



Product Testing Cover Page

Product Information

Product Name:	
Batch ID:	
MMJ Weight:	
Product Form:	
Strain:	

Distribution Chain:

Type:	
Cultivated by:	
Cultivated Date A:	
Cultivated Date B:	
Cultivated Date C:	
Extraction By:	
Extraction Manufacturing Date:	
Extraction Method:	
Edible Manufactured By:	
Edible Manufacturing Date:	
Edible Use by Date:	
Packaged By:	
Distributed By:	

Distribution Chain:

Type:	
Cultivated by:	
Cultivated Date A:	
Cultivated Date B:	
Cultivated Date C:	
Extraction By:	
Extraction Manufacturing Date:	
Extraction Method:	
Edible Manufactured By:	
Edible Manufacturing Date:	
Edible Use by Date:	
Packaged By:	
Distributed By:	



**Found in the Following
Locations:**

- 203 Organix ,LLC:
00000070ESCO78837103 -
00000074DCGW00540313
- 46 Wellness LLC(D2
Dispensary):
000000116DCJL00597353
- 480 License Holdings, LLC:
0000154ESTQI31348041
- ABACA Ponderosa, LLC :
00000116ESSM79524188 –
00000075DCPP00704676
- Absolute Health Care Inc.:
00000027ESMP88938972
- AD, LLC DBA:
00000092DCEG00124317 -
00000006ESWX56565424
- All Rebel Rockers Inc.:
00000131ESYX97720376
- Apache County Dispensary
LLC.(Elevate Springerville):
00000133ESGJ79432018
- Arizona Natural Pain
Solutions I :
00000096ESWI60030184
- 00000013DCOU00042197
- Arizona Natural Wellness:
00000030ESDG72791381
- Arizona Organix:
00000099DCPL00826691
- Arizona Golden Leaf
Wellness, LLC (DBA Nature
Med):
00000077DCPS00216601
- AZCL1:
00000054ESDU93884651
- AZGM3, INC(Zen Leaf
Chandler):
000000126DCSO00060479
- Border Health Inc.(Sticky
Saguaro):
00000022ESMC44584355
- Byers Dispensary Inc:
00000054DCOV00321891 -
00000003ESPF54627423
- Cannabis Research
Group(Story Cannabis
Tolleson):
00000104ESDH57805022
- Catalina Hills Botanical Care:
00000025ESOX62486193
- Compassionate Care of AZ,
Inc.(Kompo):
00000068DCJU00476804
- CSI Solutions Inc (Sol Flower
Scottsdale Airport):
00000008DCJ00257791 -
00000012ESIS11195422
- Curious Cultivators I LLC
(Story Cannabis Lake
Havas):
0000155ESTWD37312465
- Curaleaf Michigan Ave:
00000076DCBK00035366
- Desert Medical Campus:
00000038ESPN59181329 -
00000024DCT00479209
- Devine Desert Healing Inc.:
00000026ESRZ88769978
- Devine Desert Healing
Inc.(Curaleaf Phoenix N 19th):
00000026ESRZ88769978
- Dream Green(24th St.):
00000073DCSV00210732 –
00000078ESQ10647381
- Dynamic Trio Holdings
LLC.(Cave Creek Cannabis):
0000001DCQP00496571
- Earth's Healing Benson:
00000027DCPI00457346
- East Valley Patient Wellness
Group Inc (Sol Flower Sun
City):
00000063DCTB00283389 -
00000019ESXY11403163
- Forever 46 LLC(The
Downtown Dispensary):
00000057DCHF00477864
- Formula 420 Cannabis, LLC:
00000135ESGE19332725
- Fort Consulting LLC(Zen Leaf
Cave Creek):
00000105DCOU00194638
- Fort Mountain Consulting,
LLC:
00000134DCUJ00307958 -
00000016ESBY46918805
- Forty Eight Farms Holding
LLC(Zen Leaf Mesa):
00000084ESFH12297246
- FWA, INC (Farm Fresh):
00000043DCBC00869823
- Gila Dreams X, LLC:
00000137ESPF58509627
- Giving Tree Dispensary:
000000021DCLU00461342
- Globe Pharmacy Inc:
00000045DCYU00647140
- Green Desert Patient Center
of Peoria:
00000023DCAK00675039 –
00000082ESUB29429633
- Green Hills Patient Center:
00000051DCYH00987523
- Greenmed, Inc(Jars Tucson):
00000017DCEX00412883 -
00000113ESLZ23317951
- GreenPharms Flagstaff:
00000038DCAL00224416
- Green Sky Patient Center of
Scottsdale:
00000022DCRX00190936 -
00000081ESLT56066782
- Hana Green Valley:
00000096DCXQ00231932
- Hana Meds:
00000003DCOU00038157
- Harvest of Apache Junction:
00000137DCOF00188324 -
00000011ESVC04035599
- Healing Healthcare 3 Inc.:
00000020ESEN67630727
- H4L Ponderosa, LLC:
00000118ESDH66162163 -
00000093DCBC00293679
- High Desert Healing LLC DBA:
0000005DCMV00766195 –
00000007ESWD35270682
- High Mountain Health LLC:
00000087ESWR93327597
- Holistic Patient Wellness
Group (Sol flower Tempe
McClintock):
00000019DCGM00234427 -
00000015ESEM68131310
- Joint Junkies I LLC (Story
Cannabis Williams):
0000158ESTLH17620655
- Juicy Joint I LLC(Story
Cannabis Bullhead City):
0000147ESTXX54706468
- Kannaboost Technology Inc
(Sol Flower Distribution):
00000118DCKD00426097 -
00000048ESNO41782628
- Kannaboost Technology Inc
(Sol Flower Tempe
University):
00000118DCKD00426097 -
00000048ESNO41782628
- K Group Partners:
00000029ESAA16670843
- Kind Meds Inc:
00000088ESUZ76069650 -
00000078DCBK00628996
- Kwerles, Inc:
00000125DCWD00787544 -
00000005ESIN89499585
- Lawrence Health Services
LLC: 00000136ESTJ56415147
- Legacy & CO., Inc.:
00000006DCDX00478035 –
00000079ESTS64678211
- Magnolia (Logistics): Green
Sky Patient Center of
Scottsdale, Inc:
00000081ESLT56066782
- MCCSE214 LLC:
0000164ESTEB22806734
- MCCSE240, LLC:
0000169ESTMB88870542
- MCCSE29, LLC (Story
Cannabis South):
0000149ESTUL49249395
- MCCSE82 LLC:
0000165ESTJX05511145
- Medical Pain Relief, Inc:
00000044DCCJ00900645 -
00000010ESIR42914838
- MK Associates LLC:
00000143ESKB17654619
- Mmj Apothecary:
00000100ESEC12878172 -
00000062DCAY00861940
- Mohave Cannabis Club 1 LLC:
00000098ESAA47054477 –
00000098ESAA47054477
- Mohave Cannabis Club 2,
LLC: 00000111DCCI00384281
– 000000119ESKK32735375

- Mohave Cannabis Club 3, LLC: 00000133DCEJ00283862 – 000000122ESRN95872973
- Mohave Cannabis Club 4, LLC: 00000123DCYU00460808 – 00000107ESVJ79465811
- Mohave Valley Consulting, LLC: 00000121DCLW00319285 - 00000017ESMI32133238
- Natural Herbal Remedies INC.(CuraLeaf Central Hub): 00000058ESFA63267513
- Natural Remedy Patient Center: 00000125ESMC92036121
- Nature Med Inc: 00000018DCST00941489 - 00000056ESPE9290831
- Nature's Healing Center Inc.(The Flower Shop PHX Hub): 00000041ESLU31226658
- Natures Wonder: 00000089ESLW87335751
- Pahana Inc: 00000129DCKL00602472 - 00000018ESKD27426528
- Patient Alternative Relief Center(Local Joint Arcadia by Zen Leaf): 00000091DCWY00555666 - 00000086ESQZ01367420
- Patient Care Center 301 Inc: 000000127DCSS00185167 - 00000004ESAN63639048
- Perpetual Healthcare Inc(Zen Leaf Dunlap): 00000033DCKK00134006
- Phoenix Cannabis Club Hub: 00000104ESDH57805022
- Phoenix Relief Center: 00000095DCVW00172644
- Phytotherapeutics of Tucson: 00000049ESUK39624376
- Pinal County Wellness Center: 00000059ESZW76539792
- Piper's Shop LLC: 00000138ESOA91816349
- Pleasant Plants I LLC(Story Cannabis Bell): 0000159ESTFT57497963
- Ponderosa Botanical Care Inc: 00000109ESVM44878444
- Ponderosa Releaf: 00000066DCBO00410690
- PP Wellness Center: 00000050ESTO08528992
- Purple Harvest, LLC DBA: 00000056DCLD00291476 - 00000130ESFL12611544
- RJK Ventures: 00000131DCY000924714
- Salubrious Wellness Clinic: 00000097DCGK00454998
- Sea of Green LLC: 00000113DCUX00454549
- S Flower N Phoenix, Inc (Sol Flower North Phoenix): 00000028DCGV00174888
- S Flower SE 1 Inc (Sol Flower Tucson Foothills): 0000166ESTNUI5027116
- S Flower SE 2 Inc (Sol Flower Tucson Valencia South): 0000163ESTSO81819209
- S Flower SE 3 Inc (Sol Flower Tucson 1st and River North): 0000171ESTSC03605413
- S Flower SE 4 Inc (Sol Flower Cases Adobes): 0000152ESTNJ52349435
- Sherri Dunn LLC: 000000124DCKQ00697385 - 00000055ESFL28376770
- Sixth Street Enterprises Inc(Story Cannabis Grand): 00000014DCHT00564851
- Sixth Street Enterprises Inc.(Story Cannabis McDowell): 00000088DCXB00897085
- Soothing Ponderosa, LLC: 00000117ESPN93487198
- Story Cannabis Oasis North: 00000100DCWU00857159
- Story Cannabis Revlon Hub: 00000100DCWU00857159
- Sunday Goods TEMPE 723: 00000114DCPD00232092
- Sunday Goods: 00000070DCBD00783295
- Svaccha LLC: 000000120DCEQ00578528 – 00000009ESJA48286920
- Sweet 5, LLC: 00000115DCGL00377020 - 00000013ESHH20255089
- The Flower Shop Tukee: 00000046DCYJ00671222
- The Giving Tree Wellness Center of Mesa: 00000084DCXM00601985 – 00000008ESJT20615662
- The Green Halo, LLC: 00000026DCOM00244803
- The Healing Center Pharmacy: 00000004DCKF00438872
- The Healing Center Wellness Center Llc: 00000115ESJB229 90289 - 00000041DCEN00861221
- The Kind Relief: 00000053ESYR15319850
- The Superior Dispensary: 00000065DCLV00799347
- Total Health & Wellness INC(Story Cannabis Glendale): 00000051ESYP04501588
- Total Health & Wellness INC(Story Cannabis South): 00000036DCOP00819772
- Total Health & Wellness (Jungle Boys): 00000036DCOP00819772 - 00000060ESTV86857950
- Trulieve of Phoenix: 0000135DCSM00130984 - 00000052ESLX15969554
- Vending Logistics LLC(Zen Leaf Gilbert): 00000043ESPE02331128
- Verde Dispensary Inc.(Medusa Farms): 00000089DCQY00546716
- Wickenburg Alternative Medicine LLC(Jars Cave Creek): 00000097ESKC38985532 - 00000061DCMK00381513
- Whoa QC Inc: 00000069ESPV40435704
- White Mountain Health Center: 00000103DCDR00369521
- Yavapai Herbal Services Inc: 0000156ESTDP70697204
- Yuma County Dispensary LLC: 00000145ESNP12373673
- ZonaCare: 00000024ESUV84524312
- Desert View Wellness & Healing Solutions LLC 00000038DCAL00224416



Grön
5619 N 53rd Ave.
Glendale, AZ 85301
License #: 00000031ESCS44452076
Sample ID: 2507SMAZ1251.3700
Batch #: AZSGM3A2825



SMITHERS

CERTIFICATE OF ANALYSIS

License #: 00000020LCVT89602592

Certificate: 15310

100MG THC MEGA SOUR GRAPE

Batch #: AZSGM3A2825

Strain: INDICA

Parent Batch #: 02.06.25.DSU /
SPO250423-003

Production Method: Alcohol

Harvest Date:

Received: 07/30/2025

Sample ID: 2507SMAZ1251.3700

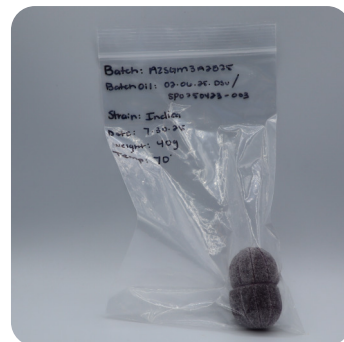
Amount Received: 41.7 g

Sample Type: Soft Chew

Sample Collected: 07/30/2025 11:50:00

Manufacture Date:

Published: 08/05/2025



COMPLIANCE FOR RETAIL

Regulated Analytes

Cannabinoid Profile (Q3)

Tested

Microbial Contaminants

Pass

Residual Solvents

Not Tested

Pesticides, Fungicides,
and Growth Regulators

Not Tested

Mycotoxins

Not Tested

Heavy Metals

Not Tested

9.978 mg/serving
99.778 mg/container
Total THC

0.029 mg/serving
0.291 mg/container
Total CBD

Additional Analytes (Not Regulated)

Terpenes Total (Q3)

Not Tested

Moisture Analysis (Q3)

Not Tested

Water Activity (Q3)

Not Tested

Filth & Foreign (Q3)

Not Tested

Homogeneity (Q3)

Not Tested

Additional Microbial
Contaminants (Q3)

Not Tested

0.104 mg/serving
1.040 mg/container
CBN

0.225 mg/serving
2.246 mg/container
CBG

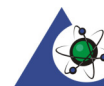
10.498 mg/serving
104.978 mg/container
Total Cannabinoids (Q3)

Ahmed Munshi

Technical Laboratory Director

Smithers CTS Arizona LLC

734 W Highland Avenue, 2nd Floor
Phoenix, AZ 85013
(602) 806-6930



Accreditation #: 103104

The product associated with this COA has been tested by Smithers CTS Arizona LLC, using validated state certified testing methodologies as required by Arizona state law. Testing results were obtained according to Smithers' quality assurance plan and requirements found in R9-17-404.03 and R9-17-404.04. This COA is governed by the terms and conditions listed on: <https://www.smithers.com/arizona-terms-conditions>



Grön
5619 N 53rd Ave.
Glendale, AZ 85301
License #: 00000031ESCS44452076
Sample ID: 2507SMAZ1251.3700
Batch #: AZSGM3A2825



SMITHERS

CERTIFICATE OF ANALYSIS
License #: 00000020LCVT89602592

Certificate: 15310

Cannabinoid Profile

HPLC

Tested

Sample Prep

Batch Date: 07/31/2025
SOP: 418.AZ
Batch Number: 3802
Test ID: 83960

Sample Analysis

Date: 08/01/2025
SOP: 417.AZ - HPLC
Sample Weight: 1.005 g
Volume: 10 mL

Analyte	LOD (mg/g)	LOQ (mg/g)	Dil.	Actual % (w/w)	mg/g	mg/serving	mg/package	Qualifier
CBC	0.003	0.010	1	0.004	0.044	0.092	0.915	
CBD	0.003	0.010	1	0.001	0.014	0.029	0.291	
CBDA	0.003	0.010	1	ND	ND	ND	ND	
CBDV	0.003	0.010	1	ND	ND	ND	ND	
CBG	0.003	0.010	1	0.011	0.108	0.225	2.246	
CBGA	0.003	0.010	1	ND	ND	ND	ND	
CBN	0.003	0.010	1	0.005	0.050	0.104	1.040	
d8-THC	0.003	0.010	1	ND	ND	ND	ND	
d9-THC	0.003	0.010	1	0.480	4.797	9.978	99.778	
THCA	0.003	0.010	1	<LOQ	<LOQ	<LOQ	<LOQ	
THCV	0.003	0.010	1	0.003	0.034	0.071	0.707	

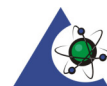
Cannabinoid Totals	Actual % (w/w)	mg/g	mg/serving	mg/package	Qualifier
Total THC	0.480	4.797	9.978	99.778	
Total CBD	0.001	0.014	0.029	0.291	
Total Cannabinoids	0.505	5.047	10.498	104.978	Q3

Total THC = THC + (0.877 x THCA) and Total CBD = CBD + (0.877 x CBDA)
ND = Not Detected, NT = Not Tested, <LOQ = Below Limit of Quantitation
Serving Weight: 2.08 None; Servings/Package: 10

Ahmed Munshi

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Smithers CTS Arizona LLC
734 W Highland Avenue, 2nd Floor
Phoenix, AZ 85013
(602) 806-6930



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Grön
5619 N 53rd Ave.
Glendale, AZ 85301
License #: 00000031ESCS44452076
Sample ID: 2507SMAZ1251.3700
Batch #: AZSGM3A2825



CERTIFICATE OF ANALYSIS
License #: 00000020LCVT89602592

Certificate: 15310

Microbial Analysis

Pass

Sample Prep

Batch Date: 07/31/2025
SOP: 412.AZ
Batch Number: 3808
Test ID: 83964

Sample Analysis

Date: 08/01/2025
SOP: 412.AZ - 3M Petrifilm
Sample Weight: 1.063 g

Analyte	Allowable Criteria	Actual Result	Pass/Fail	Qualifier
E. coli	< 10 CFU/g	< 10 CFU/g	Pass	

Sample Prep

Batch Date: 07/31/2025
SOP: 406.AZ
Batch Number: 3807
Test ID: 83966

Sample Analysis

Date: 08/01/2025
SOP: 406.AZ - qPCR (MG)
Sample Weight: 1.022 g

Analyte	Allowable Criteria	Actual Result	Pass/Fail	Qualifier
Salmonella	Not Detected in One Gram	Not Detected in One Gram	Pass	

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Grön
5619 N 53rd Ave.
Glendale, AZ 85301
License #: 00000031ESCS44452076
Sample ID: 2507SMAZ1251.3700
Batch #: AZSGM3A2825



SMITHERS

CERTIFICATE OF ANALYSIS
License #: 00000020LCVT89602592

Certificate: 15310

Qualifier Legend

- B1** The target analyte detected in the calibration is at or above the limit of quantitation, but the sample result for potency testing, is below the limit of quantitation.
- B2** The target analyte detected in the calibration blank, or the method blank is at or above the limit of quantitation, but the sample result when testing for pesticides, fungicides, herbicides, growth regulators, heavy metals, or residual solvents, is below the maximum allowable concentration for the analyte.
- D1** The limit of quantitation and the sample results were adjusted to reflect sample dilution.
- I1** The relative intensity of a characteristic ion in a sample analyte exceeded the acceptance with respect to the reference spectra, indicating interference.
- L1** When testing for pesticides, fungicides, herbicides, growth regulators, heavy metals, or residual solvents, the percent recovery of a laboratory control sample is greater than the acceptance limits, but the sample's target analytes were not detected above the maximum allowable concentrations for the analytes in the sample.
- M1** The recovery from the matrix spike was high, but the recovery from the laboratory control sample was within acceptance criteria.
- M2** The recovery from the matrix spike was low, but the recovery from the laboratory control sample was within acceptance criteria.
- M3** The recovery from the matrix spike was unusable because the analyte concentration was disproportionate to the spike level, but the recovery from the laboratory control sample was within acceptance criteria.
- M4** The analysis of a spiked sample required a dilution such that the spike recovery calculation does not provide useful information, but the recovery from the associated laboratory control sample was within acceptance criteria.
- M5** The analyte concentration was determined by the method of standard addition, in which the standard is added directly to the aliquots of the analyzed sample.
- M6** A description of the variance is described in the final report of testing according to R9-17-404.06(B)(3)(d)(ii).
- Q1** Sample integrity was not maintained.
- Q2** The sample is heterogeneous, and sample homogeneity could not be readily achieved using routine laboratory practices.
- 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.
- R1** The relative percent difference for the laboratory control sample and duplicate exceeded the limit, but the recovery was within acceptance criteria.
- R2** The relative percent difference for a sample and duplicate exceeded the limit.
- V1** The recovery from continuing calibration verification standards exceeded the acceptance limits, but the sample's target analytes were not detected above the maximum allowable for the analytes in the sample.

Cultivated By:

Manufactured By:

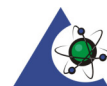
Disclaimer: Using marijuana during pregnancy could cause birth defects or other health issues to your unborn child.

Ahmed Munshi

Technical Laboratory Director

Smithers CTS Arizona LLC

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Phoenix, AZ 85013
(602) 806-6930



Accreditation #: 103104

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Grön
5619 N 53rd Ave.
Glendale, AZ 85301
License #: 00000031ESCS44452076
Sample ID: 2507SMAZ1251.3700
Batch #: AZSGM3A2825



SMITHERS

CERTIFICATE OF ANALYSIS

License #: 00000020LCVT89602592

Certificate: 15310

Notes:

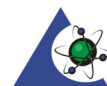


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Holistic Patient Wellness Group/Kannaboost Technology Inc.

00000019DCGM00234427/00000048ESNO41782628

Product Testing Cover Page

Product Name:	Distillate
Batch ID:	02.06.25.DSU
Harvest Date:	04/24/2022
Manufacture Date:	02/06/2025
Production Method:	Extraction
Extraction Method:	Ethanol
Use by Date:	N/A

“ARIZONA DEPARTMENT OF HEALTH SERVICES’ WARNING: Marijuana use can be addictive and can impair an individual’s ability to drive a motor vehicle or operate heavy machinery. Marijuana smoke contains carcinogens and can lead to an increased risk for cancer, tachycardia, hypertension, heart attack, and lung infection. Marijuana use may affect the health of a pregnant woman and the unborn child. **KEEP OUT OF REACH OF CHILDREN”**

“Using marijuana during pregnancy could cause birth defects or other health issues to your unborn child.”

Distribution Chain:

Cultivated by: 00000019DCGM00234427 Holistic Patient Wellness Group 650 N Industrial Dr., Snowflake, AZ 85937
Processed by: 00000086DCKR00375578 Herbal Wellness Center – Cultivation 4215 North 40th Ave. Pheonix, AZ 85019
Proc./Dist. by: 00000019DCGM00234427 Holistic Patient Wellness Group 650 N Industrial Dr., Snowflake, AZ 85937
Manufactured/Dist. by: 00000048ESNO41782628 Kannaboost Technology Inc 2424 W. University Dr., Tempe, AZ 85281

Intended Point of Sale:

HPWG dba Sol Flower McClintock - Med:00000019DCGM00234427|Rec:00000015ESEM68131310
1322 N. McClintock Dr. Tempe AZ 85281

EVPWG dba Sol Flower Sun City - Med:00000063DCTB00283389|Rec:00000019ESXY11403163
13650 N. 99th Ave Sun City AZ 85345

CSI Solutions dba Sol Flower Scottsdale Airpark - Med:00000008DCJJ00257791|Rec:00000012ES1S11195422
14980 N. 78th Way Scottsdale AZ 85260

S Flower N Phoenix, Inc. - 00000028DCGV00174888|00000093ESRF39774783
3217 E Shea Blvd Suite 1 A, Phoenix, AZ 850287

Sol Flower SE 2 dba Sol Flower South Tucson - 0000163ESTSO81819209
3000 W. Valencia Rd. Ste 210 Tucson AZ 85746

Sol Flower SE 1 dba Sol Flower Foothills - 0000166ESTNU15027116
6026 N Oracle Rd. Tucson AZ 85704

Sol Flower SE 4 dba Sol Flower Casas Adobes - 0000152ESTNJ52349435
6437 N. Oracle Rd Tucson AZ 85704

Sol Flower SE 3 dba Sol Flower North Tucson - 0000171ESTSC03605413
4837 N. 1st Ave Tucson AZ 85718

Kannaboost dba Sol Flower University - 00000048ESNO41782628
2424 W University Dr. Tempe AZ 85281

Natures Healing Center dba Gron AZ - 00000046DCYJ0067122
5619 N. 53rd Ave Glendale AZ 85301

02.06.25.DSU		
Strain	Batch	Harvest Date
Façade #2	0924FCD2.33	6/3/2024
First Class Funk	0924FCFK.33	6/12/2024
Grape Gas	0924GPGS.33	5/29/2024
GSC Snax	0924SCSX.33	6/4/2024
First Class Funk	2422FCFK.42.D	9/28/2022
Melonade #8	2422MLN8.41.D	9/28/2022
Dragon Fruit	5121DGF.11.WT	4/24/2022
Bubblegum Biscotti	1922BBIS.32	8/29/2022
Apple Mintz	2022APMZ.33	9/12/2022
Blue Dream	1822BLDR.34	8/4/2022
Pastries #34	1922PAST.32	8/29/2022
Horchata	0423HCHA.41	5/24/2023
Platinum Kush Br	0423PLTK.41	6/8/2023
Blackberry Moor	0823BMBX.31	6/29/2023
Coco Chnl	0823COCL.31	6/22/2023
Private Banana	0823PVBA.31	6/30/2023
Tumz	1023TUMZ.45	7/11/2023
Zqueeze	1023TZQE.45	7/6/2023
BBG Biscotti	0423BBIS.41	6/6/2023
Durban Poison	0423DNP.41	5/18/2023
Pink Certz	0823PNCZ.31	6/19/2023

02.06.25.DSU FP APO

Sample ID: 2502APO0633.3384
Strain: Grower's Blend Hybrid
Matrix: Concentrates & Extracts
Type: Distillate
Source Batch #:

Produced:
Collected: 02/11/2025 06:47 am
Received: 02/11/2025
Completed: 02/14/2025
Batch #: 02.06.25.DSU
Harvest Date: 04/24/2022

Client
Copperstate Farms
Lic. # 00000019DCGM00234427

Lot #:
Production/Manufacture Date: 02/06/2025
Production/Manufacture Method: Alcohol



Summary

Test	Date Tested	Result
Batch		Pass
Cannabinoids	02/12/2025	Complete
Residual Solvents	02/12/2025	Pass
Microbials	02/14/2025	Pass
Mycotoxins	02/12/2025	Pass
Pesticides	02/12/2025	Pass
Heavy Metals	02/12/2025	Pass

Cannabinoids by SOP-6

Complete

91.3512%	0.2509%	95.9453%	NT
Total THC	Total CBD	Total Cannabinoids ^(Q3)	Total Terpenes ^(Q3)

Analyte	LOD	LOQ	Result	Result	Q
	%	%	%	mg/g	
THCa		0.1000	ND	ND	
Δ9-THC		0.1000	91.3512	913.512	
Δ8-THC		0.1000	ND	ND	
THCV		0.1000	0.5932	5.932	
CBDa		0.1000	ND	ND	
CBD		0.1000	0.2509	2.509	
CBDVa		0.1000	ND	ND	
CBDV		0.1000	ND	ND	
CBN		0.1000	0.9591	9.591	
CBGa		0.1000	ND	ND	
CBG		0.1000	1.9708	19.708	
CBC		0.1000	0.8201	8.201	
Total THC			91.3512	913.5120	
Total CBD			0.2509	2.5090	
Total			95.9453	959.453	

Date Tested: 02/12/2025 07:00 am



Anthony Settanni
Anthony Settanni
Lab Director
02/14/2025

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02.06.25.DSU FP APO

Sample ID: 2502APO0633.3384
Strain: Grower's Blend Hybrid
Matrix: Concentrates & Extracts
Type: Distillate
Source Batch #:

Produced:
Collected: 02/11/2025 06:47 am
Received: 02/11/2025
Completed: 02/14/2025
Batch #: 02.06.25.DSU
Harvest Date: 04/24/2022

Client
Copperstate Farms
Lic. # 00000019DCGM00234427

Lot #:
Production/Manufacture Date: 02/06/2025
Production/Manufacture Method: Alcohol

Pesticides by SOP-22

Pass

Analyte	LOQ	Limit	Result	Q	Status	Analyte	LOQ	Limit	Result	Q	Status
	PPM	PPM	PPM				PPM	PPM	PPM		
Abamectin	0.2500	0.5000	ND		Pass	Hexythiazox	0.5000	1.0000	ND		Pass
Acephate	0.2000	0.4000	ND		Pass	Imazalil	0.1000	0.2000	ND		Pass
Acetamiprid	0.1000	0.2000	ND		Pass	Imidacloprid	0.2000	0.4000	ND		Pass
Aldicarb	0.2000	0.4000	ND		Pass	Kresoxim Methyl	0.2000	0.4000	ND		Pass
Azoxystrobin	0.1000	0.2000	ND		Pass	Malathion	0.1000	0.2000	ND		Pass
Bifenazate	0.1000	0.2000	ND		Pass	Metalaxyl	0.1000	0.2000	ND		Pass
Bifenthrin	0.1000	0.2000	ND		Pass	Methiocarb	0.1000	0.2000	ND		Pass
Boscalid	0.2000	0.4000	ND		Pass	Methomyl	0.2000	0.4000	ND		Pass
Carbaryl	0.1000	0.2000	ND		Pass	Myclobutanil	0.1000	0.2000	ND		Pass
Carbofuran	0.1000	0.2000	ND		Pass	Naled	0.2500	0.5000	ND		Pass
Chlorantraniliprole	0.1000	0.2000	ND		Pass	Oxamyl	0.5000	1.0000	ND		Pass
Chlorfenapyr	0.5000	1.0000	ND		Pass	Paclobutrazol	0.2000	0.4000	ND		Pass
Chlorpyrifos	0.1000	0.2000	ND		Pass	Permethrins	0.1000	0.2000	ND		Pass
Clofentezine	0.1000	0.2000	ND		Pass	Phosmet	0.1000	0.2000	ND		Pass
Cyfluthrin	0.5000	1.0000	ND		Pass	Piperonyl	1.0000	2.0000	ND		Pass
Cypermethrin	0.5000	1.0000	ND		Pass	Butoxide					
Daminozide	0.5000	1.0000	ND		Pass	Prallethrin	0.1000	0.2000	ND		Pass
Diazinon	0.1000	0.2000	ND		Pass	Propiconazole	0.2000	0.4000	ND		Pass
Dichlorvos	0.0500	0.1000	ND		Pass	Propoxur	0.1000	0.2000	ND		Pass
Dimethoate	0.1000	0.2000	ND		Pass	Pyrethrins	0.5000	1.0000	ND		Pass
Ethoprophos	0.1000	0.2000	ND		Pass	Pyridaben	0.1000	0.2000	ND		Pass
Etofenprox	0.2000	0.4000	ND		Pass	Spinosad	0.1000	0.2000	ND		Pass
Etoxazole	0.1000	0.2000	ND		Pass	Spiromesifen	0.1000	0.2000	ND		Pass
Fenoxycarb	0.1000	0.2000	ND		Pass	Spirotetramat	0.1000	0.2000	ND		Pass
Fenpyroximate	0.2000	0.4000	ND		Pass	Spiroxamine	0.2000	0.4000	ND		Pass
Fipronil	0.2000	0.4000	ND		Pass	Tebuconazole	0.2000	0.4000	ND		Pass
Flonicamid	0.5000	1.0000	ND		Pass	Thiacloprid	0.1000	0.2000	ND		Pass
Fludioxonil	0.2000	0.4000	ND		Pass	Thiamethoxam	0.1000	0.2000	ND		Pass
						Trifloxystrobin	0.1000	0.2000	ND		Pass

Date Tested: 02/12/2025 07:00 am



Anthony Settanni
Anthony Settanni
Lab Director
02/14/2025

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02.06.25.DSU FP APO

Sample ID: 2502APO0633.3384
Strain: Grower's Blend Hybrid
Matrix: Concentrates & Extracts
Type: Distillate
Source Batch #:

Produced:
Collected: 02/11/2025 06:47 am
Received: 02/11/2025
Completed: 02/14/2025
Batch #: 02.06.25.DSU
Harvest Date: 04/24/2022

Client
Copperstate Farms
Lic. # 00000019DCGM00234427

Lot #:
Production/Manufacture Date: 02/06/2025
Production/Manufacture Method: Alcohol

Microbials

Pass

Analyte	Limit	Result	Status	Q
Salmonella SPP by QPCR: SOP-15	Detected/Not Detected in 1g	ND	Pass	
Aspergillus Flavus Aspergillus Fumigatus or Aspergillus Niger by QPCR: SOP-14	Detected/Not Detected in 1g	ND	Pass	
Aspergillus Terreus by QPCR: SOP-14	Detected/Not Detected in 1g	ND	Pass	

Analyte	LOQ	Limit	Result	Status	Q
	CFU/g	CFU/g	CFU/g		
E. Coli by traditional plating: SOP-13	10.0	100.0	< 10 CFU/g	Pass	

Date Tested: 02/14/2025 12:00 am

Mycotoxins by SOP-22

Pass

Analyte	LOD	LOQ	Limit	Units	Status	Q
	µg/kg	µg/kg	µg/kg	µg/kg		
B1	5	10	20	ND	Pass	
B2	5	10	20	ND	Pass	
G1	5	10	20	ND	Pass	
G2	5	10	20	ND	Pass	
Total Aflatoxins	5	10	20	ND	Pass	
Ochratoxin A	5	10	20	ND	Pass	I1

Date Tested: 02/12/2025 07:00 am

Heavy Metals by SOP-21

Pass

Analyte	LOD	LOQ	Limit	Units	Status	Q
	PPM	PPM	PPM	PPM		
Arsenic	0.1000	0.1330	0.4000	ND	Pass	
Cadmium	0.1000	0.1330	0.4000	ND	Pass	
Lead	0.2500	0.3330	1.0000	ND	Pass	V1
Mercury	0.0500	0.0660	0.2000	ND	Pass	V1

Date Tested: 02/12/2025 07:00 am



Anthony Settanni
Anthony Settanni
Lab Director
02/14/2025

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02.06.25.DSU FP APO

Sample ID: 2502APO0633.3384
Strain: Grower's Blend Hybrid
Matrix: Concentrates & Extracts
Type: Distillate
Source Batch #:

Produced:
Collected: 02/11/2025 06:47 am
Received: 02/11/2025
Completed: 02/14/2025
Batch #: 02.06.25.DSU
Harvest Date: 04/24/2022

Client
Copperstate Farms
Lic. # 00000019DCGM00234427

Lot #:
Production/Manufacture Date: 02/06/2025
Production/Manufacture Method: Alcohol

Residual Solvents by SOP-3

Analyte	LOQ	Limit	Result	Status	Q
	PPM	PPM	PPM		Pass
Acetone	381.0000	1000.0000	ND	Pass	
Acetonitrile	154.0000	410.0000	ND	Pass	
Benzene	1.0000	2.0000	ND	Pass	
Butanes	1914.0000	5000.0000	ND	Pass	
Chloroform	24.0000	60.0000	ND	Pass	
Dichloromethane	231.0000	600.0000	ND	Pass	
Ethanol	1910.0000	5000.0000	ND	Pass	
Ethyl-Acetate	1907.0000	5000.0000	ND	Pass	
Ethyl-Ether	1901.0000	5000.0000	ND	Pass	
n-Heptane	1892.0000	5000.0000	ND	Pass	
Hexanes	115.0000	290.0000	ND	Pass	
Isopropanol	1915.0000	5000.0000	ND	Pass	
Isopropyl-Acetate	1908.0000	5000.0000	ND	Pass	
Methanol	1141.0000	3000.0000	ND	Pass	
Pentane	1923.0000	5000.0000	ND	Pass	
Toluene	343.0000	890.0000	ND	Pass	
Xylenes + Ethyl Benzene	841.0000	2170.0000	ND	Pass	

Date Tested: 02/12/2025 07:00 am



Anthony Settanni

Anthony Settanni
Lab Director
02/14/2025

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Completed: 02/14/2025
Batch #: 02.06.25.DSU
Harvest Date: 04/24/2022

Client
Copperstate Farms
Lic. # 00000019DCGM00234427

Lot #:
Production/Manufacture Date: 02/06/2025
Production/Manufacture Method: Alcohol

Terpenes

Analyte	LOQ	Result	Result	Q	Analyte	LOQ	Result	Result	Q
---------	-----	--------	--------	---	---------	-----	--------	--------	---



Primary Aromas

--	--	--	--	--

Date Tested:



Anthony Settanni

Anthony Settanni
Lab Director
02/14/2025

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Matrix: Concentrates & Extracts
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Harvest Date: 04/24/2022

Client
Copperstate Farms
Lic. # 00000019DCGM00234427

Lot #:
Production/Manufacture Date: 02/06/2025
Production/Manufacture Method: Alcohol

Qualifiers Definitions

Qualifier Notation	Qualifier Description
I1	The relative intensity of a characteristic ion in a sample analyte exceeded the acceptance criteria in subsection (L)(1) with respect to the reference spectra, indicating interference
L1	When testing for pesticides, fungicides, herbicides, growth regulators, heavy metals, or residual solvents, the percent recovery of a laboratory control sample is greater than the acceptance limits in subsection (K)(2)(c), but the sample's target analytes were not detected above the maximum allowable concentrations in Table 3.1 for the analytes in the sample
M1	The recovery from the matrix spike in subsection (K)(4) was: a. High, but the recovery from the laboratory control sample in subsection (K)(2) was within acceptance criteria
M2	The recovery from the matrix spike in subsection (K)(4) was: b. Low, but the recovery from the laboratory control sample in subsection (K)(2) was within acceptance criteria
M3	The recovery from the matrix spike in subsection (K)(4) was: c. Unusable because the analyte concentration was disproportionate to the spike level, but the recovery from the laboratory control sample in subsection (K)(2) was within acceptance criteria
R1	The relative percent difference for the laboratory control sample and duplicate exceeded the limit in subsection (K)(3), but the recovery in subsection (K)(2) was within acceptance criteria
V1	The recovery from continuing calibration verification standards exceeded the acceptance limits in subsection (J)(1)(b), but the sample's target analytes were not detected above the maximum allowable concentrations in Table 3.1 for the analytes in the sample
Q2	The sample is heterogeneous, and sample homogeneity could not be readily achieved using routine laboratory practices – Used to denote that the sample as-received could not be fully pre-homogenized in packaging prior to microbiology analysis
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

Customer Supplied Information:

Notes and Addenda:



[Signature]

Bryant Kearl
Chief Scientific Officer
02/14/2025

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Finished Product Information

Strain, Product & Batch ID: Indica Blend Decarbed Live Hash Rosin (Batch ID_ SPO250423-003)

Date of Manufacture: 04/28/2025

Method of Extraction: Ice/Water

Distribution Chain

Marijuana Establishment Name: Ponderosa Botanical Care Inc

Manufactured by: Ponderosa Botanical Care Inc, MEL# 00000109ESVM4487844

Packaged by: Ponderosa Botanical Care Inc, MEL# 00000109ESVM4487844 - Soothing Ponderosa, LLC., DRC# 00000094DCTJ00667966

Distributed by: Sonoran Roots, Ponderosa Botanical Care, Inc., DRC# 00000066DCBO00410690, MEL# 00000109ESVM44878444

Flower Starting Material:

Strain	Batch	Harvest Date
Cultivated by: FWA Inc/Farm Fresh Organics - 00000043DCBC00869823		
Farm Fresh Mix 20	KC5484	4/15/2024
Farm Fresh Mix 20	KC5492	1/22/2024
Farm Fresh Mix 20	KC5483	3/18/2024
Farm Fresh Mix 20	CB5492	6/3/2024
Farm Fresh Mix 20	DR95494	4/1/2024
Farm Fresh Mix 20	DR95485	4/8/2024
Farm Fresh Mix 20	GB5491	5/20/2024
Farm Fresh Mix 20	GB5486	4/1/2024
Farm Fresh Mix 20	BD5496	6/17/2024
Farm Fresh Mix 20	BD5486	4/8/2024
Farm Fresh Mix 20	BD5476	1/22/2024
Farm Fresh Mix 20	GB5487	4/15/2024
Farm Fresh Mix 20	HF5493	5/27/2024
Farm Fresh Mix 20	HF5489	4/29/2024
Farm Fresh Mix 20	HF5481	3/4/2024
Farm Fresh Mix 20	KC5489	4/29/2024

Intended Points of Sale

See a list of licensed Marijuana Establishments on the [Sonoran Roots Test Results](https://sonoranroots.com/test-results) webpage: <https://sonoranroots.com/test-results>

Arizona Department of Health Services Warning

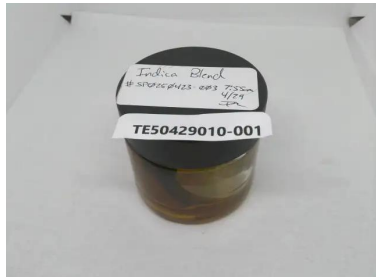
Using marijuana during pregnancy could cause birth defects or other health issues to your unborn child.



Certificate of Analysis

Pages 1 of 6

PASSED



Harvest/Lot ID: SPO250423-003
Batch #: SPO250423-003
Harvest Date: 06/17/24
Manufacturing Date: 04/28/25
Production Method: Ice/Water
Total Amount: 7 gram

Lab ID: TE50429010-001
Sampled Date: 04/29/25
Sampling Method: N/A
Completed: 05/02/25
Sample Collection Time: 03:00 PM
Sample Size: 112.18 gram
Ordered: 04/29/25

Concentrate Labs

2055 E 5th st
Tempe, AZ, 85288, US
License # : 00000094DCTJ00667966

SAFETY RESULTS

MISC.



Pesticide
PASSED



Heavy Metals
PASSED



Microbial
PASSED



Mycotoxins
PASSED



Solvents
PASSED



Filtration
NOT TESTED



Water Activity
NOT TESTED



Moisture Content
NOT TESTED



Vitamin E
NOT TESTED



Terpenes
TESTED



Cannabinoid

PASSED



Total THC
76.0630%



Total CBD
0.2880%



Total Cannabinoids Q3
82.6400%

	D9-THC	THCA	CBD	CBDA	CBG	CBGA	CBN	D8-THC	THCV	CBDV	CBC
%	76.0630	ND	0.2880	ND	3.4440	ND	1.1810	ND	0.5110	ND	1.1530
mg/g	760.630	ND	2.880	ND	34.440	ND	11.810	ND	5.110	ND	11.530
LOQ	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010
%	%	%	%	%	%	%	%	%	%	%	%

Qualifier

Analyzed by:
333, 540, 547, 134, 545

Weight:
0.1546g

Extraction date:
04/30/25 14:16:20

Extracted by:
333

Analysis Method : SOP.T.30.500, SOP.T.30.031, SOP.T.40.031

Analytical Batch : TE008705POT

Instrument Used : TE-005 "Bubbles" (Concentrates)

Analyzed Date : 05/01/25 14:42:39

Batch Date : 04/30/25 09:42:43

Dilution : 800

Reagent : 043025.R17; 033125.R29; 032725.R12; 041725.R07

Consumables : 947.162; 8000038072; 121324CH01; 220321-306-D; 1; 1009944912; GD240003

Pipette : TE-059 SN:20A04528 (20-200uL); TE-064 SN:20B27672 (100-1000uL); TE-164 SN: 21H24198 (Isopropanol)

Full spectrum cannabinoid analysis utilizing High Performance Liquid Chromatography with Photo Diode Array detector (HPLC-PDA) for analysis. (Methods: SOP.T.30.500 for sample homogenization, SOP.T.30.031 for sample prep, SOP.T.40.031 for analysis on Shimadzu LC-20X0 series HPLCs). Potency results for cannabis flower products are reported on an "as received" basis, without moisture correction.



Terpenes

TESTED

ANALYTES

TOTAL TERPENES

UNIT

LOD

LOQ

ACTION LEVEL

PASS/FAIL

RESULT

QUALIFIER

%

0

0.002

TESTED

0.7978

Q3

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Madison Levy

Lab Director

State License #
00000024LCMD66604568
ISO 17025 Accreditation #
97164

Signature
05/02/25



Certificate of Analysis

Pages 2 of 6

Sample: TE50429010-001

Concentrate Labs

Telephone: (555) 555-5555

Email: concentratelabsaz@gmail.com

Harvest/Lot ID: SPO250423-003

Batch #: SPO250423-003

Ordered: 04/29/25

Sampled: 04/29/25

Completed: 05/02/25

PASSED



Terpenes

TESTED

ANALYTES	UNIT	LOD	LOQ	ACTION LEVEL	PASS/FAIL	RESULT	QUALIFIER
ALPHA-PINENE	%	0	0.002		TESTED	ND	
CAMPHENE	%	0	0.002		TESTED	ND	
SABINENE	%	0	0.002		TESTED	ND	
BETA-PINENE	%	0	0.002		TESTED	ND	
BETA-MYRCENE	%	0	0.002		TESTED	ND	
ALPHA-PHELLANDRENE	%	0	0.002		TESTED	ND	
3-CARENE	%	0	0.002		TESTED	ND	
ALPHA-TERPINENE	%	0	0.002		TESTED	ND	
LIMONENE	%	0	0.002		TESTED	ND	
EUCALYPTOL	%	0	0.002		TESTED	ND	
OCIMENE	%	0	0.002		TESTED	ND	
GAMMA-TERPINENE	%	0	0.002		TESTED	ND	
SABINENE HYDRATE	%	0	0.002		TESTED	ND	
TERPINOLENE	%	0	0.002		TESTED	ND	
FENCHONE	%	0	0.002		TESTED	ND	
LINALOOL	%	0	0.002		TESTED	ND	
FENCHYL ALCOHOL	%	0	0.002		TESTED	ND	
ISOPULEGOL	%	0	0.002		TESTED	ND	
CAMPHOR	%	0	0.002		TESTED	ND	
ISOBORNEOL	%	0	0.002		TESTED	ND	
BORNEOL	%	0	0.002		TESTED	ND	
MENTHOL	%	0	0.002		TESTED	ND	
ALPHA-TERPINEOL	%	0	0.002		TESTED	ND	
GAMMA-TERPINEOL	%	0	0.002		TESTED	ND	
NEROL	%	0	0.002		TESTED	ND	
PULEGONE	%	0	0.002		TESTED	ND	
GERANIOL	%	0	0.002		TESTED	ND	
GERANYL ACETATE	%	0	0.002		TESTED	ND	
ALPHA-CEDRENE	%	0	0.002		TESTED	ND	
BETA-CARYOPHYLLENE	%	0	0.002		TESTED	0.2639	Q3
ALPHA-HUMULENE	%	0	0.002		TESTED	0.1330	Q3
VALENCENE	%	0	0.002		TESTED	ND	
CIS-NEROLIDOL	%	0	0.002		TESTED	ND	
TRANS-NEROLIDOL	%	0	0.002		TESTED	0.0749	Q3
CARYOPHYLLENE OXIDE	%	0	0.002		TESTED	ND	
GUAIOL	%	0	0.002		TESTED	0.0707	Q3
CEDROL	%	0	0.002		TESTED	ND	
ALPHA-BISABOOL	%	0	0.002		TESTED	0.2553	Q3

Analyzed by:
334, 547, 134, 545

Weight:
0.251g

Extraction date:
04/30/25 16:33:11

Extracted by:
334

Analysis Method : SOP.T.30.500, SOP.T.30.064, SOP.T.40.064

Analytical Batch : TE008717TER

Instrument Used : TE-096 "MS - Terpenes 1", TE-097 "AS - Terpenes 1", TE-093 "GC - Terpenes 1"

Batch Date : 04/30/25 15:05:22

Analyzed Date : 05/01/25 14:42:55

Dilution : N/A

Reagent : 110124.05; 031025.02

Consumables : 947.162; H109203-1; 8000038072; 5051118; 1; GD240003

Pipette : TE-073 5N:RU31809

Terpenes screening is performed using GC-MS which can detect below single digit ppm concentrations. (Methods: SOP.T.30.500 for sample homogenization, SOP.T.30.064 for sample prep, and SOP.T.40.064 for analysis via ThermoScientific 1310-series GC equipped with an AI 1310-series liquid injection autosampler and detection carried out by ISQ 7000-series mass spectrometer). Terpene results are reported on a wt/wt% basis. 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. Nor, can it be used to satisfy marijuana establishment testing requirements in R9-18-311(A) or labeling requirements in R9-18-310 - Q3.

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Madison Levy

Lab Director

State License #
00000024LCMD66604568
ISO 17025 Accreditation #
97164

Signature
05/02/25



Certificate of Analysis

Pages 3 of 6

Sample: TE50429010-001

Concentrate Labs

Telephone: (555) 555-5555

Email: concentratelabsaz@gmail.com

Harvest/Lot ID: SPO250423-003

Batch #: SPO250423-003

Ordered: 04/29/25

Sampled: 04/29/25

Completed: 05/02/25

PASSED



Pesticide

PASSED

ANALYTES	UNIT	LOD	LOQ	ACTION LEVEL	PASS/FAIL	RESULT	QUALIFIER
AVERMECTINS (ABAMECTIN B1A)	ppm	0.017	0.25	0.5	PASS	ND	
ACEPHATE	ppm	0.01	0.2	0.4	PASS	ND	
ACETAMIPRID	ppm	0.005	0.1	0.2	PASS	ND	
ALDICARB	ppm	0.014	0.2	0.4	PASS	ND	
AZOXYSTROBIN	ppm	0.005	0.1	0.2	PASS	ND	
BIFENAZATE	ppm	0.006	0.1	0.2	PASS	ND	
BIFENTHRIN	ppm	0.005	0.1	0.2	PASS	ND	
BOSCALID	ppm	0.005	0.2	0.4	PASS	ND	
CARBARYL	ppm	0.008	0.1	0.2	PASS	ND	
CARBOFURAN	ppm	0.005	0.1	0.2	PASS	ND	
CHLORANTRANILIPROLE	ppm	0.011	0.1	0.2	PASS	ND	
CHLORPYRIFOS	ppm	0.005	0.1	0.2	PASS	ND	
CLOFENTEZINE	ppm	0.01	0.1	0.2	PASS	ND	
CYPERMETHRIN	ppm	0.1	0.5	1	PASS	ND	
DIAZINON	ppm	0.006	0.1	0.2	PASS	ND	
DAMINOZIDE	ppm	0.01	0.5	1	PASS	ND	
DICHLORVOS (DDVP)	ppm	0.001	0.05	0.1	PASS	ND	
DIMETHOATE	ppm	0.006	0.1	0.2	PASS	ND	
ETHOPROPHOS	ppm	0.004	0.1	0.2	PASS	ND	
ETOFENPROX	ppm	0.006	0.2	0.4	PASS	ND	
ETOXAZOLE	ppm	0.004	0.1	0.2	PASS	ND	
FENOXYCARB	ppm	0.005	0.1	0.2	PASS	ND	
FENPYROXIMATE	ppm	0.004	0.2	0.4	PASS	ND	
FIPRONIL	ppm	0.006	0.2	0.4	PASS	ND	
FLONICAMID	ppm	0.009	0.5	1	PASS	ND	
FLUDIOXONIL	ppm	0.006	0.2	0.4	PASS	ND	
HEXYTHIAZOX	ppm	0.005	0.5	1	PASS	ND	
IMAZALIL	ppm	0.011	0.1	0.2	PASS	ND	
IMIDACLOPRID	ppm	0.008	0.2	0.4	PASS	ND	
KRESOXIM-METHYL	ppm	0.007	0.2	0.4	PASS	ND	
MALATHION	ppm	0.007	0.1	0.2	PASS	ND	
METALAXYL	ppm	0.004	0.1	0.2	PASS	ND	
METHIOCARB	ppm	0.004	0.1	0.2	PASS	ND	
METHOMYL	ppm	0.005	0.2	0.4	PASS	ND	
MYCLOBUTANIL	ppm	0.01	0.1	0.2	PASS	ND	
NALED	ppm	0.007	0.25	0.5	PASS	ND	
OXAMYL	ppm	0.008	0.5	1	PASS	ND	
PACLOBUTRAZOL	ppm	0.005	0.2	0.4	PASS	ND	
TOTAL PERMETHRINS	ppm	0.003	0.1	0.2	PASS	ND	
PHOSMET	ppm	0.01	0.1	0.2	PASS	ND	
PIPERONYL BUTOXIDE	ppm	0.005	1	2	PASS	ND	
PRALLETHRIN	ppm	0.013	0.1	0.2	PASS	ND	
PROPICONAZOLE	ppm	0.005	0.2	0.4	PASS	ND	
PROPOXUR	ppm	0.005	0.1	0.2	PASS	ND	
TOTAL PYRETHRINS	ppm	0.001	0.5	1	PASS	ND	
PYRIDABEN	ppm	0.004	0.1	0.2	PASS	ND	
TOTAL SPINOSAD	ppm	0.006	0.1	0.2	PASS	ND	
SPIROMESIFEN	ppm	0.008	0.1	0.2	PASS	ND	
SPIROTETRAMAT	ppm	0.006	0.1	0.2	PASS	ND	
SPIROXAMINE	ppm	0.004	0.2	0.4	PASS	ND	
TEBUCONAZOLE	ppm	0.004	0.2	0.4	PASS	ND	
THIACLOPRID	ppm	0.006	0.1	0.2	PASS	ND	
THIAMETHOXAM	ppm	0.006	0.1	0.2	PASS	ND	
TRIFLOXYSTROBIN	ppm	0.006	0.1	0.2	PASS	ND	
CHLORFENAPYR	ppm	0.027	0.3	1	PASS	ND	
CYFLUTHRIN	ppm	0.015	0.5	1	PASS	ND	

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Madison Levy

Lab Director

State License #
00000024LCMD66604568
ISO 17025 Accreditation #
97164



Signature
05/02/25



Certificate of Analysis

Pages 4 of 6

Sample: TE50429010-001
Concentrate Labs
Telephone: (555) 555-5555
Email: concentratelabsaz@gmail.com

Harvest/Lot ID: SPO250423-003
Batch #: SPO250423-003

Ordered: 04/29/25
Sampled: 04/29/25
Completed: 05/02/25

PASSED



Pesticide

PASSED

ANALYTES		UNIT	LOD	LOQ	ACTION LEVEL	PASS/FAIL	RESULT	QUALIFIER
Analyzed by: 152, 432, 134, 545		Weight: 0.5016g	Extraction date: 04/30/25 14:52:32			Extracted by: 152,445		
Analysis Method : SOP.T.30.500, SOP.T.30.104.AZ, SOP.T.40.104.AZ								
Analytical Batch : TE008698PES								
Instrument Used : TE-262 "MS/MS - Pest/Myco 2",TE-117 UHPLC - Pest/Myco 2						Batch Date : 04/29/25 16:29:41		
Analyzed Date : 05/01/25 13:37:10								
Dilution : 25								
Reagent : 040825.R05; 042425.R09; 042425.R12; 030625.R06; 041725.R06; 042825.R11; 042225.R07; 041725.R05								
Consumables : 9479291.162; 8000038072; 102324CH01; 220321-306-D; 1010008456; GD240003; 426060-JG								
Pipette : TE-062 SN:20C50491; TE-064 SN:20B27672 (100-1000uL)								
Pesticide screening is carried out using LC-MS/MS supplemented by GC-MS/MS for volatile pesticides. (Methods: SOP.T.30.500 for sample homogenization, SOP.T.30.104.AZ for sample prep, and SOP.T.40.104.AZ for analysis on ThermoScientific Altis TSQ with Vanquish UHPLC).								

Analyzed by: 152, 432, 134, 545	Weight: 0.5016g	Extraction date: 04/30/25 14:52:32	Extracted by: 152,445
Analysis Method : SOP.T.30.500, SOP.T.30.104.AZ, SOP.T.40.154.AZ Analytical Batch : TE008722VOL Instrument Used : TE-117 UHPLC - Pest/Myco 2,TE-262 *MS/MS - Pest/Myco 2 Analyzed Date : 05/01/25 13:58:14			
Batch Date : 04/30/25 17:55:18			
Dilution : 25 Reagent : 040825.R05; 042425.R09; 042425.R12; 030625.R06; 041725.R06; 042825.R11; 042225.R07; 041725.R05 Consumables : 9479291.162; 8000038072; 102324CH01; 220321-306-D; 1010008456; GD240003; 426060-JG Pipette : TE-062 SN:20C50491; TE-064 SN:20B27672 (100-1000uL)			
Supplemental pesticide screening using GC-MS/MS to quantitatively screen for Chlorfenapyr, Cyfluthrin, Cypermethrin, and Diazinon; as well as the qualitative confirmation of Dichlorvos, Permethrins, Piperonyl Butoxide, Prallethrin, Propiconazole, Pyrethrins, and Tebuconazole which are all quantitaively screened using LC-MS/MS. (Methods: SOP.T.30.500 for sample homogenization, SOP.T.30.104.AZ for sample prep, and SOP.T.40.154.AZ for analysis using a ThermoScientific 1310-series GC equipped with a TriPlus RSH autosampler and detected on a TSQ 9000-series mass spectrometer).			



Residual Solvents

PASSED

ANALYTES	UNIT	LOD	LOQ	ACTION LEVEL	PASS/FAIL	RESULT	QUALIFIER
BUTANES	ppm	168.2	2400	5000	PASS	ND	M2
METHANOL	ppm	87.7	1440	3000	PASS	ND	
PENTANES	ppm	163.9	2400	5000	PASS	ND	
ETHANOL	ppm	142.2	2400	5000	PASS	ND	
ETHYL ETHER	ppm	193.1	2400	5000	PASS	ND	
ACETONE	ppm	37.6	480	1000	PASS	ND	
2-PROPANOL	ppm	156.2	2400	5000	PASS	ND	
ACETONITRILE	ppm	12.2	196.8	410	PASS	ND	
DICHLOROMETHANE	ppm	22.7	288	600	PASS	ND	
HEXANES	ppm	8.4	139.2	290	PASS	ND	
ETHYL ACETATE	ppm	179	2400	5000	PASS	ND	
CHLOROFORM	ppm	2.41	28.8	60	PASS	ND	
BENZENE	ppm	0.115	1.2	2	PASS	ND	
ISOPROPYL ACETATE	ppm	168.6	2400	5000	PASS	ND	
HEPTANE	ppm	152.8	2400	5000	PASS	ND	
TOLUENE	ppm	26.2	427.2	890	PASS	ND	
XYLENES	ppm	53.2	1041.6	2170	PASS	ND	

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Madison Levy
Lab Director
State License #
00000024LCMD66604568
ISO 17025 Accreditation #
97164


Signature
05/02/25



Certificate of Analysis

Pages 5 of 6

Sample: TE50429010-001
Concentrate Labs
Telephone: (555) 555-5555
Email: concentratelabsaz@gmail.com

Harvest/Lot ID: SPO250423-003
Batch #: SPO250423-003

Ordered: 04/29/25
Sampled: 04/29/25
Completed: 05/02/25

PASSED



Residual Solvents

PASSED

ANALYTES		UNIT	LOD	LOQ	ACTION LEVEL	PASS/FAIL	RESULT	QUALIFIER
Analyzed by: 334, 134, 545		Weight: 0.0206g		Extraction date: 04/30/25 12:40:35			Extracted by: 334	
Analysis Method : SOP.T.40.044.AZ					Batch Date : 04/30/25 11:28:07			
Analytical Batch : TE008710SOL								
Instrument Used : TE-095 "MS - Solvents 1"								
Analyzed Date : 05/02/25 10:34:54								
Dilution : N/A								
Reagent : 032725.01; 032625.31								
Consumables : H109203-1; 430596; 103689; GD240003								
Pipette : TE-349 SN: 42675; TE-347 (25ul gastight)								

Residual solvents screening is performed using GC-MS which can detect below single digit ppm concentrations. (Method: SOP.T.40.044.AZ for sample prep and analysis via ThermoScientific 1310-series GC equipped with a TriPlus 500 Headspace autosampler and detection carried out by ISQ7000-series mass spectrometer). Butanes are reported as the sum of n-Butane and Isobutane. Pentanes are reported as the sum of n-Pentane, Isopentane, and Neopentane. Hexanes are reported as the sum of n-Hexane, 2-Methylpentane, 3-Methylpentane, 2,2-Dimethylbutane, and 2,3-Dimethylbutane. Xylenes are reported as the sum of Ethyl Benzene, m-Xylene, p-Xylene, and o-Xylene.



Microbial

PASSED

ANALYTES		UNIT	LOD	LOQ	ACTION LEVEL	PASS/FAIL	RESULT	QUALIFIER
SALMONELLA SPP.		pass/fail	0	0	1	PASS	Not Present in 1g	
ASPERGILLUS FLAVUS		pass/fail	1	0	0.999	PASS	Not Present in 1g	
ASPERGILLUS FUMIGATUS		pass/fail	1	0	0.999	PASS	Not Present in 1g	
ASPERGILLUS NIGER		pass/fail	1	0	0.999	PASS	Not Present in 1g	
ASPERGILLUS TERREUS		pass/fail	1	0	0.999	PASS	Not Present in 1g	
ESCHERICHIA COLI (REC)		CFU/g	10	10	100	PASS	<10	
Analyzed by: 527, 331, 134, 545		Weight: 1.0451g		Extraction date: 05/01/25 16:18:39			Extracted by: 527	
Analysis Method : SOP.T.40.056B, SOP.T.40.058.FL, SOP.T.40.208, SOP.T.40.209.AZ								
Analytical Batch : TE008701MIC								
Instrument Used : TE-234 "bioMerieux GENE-UP"					Batch Date : 04/29/25 18:23:43			
Analyzed Date : 05/02/25 19:11:36								
Dilution : 10								
Reagent : N/A								
Consumables : N/A								
Pipette : N/A								

Microbiological screening for bacterial and fungal identification via Polymerase Chain Reaction (PCR) methods consisting of sample DNA amplified via tandem PCR as a crude lysate without purification. (Methods: SOP.T.40.056B for sample prep and screening for Salmonella and Aspergillus sp. by PathogenDx Detectx Combined using a SensoSpot Microarray Analyzer and SOP.T.40.209.AZ for quantitative plating of E. coli on 3M Rapid E. coli Petrifilm and confirmation of Aspergillus sp. on SabDex agar for derivative products). All qualitative microbial testing is reported as detected/not detected in 1g.



Mycotoxins

PASSED

ANALYTES		UNIT	LOD	LOQ	ACTION LEVEL	PASS/FAIL	RESULT	QUALIFIER
TOTAL AFLATOXINS		ppb	1.487	4.851	20	PASS	ND	
AFLATOXIN B1		ppb	1.47	4.851	20	PASS	ND	
AFLATOXIN B2		ppb	1.8	5.94	20	PASS	ND	
AFLATOXIN G1		ppb	1.9	6.27	20	PASS	ND	
AFLATOXIN G2		ppb	3.25	10.725	20	PASS	ND	
OCHRATOXIN A		ppb	4.61	12	20	PASS	ND	L1

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Lab Director
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97164


Signature
05/02/25



Certificate of Analysis

Pages 6 of 6

Sample: TE50429010-001

Concentrate Labs

Telephone: (555) 555-5555

Email: concentratelabsaz@gmail.com

Harvest/Lot ID: SPO250423-003

Batch #: SPO250423-003

Ordered: 04/29/25

Sampled: 04/29/25

Completed: 05/02/25

PASSED



Mycotoxins

PASSED

ANALYTES	UNIT	LOD	LOQ	ACTION LEVEL	PASS/FAIL	RESULT	QUALIFIER
Analyzed by: 152, 432, 134, 545 Weight: 0.5016g Extraction date: 04/30/25 14:52:32 Extracted by: 152,445 Analysis Method : SOP.T.30.500, SOP.T.30.104.AZ, SOP.T.40.104.AZ Analytical Batch : TE008723MYC Instrument Used : TE-262 "MS/MS - Pest/Myco 2,TE-117 UHPLC - Pest/Myco 2 Batch Date : 04/30/25 17:55:24 Analyzed Date : 05/01/25 14:02:10 Dilution : 25 Reagent : 040825.R05; 042425.R09; 042425.R12; 030625.R06; 041725.R06; 042825.R11; 042225.R07; 041725.R05 Consumables : 9479291.162; 8000038072; 102324CH01; 220321-306-D; 1010008456; GD240003; 426060-JG Pipette : TE-062 SN:20C50491; TE-064 SN:20B27672 (100-1000uL)							
Aflatoxins B1, B2, G1, G2, and Ochratoxin A analysis using LC-MS/MS. (Methods: SOP.T.30.500 for sample homogenization, SOP.T.30.104.AZ for sample prep, and SOP.T.40.104.AZ for analysis on ThermoScientific Altis TSQ with Vanquish UHPLC). Total Aflatoxins (sum of Aflatoxins B1, B2, G1, G2) must be <20µg/kg. Ochratoxin must be <20µg/kg.							



Heavy Metals

PASSED

ANALYTES	UNIT	LOD	LOQ	ACTION LEVEL	PASS/FAIL	RESULT	QUALIFIER
ARSENIC	ppm	0.066	0.2	0.4	PASS	ND	
CADMIUM	ppm	0.066	0.2	0.4	PASS	ND	
LEAD	ppm	0.166	0.5	1	PASS	ND	
MERCURY	ppm	0.0333	0.1	0.2	PASS	ND	
Analyzed by: 398, 134, 545 Weight: 0.2088g Extraction date: 05/01/25 14:57:29 Extracted by: 398 Analysis Method : SOP.T.30.500, SOP.T.30.084.AZ, SOP.T.40.084.AZ Analytical Batch : TE008734HEA Instrument Used : TE-051 "Metals Hood",TE-141 "Wolfgang",TE-144,TE-260 "Ludwig",TE-307 "Ted",TE-311 "Ted PC",TE-308 "Ted Chiller",TE-310 "Ted AS",TE-309 "Ted Pump",TE-312 "Ted Monitor",TE-313 "Ted Monitor" Batch Date : 05/01/25 13:00:26 Analyzed Date : 05/02/25 10:32:04 Dilution : 50 Reagent : 102824.05; 043025.R19; 042925.R10; 042925.R11; 010325.03; 041825.02; 090922.04 Consumables : 102324CH01; 220321-306-D; 1009944912; GD240003 Pipette : TE-063 SN:20C50490 (20-200uL); TE-110 SN:20B18338 (100-1000uL); TE-169 SN: 20B16352 (Nitric Acid)							
Heavy Metals screening is performed using ICP-MS (Inductively Coupled Plasma - Mass Spectrometer) which can screen down to below single digit ppb concentrations for regulated heavy metals. (Methods: SOP.T.30.500 for sample homogenization, SOP.T.30.084.AZ for sample prep by microwave digestion, and SOP.T.40.084.AZ for analysis by ThermoScientific iCAP RQ ICP-MS).							

