Certificate of Analysis

AZDHS Certification # 05LCMI00301434

PJLA
Accredited License #96186
Scope of Accreditations #L20-308

Big Bud Farms
12550 W Thunderbird Rd
El Mirage, AZ 85335
(623) 742-5912
Lic#: 1592258DARY4650716

AMENDED

Sample: S202086-37
CC ID#: 2202C4L0089.1043
Lot#: N/A
Batch#: BB02
Batch Size: N/A

Sample Name:Distillate
Strain Name: Distillate
Matrix: Concentrates Extracts

Sample Received: 02/22/2022
Report Created: 03/03/2022

Potency Results

80.9%	<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

C4 LABORATORIES
7650 E. Evans Rd, Unit A
Scottsdale, AZ 85260
(480) 219-6460
http://www.c4lab.com
Lic.#00000005LCMI00301434

Dennis Wells
CSO/QAM

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Lot#: N/A
Batch#: BB02
Batch Size: N/A

Sample Name:Distillate
Strain Name: Distillate
Matrix: Concentrates Extracts

Sample Received: 02/22/2022
Report Created: 03/03/2022

Cannabinoids by HPLC - Medical

Date Analyzed: 02/23/2022 Analyst Initials: KWT

Analyte	LOQ	Mass	Mass	Q
	%	%	mg/g	
THCA	1.41	<LOQ	<LOQ	
d9-THC	1.41	80.9	809.00	
d8-THC	1.41	<LOQ	<LOQ	
CBDA	1.41	<LOQ	<LOQ	
CBD	1.41	<LOQ	<LOQ	M1
CBG	1.41	<LOQ	<LOQ	
CBN	1.41	1.69	16.90	
CBC	1.41	2.35	23.50	
Total Cannabinoids	1.41	84.9	849.00	
Total THC	1.41	80.9	809.00	
Total CBD	1.41	<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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AMENDED

Sample: S202086-37

CC ID#: 2202C4L0089.1043
Lot#: N/A
Batch#: BB02
Batch Size: N/A

Sample Name:Distillate
Strain Name: Distillate
Matrix: Concentrates Extracts

Sample Received: 02/22/2022
Report Created: 03/03/2022

Pesticides by LCMSMS - Medical

Pass

Date Analyzed: 02/26/2022 Analyst Initials: EXP

Analyte	LOQ	Limit	Units	Q	Status
	ppm	ppm	ppm		
Abamectin	0.090	0.5	<LOQ		Pass
Acephate	0.100	0.4	<LOQ		Pass
Acequinocyl	0.498	2.0	<LOQ		Pass
Acetamiprid	0.050	0.2	<LOQ		Pass
Aldicarb	0.100	0.4	<LOQ		Pass
Azoxystrobin	0.050	0.2	<LOQ		Pass
Bifenazate	0.050	0.2	<LOQ		Pass
Bifenthrin	0.050	0.2	<LOQ	M2	Pass
Boscalid	0.100	0.4	<LOQ		Pass
Carbaryl	0.050	0.2	<LOQ		Pass
Carbofuran	0.050	0.2	<LOQ		Pass
Chlorantraniliprole	0.050	0.2	<LOQ		Pass
Chlorfenapyr	0.498	1.0	<LOQ	M2	Pass
Chlorpyrifos	0.050	0.2	<LOQ		Pass
Clofentezine	0.050	0.2	<LOQ		Pass
Cyfluthrin	0.498	1.0	<LOQ		Pass
Cypermethrin	0.249	1.0	<LOQ		Pass
Daminozide	0.498	1.0	<LOQ		Pass
Diazinon	0.050	0.2	<LOQ		Pass
Dichlorvos	0.050	0.1	<LOQ		Pass
Dimethoate	0.050	0.2	<LOQ		Pass
Ethoprophos	0.050	0.2	<LOQ		Pass
Etofenprox	0.100	0.4	<LOQ		Pass
Etoxazole	0.050	0.2	<LOQ		Pass
Fenoxycarb	0.050	0.2	<LOQ		Pass
Fenpyroximate	0.100	0.4	<LOQ		Pass
Fipronil	0.100	0.4	<LOQ	L1, M1, V1	Pass
Flonicamid	0.249	1.0	<LOQ		Pass
Fludioxonil	0.100	0.4	<LOQ		Pass

Analyte	LOQ	Limit	Units	Q	Status
	ppm	ppm	ppm		
Hexythiazox	0.249	1.0	<LOQ	M2	Pass
Imazalil	0.100	0.2	<LOQ		Pass
Imidacloprid	0.100	0.4	<LOQ		Pass
Kresoxim-methyl	0.100	0.4	<LOQ		Pass
Malathion	0.050	0.2	<LOQ		Pass
Metalaxyl	0.100	0.2	<LOQ		Pass
Methiocarb	0.050	0.2	<LOQ		Pass
Methomyl	0.100	0.4	<LOQ		Pass
Myclobutanil	0.050	0.2	<LOQ		Pass
Naled	0.125	0.5	<LOQ		Pass
Oxamyl	0.249	1.0	<LOQ		Pass
Paclobutrazol	0.100	0.4	<LOQ		Pass
Permethrins	0.050	0.2	<LOQ	M2	Pass
Phosmet	0.050	0.2	<LOQ		Pass
Piperonyl butoxide	0.498	2.0	<LOQ		Pass
Prallethrin	0.100	0.2	<LOQ		Pass
Propiconazole	0.100	0.4	<LOQ		Pass
Propoxur	0.050	0.2	<LOQ		Pass
Pyrethrins	0.321	1.0	<LOQ		Pass
Pyridaben	0.050	0.2	<LOQ		Pass
Spinosad	0.050	0.2	<LOQ		Pass
Spiromesifen	0.050	0.2	<LOQ		Pass
Spirotetramat	0.050	0.2	<LOQ		Pass
Spiroxamine	0.100	0.4	<LOQ		Pass
Tebuconazole	0.100	0.4	<LOQ		Pass
Thiacloprid	0.050	0.2	<LOQ		Pass
Thiamethoxam	0.050	0.2	<LOQ		Pass
Trifloxystrobin	0.050	0.2	<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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El Mirage, AZ 85335
(623) 742-5912
Lic#: 1592258DARY4650716

AMENDED

Sample: S202086-37
CC ID#: 2202C4L0089.1043
Lot#: N/A
Batch#: BB02
Batch Size: N/A

Sample Name:Distillate
Strain Name: Distillate
Matrix: Concentrates Extracts

Sample Received: 02/22/2022
Report Created: 03/03/2022

Metals by ICPMS - Medical

Pass

Date Analyzed: 02/24/2022 Analyst Initials: ASJ

Analyte	LOQ	Limit	Mass	Q	Status
	ppm	ppm	ppm		
Arsenic	0.100	0.405	<LOQ		Pass
Cadmium	0.100	0.405	<LOQ		Pass
Lead	0.400	1.05	<LOQ		Pass
Mercury	0.400	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: 02/25/2022 Analyst Initials: KAM

Analyte	LOQ	Limit	Mass	Q	Status
	ppb	ppb	ppb		
Aflatoxins Total	2.00	20	3.67		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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AMENDED

Sample: S202086-37
CC ID#: 2202C4L0089.1043
Lot#: N/A
Batch#: BB02
Batch Size: N/A

Sample Name:Distillate
Strain Name: Distillate
Matrix: Concentrates Extracts

Sample Received: 02/22/2022
Report Created: 03/03/2022

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	1.1	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: 02/24/2022 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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AMENDED

Sample: S202086-37
CC ID#: 2202C4L0089.1043
Lot#: N/A
Batch#: BB02
Batch Size: N/A

Sample Name:Distillate
Strain Name: Distillate
Matrix: Concentrates Extracts

Sample Received: 02/22/2022
Report Created: 03/03/2022

Residual Solvents by Headspace GCMS - Medical

Pass

Date Analyzed: 02/23/2022 Analyst Initials: SML

Analyte	LOQ	Limit	Units	Q	Status
	ppm	ppm	ppm		
Acetone	126	1000	<LOQ		Pass
Acetonitrile	50.3	410	<LOQ		Pass
Benzene	0.7	2	<LOQ		Pass
Butanes	628	5000	<LOQ		Pass
n-Butane	628		<LOQ		
iso-Butane	628		<LOQ		
Chloroform	15.1	60	<LOQ		Pass
Dichloromethane	75.4	600	<LOQ		Pass
Ethanol	628	5000	<LOQ		Pass
Ethyl acetate	628	5000	<LOQ		Pass
Diethyl Ether	628	5000	<LOQ		Pass
n-Heptane	628	5000	<LOQ		Pass
Hexanes	40.2	290	<LOQ		Pass
n-Hexane	40.2		<LOQ		
2-Methylpentane	40.2		<LOQ		
3-Methylpentane	40.2		<LOQ		
2,2-Dimethylbutane	40.2		<LOQ		
2,3-Dimethylbutane	40.2		<LOQ		
2-Propanol (IPA)	628	5000	<LOQ		Pass
Isopropyl acetate	628	5000	<LOQ		Pass
Methanol	377	3000	<LOQ		Pass
Pentanes	628	5000	<LOQ		Pass
n-Pentane	628		<LOQ		
iso-pentane	628		<LOQ		
neo-Pentane	628		<LOQ		
Propane	628	5000	<LOQ	M2	Pass
Toluene	116	890	<LOQ		Pass
Xylenes	276	2170	<LOQ		Pass
m/p-Xylene	553		<LOQ		
o-Xylene	276		<LOQ		
Ethyl benzene	276		<LOQ		

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Solvents method: GC/MS

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AMENDED

Sample: S202086-37
CC ID#: 2202C4L0089.1043
Lot#: N/A
Batch#: BB02
Batch Size: N/A

Sample Name:Distillate
Strain Name: Distillate
Matrix: Concentrates Extracts

Sample Received: 02/22/2022
Report Created: 03/03/2022

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.
R2	The RPD for a sample and duplicate exceeds the control limit.
R3	The RPD for the sample duplicate pair could not be accurately calculated do to low analyte concentration.
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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March 3rd, 2022

To Whom It May Concern:

This letter confirmed the request made by Anthony Harrington of Big Bud Farms to amend the order 2202C4L0089. Sample .1043 in this order needs to be amended by editing the batch/lot numbers in sample Distillate from the incorrect number: BB03 to the correct number: BB02 per clients' request on their final certificate of analysis.

Per AZDHS, if any kind of sample information is altered after the report is issued, then the only way a new report could be valid and defensible would be for the new report to have information of what was changed, date of change, who changed and why. This can be in the information area of the CoA.

Below is Anthony Harrington's official request received 03-03-22:

Big Bud Farms *10:02 AM (1 hour ago)*

to me

.

Hey Tina nice talking with you this morning.

The batch that is incorrect is the distillate, should be batch BB02, not BB03.

Thank you

Anthony Harrington, MBA, MSA

BIG BUD FARMS

Ryan Treacy
Founder and CEO
C4 Laboratories