



The Desert Valley
Pharmacy, Inc.
2939 N 31st Ave
Phoenix, AZ, 85017
License #:
00000060DCIS00424661
Order #: 83948
Retail Batch #:
210NW0923

CERTIFICATE OF ANALYSIS
ISO/IEC: 17025:2017 Accreditation #:
103104
License #: 00000020LCVT89602592

Order Information

Order #: 83948
Order Name: Raw
Retail Batch #: 210NW0923
Received: 09/27/2023 14:55:52
Complete: 09/29/2023 18:28:40

Harvest/Lot ID: 210NW0923

Seed-to-Sale #:

Batch Information

Create Date: 09/23/2023
Exp. Date: 09/23/2024

Matrix: Distillate
Pickup Weight: 8 g

Dispensary Information

Cultivation Facility: Phoenix
Processing Facility: Phoenix

Cultivar(s): Phoenix

COMPLIANCE FOR RETAIL

Regulated Analytes

CANNABINOID PROFILE (Q3)
TESTED

MICROBIAL CONTAMINANTS
MICROBIAL ANALYSIS: PASS
MYCOTOXIN ANALYSIS: PASS

RESIDUAL SOLVENTS
PASS

PESTICIDES, FUNGICIDES,
AND GROWTH REGULATORS
PASS

HERBICIDES
NOT TESTED

HEAVY METAL ANALYSIS
PASS

Additional Analytes (Not Regulated)

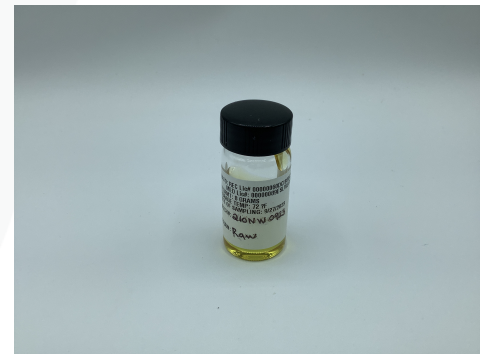
TERPENES TOTAL (Q3)
TESTED

MOISTURE ANALYSIS (Q3)
NOT TESTED

WATER ACTIVITY (Q3)
NOT TESTED

FILTH & FOREIGN (Q3)
NOT TESTED

HOMOGENEITY (Q3)
NOT TESTED



91.8356 %
Total THC

0.2648 %
Total CBD

95.8578 %
Total Cannabinoids (Q3)

Ahmed Munshi

Lab Director



Arizona

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



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Sample Prep

Tech: 3971
SOP: 418.AZ
Batch Number: 61542
Batch Date: 09/27/2023 12:42:53

Sample Analysis

Date/Time: 09/28/2023 15:46:21
Tech: 3971
SOP: 417.AZ
Final Weight: 0.042 g
Volume: 40 ml

CANNABINOID PROFILE

HPLC-DAD

TESTED

91.8356 %
Total THC

0.2648 %
Total CBD

95.8578 %
Total Cannabinoids
(Q3)

Cannabinoid Potency (Certified)

ANALYTE	LOD/LOQ (mg/g)	DIL.	WEIGHT %	MG/G	QUALIFIERS
CBC	0.3224/0.977	2	0.6964	6.964	M1
CBD	0.3224/0.977	2	0.2648	2.648	M1
CBDA	0.3224/0.977	2	ND	ND	M1
CBDV	0.3224/0.977	2	ND	ND	M1
CBG	0.3224/0.977	2	2.0987	20.987	M1
CBGA	0.3224/0.977	2	ND	ND	M1
CBN	0.3224/0.977	2	0.3299	3.299	M1
d8-THC	0.3224/0.977	2	ND	ND	M1
d9-THC	0.3224/0.977	2	91.8356	918.356	M1
THCA	0.3224/0.977	2	ND	ND	M1
THCV	0.3224/0.977	2	0.6324	6.324	M1

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

CANNABINOID TOTALS	WEIGHT %	MG/G
Total THC	91.8356	918.356
Total CBD	0.2648	2.648
Total Cannabinoids (Q3)	95.8578	958.578

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MYCOTOXIN ANALYSIS

LC-MS/MS

PASS

Sample Prep

Tech: 3978
SOP: 432.AZ
Batch Number: 61524
Batch Date: 09/26/2023 12:35:30

Sample Analysis

Date/Time: 09/29/2023 17:16:20
Tech: 2463
SOP: 424.AZ
Final Weight: 0.512 g
Volume: 12.5 ml

ANALYTE	LOD/LOQ (ppb)	DIL.	ACTION LEVEL (ppb)	RESULTS (ppb)	QUALIFIER
Aflatoxin B1	4/10	1	0	ND	I1
Aflatoxin B2	4/10	1	0	ND	I1
Aflatoxin G1	4/10	1	0	ND	I1
Aflatoxin G2	4/5	1	0	ND	
Ochratoxin A	10/10	1	20	ND	R1,V1,I1
Total Aflatoxins	4/10	1	20	ND	

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**Pesticides, Fungicides, and
Growth Regulators**

LC-MS/MS

PASS

Sample Prep

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Batch Number: 61524
Batch Date: 09/26/2023 12:35:30

Sample Analysis

Date/Time: 09/29/2023 17:16:20
Tech: 2463
SOP: 424.AZ
Final Weight: 0.512 g
Volume: 12.5 ml

ANALYTE	LOD/LOQ (ppm)	DIL.	ACTION LEVEL(ppm)	RESULTS (ppm)	QUALIFIER	ANALYTE	LOD/LOQ (ppm)	DIL.	ACTION LIMIT(ppm)	RESULTS (ppm)	QUALIFIER
Abamectin	0.083/0.25	1	0.5	ND	L1,M2	Hexythiazox	0.167/0.5	1	1	ND	M2
Acephate	0.067/0.2	1	0.4	ND		Imazalil	0.033/0.1	1	0.2	ND	
Acequinocyl	0.333/1	1	2	ND		Imidacloprid	0.067/0.2	1	0.4	ND	
Acetamiprid	0.033/0.1	1	0.2	ND		Kresoxim-methyl	0.067/0.2	1	0.4	ND	M2
Aldicarb	0.067/0.2	1	0.4	ND		Malathion	0.033/0.1	1	0.2	ND	
Azoxystrobin	0.033/0.1	1	0.2	ND		Metalaxyl	0.033/0.1	1	0.2	ND	
Bifenazate	0.033/0.1	1	0.2	ND	M2	Methiocarb	0.033/0.1	1	0.2	ND	
Bifenthrin	0.033/0.1	1	0.2	ND	M2	Methomyl	0.067/0.2	1	0.4	ND	
Boscalid	0.067/0.2	1	0.4	ND	M2	Myclobutanil	0.033/0.1	1	0.2	ND	
Carbaryl	0.033/0.1	1	0.2	ND		Naled	0.083/0.25	1	0.5	ND	M2
Carbofuran	0.033/0.1	1	0.2	ND		Oxamyl	0.167/0.5	1	1	ND	
Chlorantraniliprole	0.033/0.1	1	0.2	ND	V1	Pactobutrazol	0.067/0.2	1	0.4	ND	
Chlorfenapyr	0.167/0.5	1	1	ND	M2,I1	Permethrins	0.033/0.1	1	0.2	ND	M2
Chlorpyrifos	0.033/0.1	1	0.2	ND	M2	Phosmet	0.033/0.1	1	0.2	ND	I1
Clofentezine	0.033/0.1	1	0.2	ND	M2	Piperonyl Butoxide	0.333/1	1	2	ND	
Cyfluthrin	0.167/0.5	1	1	ND	M2	Prallethrin	0.033/0.1	1	0.2	ND	M1
Cypermethrin	0.167/0.5	1	1	ND	M2	Propiconazole	0.067/0.2	1	0.4	ND	
Daminozide	0.167/0.5	1	1	ND		Propoxur	0.033/0.1	1	0.2	ND	
Diazinon	0.033/0.1	1	0.2	ND	M2	Pyrethrins	0.033/0.1	1	1	ND	
Dichlorvos	0.017/0.05	1	0.1	ND	M2	Pyridaben	0.033/0.1	1	0.2	ND	
Dimethoate	0.033/0.1	1	0.2	ND		Spinosad	0.033/0.1	1	0.2	ND	
Ethoprophos	0.033/0.1	1	0.2	ND	M2	Spiromesifen	0.033/0.1	1	0.2	ND	M2
Etofenprox	0.067/0.2	1	0.4	ND	M2	Spirotetramat	0.033/0.1	1	0.2	ND	M1
Etoxazole	0.033/0.1	1	0.2	ND		Spiroxamine	0.067/0.2	1	0.4	ND	
Fenoxycarb	0.033/0.1	1	0.2	ND	M2	Tebuconazole	0.067/0.2	1	0.4	ND	
Fenpyroximate	0.067/0.2	1	0.4	ND	M2	Thiacloprid	0.033/0.1	1	0.2	ND	M2
Fipronil	0.067/0.2	1	0.4	ND		Thiamethoxam	0.033/0.1	1	0.2	ND	
Flonicamid	0.167/0.5	1	1	ND		Trifloxystrobin	0.033/0.1	1	0.2	ND	M2
Fludioxonil	0.067/0.2	1	0.4	ND	M2						

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TERPENES TOTAL

GC-FID

TESTED (0.161 %)

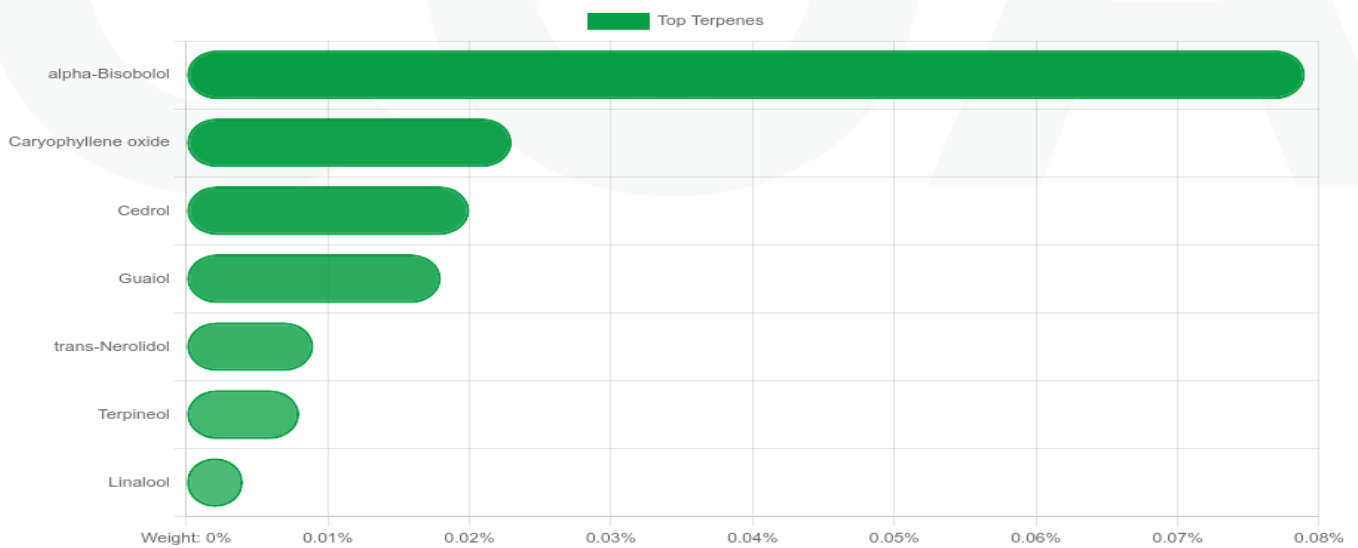
Sample Prep

Tech: 3958
SOP: 421
Batch Number: 61509
Batch Date: 09/25/2023 14:56:07

Sample Analysis

Date/Time: 09/29/2023 14:40:14
Tech: 3997
SOP: 419
Final Weight: 0.415 g
Volume: 10 ml

TERPENE	LOD/LOQ (%)	DIL.	RESULTS (%)	QUALIFIER	TERPENE	LOD/LOQ (%)	DIL.	RESULTS (%)	QUALIFIER
3-Carene	0.001/0.003	1	ND	Q3	Geraniol	0.001/0.003	1	ND	Q3
alpha-Bisobolol	0.001/0.003	1	0.079	Q3	Geranyl acetate	0.001/0.003	1	ND	Q3
alpha-Cedrene	0.001/0.003	1	ND	Q3	Guaiol	0.001/0.003	1	0.018	Q3
alpha-Humulene	0.001/0.003	1	ND	Q3	Hexahydrothymol	0.001/0.003	1	ND	Q3
alpha-Pinene	0.001/0.003	1	ND	Q3	Isoborneol	0.001/0.003	1	ND	Q3
alpha-Terpinene	0.001/0.003	1	ND	Q3	Isopulegol	0.001/0.003	1	ND	Q3
beta-Myrcene	0.001/0.003	1	ND	Q3	Limonene	0.001/0.003	1	ND	Q3
beta-Pinene	0.001/0.003	1	ND	Q3	Linalool	0.001/0.003	1	0.004	Q3
Borneol	0.001/0.003	1	ND	Q3	Nerol	0.001/0.003	1	ND	Q3
Camphene	0.001/0.003	1	ND	Q3	p-Mentha-1,5-diene	0.001/0.003	1	ND	Q3
Camphor	0.001/0.003	1	ND	Q3	Pulegone	0.001/0.003	1	ND	Q3
Caryophyllene oxide	0.001/0.003	1	0.023	Q3	Sabinene hydrate	0.001/0.003	1	ND	Q3
Cedrol	0.001/0.003	1	0.020	Q3	Terpineol	0.001/0.003	1	0.008	Q3
cis-Nerolidol	0.001/0.003	1	ND	Q3	Terpinolene	0.001/0.003	1	ND	Q3
cis-Ocimene	0.001/0.003	1	ND	Q3	trans-Caryophyllene	0.001/0.003	1	ND	Q3
Eucalyptol	0.001/0.003	1	ND	Q3	trans-Nerolidol	0.001/0.003	1	0.009	Q3
Fenchone	0.001/0.003	1	ND	Q3	trans-Ocimene	0.001/0.003	1	ND	Q3
Fenchyl alcohol	0.001/0.003	1	<LOQ	Q3	Valencene	0.001/0.003	1	ND	Q3
gamma-Terpinene	0.001/0.003	1	ND	Q3					



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RESIDUAL SOLVENTS

HS-GC-MS

PASS

Sample Prep

Tech: 3978
SOP: 405.AZ
Batch Number: 61533
Batch Date: 09/26/2023 18:04:53

Sample Analysis

Date/Time: 09/29/2023 14:38:55
Tech: 3997
SOP: 405.AZ
Final Weight: 0.054 g
Volume: 1 ml

ANALYTE	LOD/LOQ (ppm)	DIL.	ACTION LIMIT (ppm)	RESULTS (ppm)	QUALIFIER	ANALYTE	LOD/LOQ (ppm)	DIL.	ACTION LIMIT (ppm)	RESULTS (ppm)	QUALIFIER
2-Propanol	333/1000	1	5000	ND		Ethyl ether	333/1000	1	5000	ND	
Acetone	67/200	1	1000	ND		Heptane	333/1000	1	5000	ND	
Acetonitrile	27/82	1	410	ND		Hexanes	48/145	1	290	ND	
Benzene	0.13/0.4	1	2	ND		Isopropyl acetate	333/1000	1	5000	ND	
Butanes	167/500	1	5000	ND		Methanol	200/600	1	3000	ND	
Chloroform	4/12	1	60	ND		Pentanes	333/1000	1	5000	ND	
Dichloromethane	40/120	1	600	ND		Propane	167/500	1	5000	ND	
Ethanol	333/1000	1	5000	ND		Toluene	59/178	1	890	ND	
Ethyl acetate	333/1000	1	5000	ND		Xylenes	289/868	1	2170	ND	

HEAVY METAL ANALYSIS

ICP-MS

PASS

Sample Prep

Tech: 3958
SOP: 428.AZ
Batch Number: 61543
Batch Date: 09/27/2023 13:14:00

Sample Analysis

Date/Time: 09/28/2023 18:40:05
Tech: 3971
SOP: 428.AZ
Final Weight: 0.217 g
Volume: 6 ml

ANALYTE	LOD/LOQ (ppm)	DIL.	ACTION LIMIT (ppm)	RESULTS (ppm)	QUALIFIER
Arsenic	0.02/0.2	10	0.4	ND	
Cadmium	0.02/0.2	10	0.4	ND	
Lead	0.02/0.5	10	1	ND	
Mercury	0.02/0.6	10	1.2	ND	

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MICROBIAL ANALYSIS

PASS

Sample Prep

Tech: 3958
SOP: 431.AZ

Batch Number: 61540
Batch Date: 09/27/2023 12:22:25

Date/Time: 09/29/2023 17:22:11
Tech: 3989
SOP: 431.AZ

Final Weight: 1.07 g

ANALYTE	TEST METHOD	ALLOWABLE CRITERIA	ACTUAL RESULT	PASS/FAIL	QUALIFIER
E. coli	Tempo	< 100 CFU/g	< 100 CFU/g	PASS	

Sample Analysis

Sample Prep

Tech: 3958
SOP: 406.AZ

Batch Number: 61541
Batch Date: 09/27/2023 12:23:04

Date/Time: 09/29/2023 17:22:26
Tech: 3989
SOP: 406.AZ

Final Weight: 1.029 g

ANALYTE	TEST METHOD	ALLOWABLE CRITERIA	ACTUAL RESULT	PASS/FAIL	QUALIFIER
Salmonella	qPCR	Not Detected in One Gram	Not Detected in One Gram	PASS	

Sample Analysis

Sample Prep

Tech: 3958
SOP: 406.AZ

Batch Number: 61541
Batch Date: 09/27/2023 12:23:04

Date/Time: 09/29/2023 17:22:26
Tech: 3989
SOP: 406.AZ

Final Weight: 1.029 g

ANALYTE	TEST METHOD	ALLOWABLE CRITERIA	ACTUAL RESULT	PASS/FAIL	QUALIFIER
Aspergillus flavus	qPCR	Not Detected in One Gram	Not Detected in One Gram	PASS	
Aspergillus fumigatus	qPCR	Not Detected in One Gram	Not Detected in One Gram	PASS	
Aspergillus niger	qPCR	Not Detected in One Gram	Not Detected in One Gram	PASS	
Aspergillus terreus	qPCR	Not Detected in One Gram	Not Detected in One Gram	PASS	

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QUALIFIER LEGEND

ALSO REFERENCED AS "Q"

- 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*
- 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*
- 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*

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