Kush Budder**

Strain Name: V Kush

Matrix: Concentrates Extracts

Sample Received: 10/22/2021

Report Created: 11/01/2021

Metals by ICPMS - Medical**Pass**

Date Analyzed: 10/28/2021 Analyst Initials: MDC

Analyte	LOQ	Limit	Mass	Q	Status
	ppm	ppm	ppm		
Arsenic	0.099	0.4	<LOQ		Pass
Cadmium	0.099	0.4	<LOQ		Pass
Lead	0.398	1.0	<LOQ		Pass
Mercury	0.398	1.2	<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: 10/25/2021 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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Phoenix, AZ 85043
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Lic#: 0000000042DCSI00109560

Sample: S110064-05

CC ID#: 2110C4L0065.5337
Lot#: N/A
Batch#: TCA.VKU.1014.2021.BUD
Batch Size: 10

FINAL**Sample Name: V Kush Budder**

Strain Name: V Kush

Matrix: Concentrates Extracts

Sample Received: 10/22/2021

Report Created: 11/01/2021

Microbials**Pass****E. coli by 3M Petrifilm- Medical****Plate**

Date Analyzed: 10/27/2021 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: 10/27/2021 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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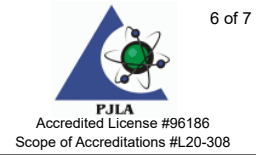
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 Phoenix, AZ 85043
 (602) 799-0201
 Lic#: 0000000042DCSI00109560

Sample: S110064-05
 CC ID#: 2110C4L0065.5337
 Lot#: N/A
 Batch#: TCA.VKU.1014.2021.BUD
 Batch Size: 10

FINAL

Sample Name: V Kush Budder
Strain Name: V Kush
Matrix: Concentrates Extracts

Sample Received: 10/22/2021
 Report Created: 11/01/2021

Residual Solvents by Headspace GCMS - Medical

Pass

Date Analyzed: 10/28/2021 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	M1	Pass	2,3-Dimethylbutane	39.8		<LOQ	M1	
Acetonitrile	49.8	410	<LOQ		Pass	2-Propanol (IPA)	622	5000	<LOQ		Pass
Benzene	0.7	2	<LOQ	M1	Pass	Isopropyl acetate	622	5000	<LOQ		Pass
Butanes	622	5000	<LOQ		Pass	Methanol	373	3000	<LOQ		Pass
n-Butane	622		<LOQ	M1, R1		Pentanes	622	5000	<LOQ		Pass
iso-Butane	622		<LOQ	M1, R1		n-Pentane	622		<LOQ	M1	
Chloroform	14.9	60	<LOQ		Pass	iso-pentane	622		<LOQ	M1	
Dichloromethane	74.6	600	<LOQ		Pass	neo-Pentane	622		<LOQ	M1, R1	
Ethanol	622	5000	<LOQ		Pass	Propane	622	5000	<LOQ	M1, R1	Pass
Ethyl acetate	622	5000	<LOQ		Pass	Toluene	114	890	<LOQ		Pass
Diethyl Ether	622	5000	<LOQ	M1	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	M1		Ethyl benzene	274		<LOQ		
2-Methylpentane	39.8		<LOQ	M1							
3-Methylpentane	39.8		<LOQ	L1, M1							
2,2-Dimethylbutane	39.8		<LOQ	M1							

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



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Lot#: N/A
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Batch Size: 10

FINAL**Sample Name: V Kush Budder**

Strain Name: V Kush

Matrix: Concentrates Extracts

Sample Received: 10/22/2021

Report Created: 11/01/2021

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.
R1	The RPD for the LCS/LCSD pair exceeded 20% but recoveries were 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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