Certificate of Analysis

AZDHS Certification # 00000005LCMI00301434

PJLA
Accreditation No.: 96186
Certificate No.: L22-417-R1

ASV AZ Operating Inc.
318 S. Bracken Lane
Chandler, AZ 85224
1(480) 553-8805
Lic#: 00000072DCMU00762354

FINAL

Sample: S306007-03
CC ID#: 2306C4L0006.1797
Lot#: N/A
Batch#: 230602-3000
Batch Size: N/A

Sample Name:Mother Batch: 230602-3000
Strain Name: Mixed
Matrix: Concentrates Extracts

Sample Received: 06/05/2023
Report Created: 06/09/2023

Potency Results

77.0%	<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

C4 LABORATORIES
7650 E. Evans Rd, Unit A
Scottsdale, AZ 85260
(480) 219-6460
http://www.c4lab.com
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Jillian Blaney
Technical Laboratory Director

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Sample Received: 06/05/2023
Report Created: 06/09/2023

Cannabinoids by HPLC - Medical

Date Analyzed: 06/06/2023 Analyst Initials: DRF

Analyte	LOQ	Mass	Mass	Q
	%	%	mg/g	
THCA	1.52	10.9	109.00	
d9-THC	1.52	67.4	674.00	
d8-THC	1.52	<LOQ	<LOQ	
CBDA	1.52	<LOQ	<LOQ	
CBD	1.52	<LOQ	<LOQ	M1
CBG	1.52	2.94	29.40	
CBN	1.52	<LOQ	<LOQ	
CBC	1.52	<LOQ	<LOQ	
Total Cannabinoids	1.52	81.3	813.00	Q3
Total THC	1.52	77.0	770.00	
Total CBD	1.52	<LOQ	<LOQ	

Total THC= THCa * 0.877 + d9-THC. Total CBD= CBDa * 0.877 + CBD.
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Cannabinoids method: HPLC-DAD.

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CC ID#: 2306C4L0006.1797
Lot#: N/A
Batch#: 230602-3000
Batch Size: N/A

Sample Name:Mother Batch: 230602-3000

Strain Name: Mixed
Matrix: Concentrates Extracts

Sample Received: 06/05/2023
Report Created: 06/09/2023

Pesticides by LCMSMS - Medical

Pass

Date Analyzed: 06/07/2023 Analyst Initials: CAC

Analyte	LOQ	Limit	Units	Q	Status
	ppm	ppm	ppm		
Abamectin	0.120	0.5	<LOQ	M2, V1	Pass
Acephate	0.100	0.4	<LOQ	L1, M1, V1	Pass
Acequinocyl	0.500	2.0	<LOQ	V1	Pass
Acetamiprid	0.050	0.2	<LOQ		Pass
Aldicarb	0.100	0.4	<LOQ	M1, V1	Pass
Azoxystrobin	0.050	0.2	<LOQ		Pass
Bifenazate	0.050	0.2	<LOQ	M1	Pass
Bifenthrin	0.050	0.2	<LOQ		Pass
Boscalid	0.100	0.4	<LOQ		Pass
Carbaryl	0.050	0.2	<LOQ	L1, M1, V1	Pass
Carbofuran	0.050	0.2	<LOQ		Pass
Chlorantraniliprole	0.050	0.2	<LOQ	V1	Pass
Chlorfenapyr	0.500	1.0	<LOQ	L1, M2	Pass
Chlorpyrifos	0.050	0.2	<LOQ		Pass
Clofentezine	0.050	0.2	<LOQ		Pass
Cyfluthrin	0.500	1.0	<LOQ	M2, V1	Pass
Cypermethrin	0.250	1.0	<LOQ	M2, V1	Pass
Daminozide	0.500	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	L1	Pass
Fenpyroximate	0.100	0.4	<LOQ	M2	Pass
Fipronil	0.100	0.4	<LOQ		Pass
Flonicamid	0.250	1.0	<LOQ		Pass
Fludioxonil	0.100	0.4	<LOQ		Pass

Analyte	LOQ	Limit	Units	Q	Status
	ppm	ppm	ppm		
Hexythiazox	0.250	1.0	<LOQ	L1, M2	Pass
Imazalil	0.100	0.2	<LOQ	M1, V1	Pass
Imidacloprid	0.100	0.4	<LOQ		Pass
Kresoxim-methyl	0.100	0.4	<LOQ	L1, M1, V1	Pass
Malathion	0.050	0.2	<LOQ	L1, M1, V1	Pass
Metalaxyl	0.100	0.2	<LOQ		Pass
Methiocarb	0.050	0.2	<LOQ	L1, M1, V1	Pass
Methomyl	0.100	0.4	<LOQ		Pass
Myclobutanil	0.050	0.2	<LOQ	L1	Pass
Naled	0.125	0.5	<LOQ	L1, M1, V1	Pass
Oxamyl	0.250	1.0	<LOQ		Pass
Paclobutrazol	0.100	0.4	<LOQ	L1, M1, V1	Pass
Permethrins	0.050	0.2	<LOQ		Pass
Phosmet	0.050	0.2	<LOQ	L1, M1, V1	Pass
Piperonyl butoxide	0.500	2.0	<LOQ		Pass
Prallethrin	0.100	0.2	<LOQ	L1, V1	Pass
Propiconazole	0.100	0.4	<LOQ		Pass
Propoxur	0.050	0.2	<LOQ		Pass
Pyrethrins	0.322	1.0	<LOQ	L1, V1	Pass
Pyridaben	0.050	0.2	<LOQ	M2, V1	Pass
Spinosad	0.050	0.2	<LOQ	V1	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	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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FINAL

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Lot#: N/A
Batch#: 230602-3000
Batch Size: N/A

Sample Name:Mother Batch: 230602-3000
Strain Name: Mixed
Matrix: Concentrates Extracts

Sample Received: 06/05/2023
Report Created: 06/09/2023

Metals by ICPMS - Medical

Pass

Date Analyzed: 06/07/2023 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	0.396	1.05	<LOQ		Pass
Mercury	0.396	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: 06/08/2023 Analyst Initials: MRB

Analyte	LOQ	Limit	Mass	Q	Status
	ppb	ppb	ppb		
Aflatoxins Total	2.00	20	2.06		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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Batch Size: N/A

Sample Name:Mother Batch: 230602-3000
Strain Name: Mixed
Matrix: Concentrates Extracts

Sample Received: 06/05/2023
Report Created: 06/09/2023

Microbials

Pass

E. coli by 3M Petrifilm- Medical

Plate

Date Analyzed: 06/09/2023 Analyst Initials: KAM

Analyte	LOQ	Limit	Mass	Q	Status
	cfu/g	cfu/g	cfu/g		
E. coli	11	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: 06/09/2023 Analyst Initials: KAM

Analyte	Mass	Q	Status
Salmonella spp.	Not Detected		Pass
Aspergillus	Not Detected		Pass

Notes: Aerobic plate counts and yeast and mold are provided for informational purposes only.
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E. coli by Petrifilm, Salmonella and Aspergillus by Medicinal Genomics.

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Batch#: 230602-3000
Batch Size: N/A

Sample Name:Mother Batch: 230602-3000
Strain Name: Mixed
Matrix: Concentrates Extracts

Sample Received: 06/05/2023
Report Created: 06/09/2023

Residual Solvents by Headspace GCMS - Medical

Pass

Date Analyzed: 06/06/2023 Analyst Initials: SML

Analyte	LOQ	Limit	Units	Q	Status
	ppm	ppm	ppm		
Acetone	122	1000	<LOQ		Pass
Acetonitrile	48.8	410	<LOQ		Pass
Benzene	0.976	2	<LOQ		Pass
Butanes	610	5000	<LOQ		Pass
n-Butane	610		<LOQ	L1	
iso-Butane	610		<LOQ	L1, M3, V1	
Chloroform	14.6	60	<LOQ		Pass
Dichloromethane	73.2	600	<LOQ		Pass
Ethanol	610	5000	<LOQ		Pass
Ethyl acetate	610	5000	<LOQ		Pass
Diethyl Ether	610	5000	<LOQ		Pass
n-Heptane	610	5000	<LOQ		Pass
Hexanes	39.0	290	<LOQ		Pass
n-Hexane	39.0		<LOQ		
3-Methylpentane	39.0		<LOQ		
2,2-Dimethylbutane	39.0		<LOQ		
2-methylpentane/2, 3-dimethylbutane	78.0		<LOQ		
2-Propanol (IPA)	610	5000	<LOQ		Pass
Isopropyl acetate	610	5000	<LOQ		Pass
Methanol	366	3000	<LOQ		Pass
Pentanes	610	5000	<LOQ		Pass
n-Pentane	610		<LOQ		
iso-pentane	610		<LOQ		
neo-Pentane	610		<LOQ		
Propane	610	5000	<LOQ		Pass
Toluene	112	890	<LOQ		Pass
Xylenes	268	2170	<LOQ		Pass
m/p-Xylene	537		<LOQ		
o-Xylene	268		<LOQ		
Ethyl benzene	268		<LOQ		

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Solvents method: GC/MS

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Matrix: Concentrates Extracts

Sample Received: 06/05/2023
Report Created: 06/09/2023

Notes and Definitions

Item	Definition
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.
M3	Matrix Spike recovery was unusable due to high analyte concentration in the sample but recovery of the LCS was within control limits.
Q3	Testing result is for informational purposes only and cannot be used to satisfy dispensary testing requirements in R9-17-317.01(A) or labeling requirements in R9-17-317. Testing result is not accredited under ISO 17025.
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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