

Raspberry Lemonade

Sample ID: 2505APO1944.10133
Strain: Raspberry Lemonade
Matrix: Concentrates & Extracts
Type: Distillate
Source Batch #: AV7000

Produced:
Collected: 05/05/2025 11:57 am
Received: 05/05/2025
Completed: 05/16/2025
Batch #: RBLMAV701
Harvest Date: 02/17/2025

Client
Ponderosa Botanical Care
Lic. # 0000154ESTQI31348041

Lot #:
Production/Manufacture Date: 05/01/2025
Production/Manufacture Method: Vacuum Distillation



Summary

Test	Date Tested	Result
Batch		Pass
Cannabinoids	05/07/2025	Complete
Microbials	05/09/2025	Pass

Cannabinoids by SOP-6

Complete

95.4969%	0.1539%	99.9988%	NT
Total THC	Total CBD	Total Cannabinoids ^(Q3)	Total Terpenes ^(Q3)

Analyte	LOD %	LOQ %	Result %	Result mg/g	Q
THCa		0.1000	ND	ND	
Δ9-THC		0.1000	95.4969	954.969	
Δ8-THC		0.1000	0.9536	9.536	
THCV		0.1000	0.3913	3.913	
CBDa		0.1000	ND	ND	
CBD		0.1000	0.1539	1.539	
CBDVa		0.1000	ND	ND	
CBDV		0.1000	ND	ND	
CBN		0.1000	0.3488	3.488	
CBGa		0.1000	ND	ND	
CBG		0.1000	1.9379	19.379	
CBC		0.1000	0.7164	7.164	
Total THC			95.4969	954.9690	
Total CBD			0.1539	1.5390	
Total			99.9988	999.988	

Date Tested: 05/07/2025 07:00 am



Anthony Settanni
Anthony Settanni
Lab Director
05/16/2025

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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
E. Coli by traditional plating: SOP-13	CFU/g 10.0	CFU/g 100.0	CFU/g < 10 CFU/g	Pass	

Date Tested: 05/09/2025 12:00 am

Mycotoxins by SOP-22

Not Tested

Analyte	LOD	LOQ	Limit	Units	Status	Q
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Date Tested:

Heavy Metals by SOP-21

Not Tested

Analyte	LOD	LOQ	Limit	Units	Status	Q
---------	-----	-----	-------	-------	--------	---

Date Tested:



Anthony Settanni
Anthony Settanni
Lab Director
05/16/2025

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Lot #:

Production/Manufacture Date: 05/01/2025

Production/Manufacture Method: Vacuum Distillation

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
05/16/2025

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Lot #:
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Production/Manufacture Method: Vacuum Distillation

Apollo Labs																	
Change Request Form																	
Person(s) requesting change: FA/LA# of person(s) requesting change: Organization Name/License #: Date update requested: Initials of Requesting Individual:		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th colspan="2" style="text-align: left; padding: 2px;">Client information</th> </tr> <tr> <td style="width: 50%; padding: 2px;">Joshua Ritchie</td> <td style="width: 50%; padding: 2px;"></td> </tr> <tr> <td style="padding: 2px;">1684340FAQV911131694</td> <td style="padding: 2px;"></td> </tr> <tr> <td style="padding: 2px;">480 License Holdings LLC - 0000154ESTQI31348041</td> <td style="padding: 2px;"></td> </tr> <tr> <td style="padding: 2px;">5/14/2025</td> <td style="padding: 2px;"></td> </tr> <tr> <td style="padding: 2px;">JR</td> <td style="padding: 2px;"></td> </tr> </table>				Client information		Joshua Ritchie		1684340FAQV911131694		480 License Holdings LLC - 0000154ESTQI31348041		5/14/2025		JR	
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By signing this Change Request Form, submitter understands Apollo Labs is not responsible for any compliance related matter caused by the change and that submitter's internal compliance professionals previously determined the change complies with applicable rules and regulations of the Arizona Department of Health Services.																	
FOR INTERNAL LABORATORY TRACKING USE ONLY																	
Internal Tracking ID: Individual(s) Performing CoA/Testing Request Update: Date(s) of change: Change tracking information updated: Additional Notes:		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; padding: 2px;">05162025-003</td> <td style="width: 50%; padding: 2px;"></td> </tr> <tr> <td style="padding: 2px;">Darby Deak</td> <td style="padding: 2px;"></td> </tr> <tr> <td style="padding: 2px;">5/16/2025</td> <td style="padding: 2px;"></td> </tr> <tr> <td style="padding: 2px;">Yes</td> <td style="padding: 2px;"></td> </tr> </table>				05162025-003		Darby Deak		5/16/2025		Yes					
05162025-003																	
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5/16/2025																	
Yes																	
Change Index	Accession Number/Confident Cannabis ID	Field to be Changed	Original Value	Updated Value	Reason for Change												
15	2505APO1944.10121	Production Method	Butane	Vacuum Distillation	AZDHS Requested Update												
16	2505APO1944.10122	Production Method	Butane	Vacuum Distillation	AZDHS Requested Update												
17	2505APO1944.10123	Production Method	Butane	Vacuum Distillation	AZDHS Requested Update												
18	2505APO1944.10124	Production Method	Butane	Vacuum Distillation	AZDHS Requested Update												
19	2505APO1944.10125	Production Method	Butane	Vacuum Distillation	AZDHS Requested Update												
20	2505APO1944.10126	Production Method	Butane	Vacuum Distillation	AZDHS Requested Update												
21	2505APO1944.10127	Production Method	Butane	Vacuum Distillation	AZDHS Requested Update												
22	2505APO1944.10129	Production Method	Butane	Vacuum Distillation	AZDHS Requested Update												
23	2505APO1944.10130	Production Method	Butane	Vacuum Distillation	AZDHS Requested Update												
24	2505APO1944.10131	Production Method	Butane	Vacuum Distillation	AZDHS Requested Update												
25	2505APO1944.10132	Production Method	Butane	Vacuum Distillation	AZDHS Requested Update												
26	2505APO1944.10133	Production Method	Butane	Vacuum Distillation	AZDHS Requested Update												
27	2505APO1944.10134	Production Method	Butane	Vacuum Distillation	AZDHS Requested Update												



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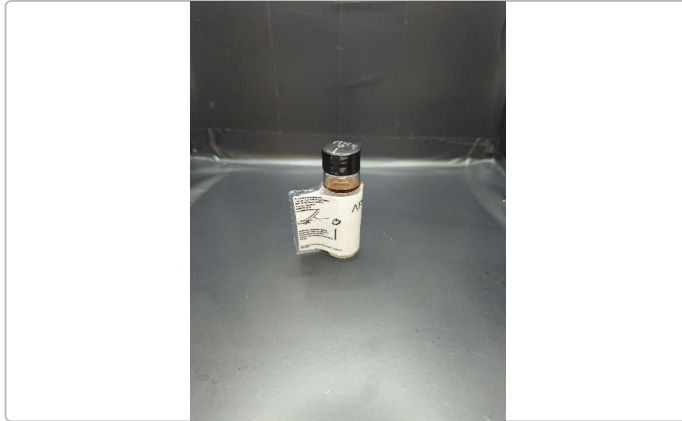
Mother Batch

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Client
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Lic. # 0000154ESTQI31348041

Lot #:
Production/Manufacture Date: 04/25/2025
Production/Manufacture Method: Vacuum Distillation



Summary

Test	Date Tested	Result
Batch		Pass
Cannabinoids	05/06/2025	Complete
Residual Solvents	05/06/2025	Pass
Microbials	05/09/2025	Pass
Mycotoxins	05/06/2025	Pass
Pesticides	05/06/2025	Pass
Heavy Metals	05/07/2025	Pass

Cannabinoids by SOP-6

Complete

95.0864%	0.1502%	99.8666%	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	95.0864	950.864	
Δ8-THC		0.1000	1.3019	13.019	
THCV		0.1000	0.3959	3.959	
CBDa		0.1000	ND	ND	
CBD		0.1000	0.1502	1.502	
CBDVa		0.1000	ND	ND	
CBDV		0.1000	ND	ND	
CBN		0.1000	0.3013	3.013	
CBGa		0.1000	ND	ND	
CBG		0.1000	1.9159	19.159	
CBC		0.1000	0.7150	7.150	
Total THC			95.0864	950.8640	
Total CBD			0.1502	1.5020	
Total			99.8666	998.666	

Date Tested: 05/06/2025 07:00 am



Anthony Settanni
Anthony Settanni
Lab Director
05/16/2025

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Lot #:
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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	Metaxyl	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: 05/06/2025 07:00 am



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Anthony Settanni
Lab Director
05/16/2025

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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: 05/09/2025 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	R1
Total Aflatoxins	5	10	20	ND	Pass	R1
Ochratoxin A	5	10	20	ND	Pass	R1

Date Tested: 05/06/2025 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	
Mercury	0.0500	0.0660	0.2000	ND	Pass	

Date Tested: 05/07/2025 07:00 am



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05/16/2025

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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: 05/06/2025 07:00 am




Anthony Settanni
Lab Director
05/16/2025

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

Sample ID: 2505APO1944.10121
Strain: Mother Batch
Matrix: Concentrates & Extracts
Type: Distillate
Source Batch #:

Produced:
Collected: 05/05/2025 11:57 am
Received: 05/05/2025
Completed: 05/16/2025
Batch #: AV7000
Harvest Date: 02/17/2025

Client
Ponderosa Botanical Care
Lic. # 0000154ESTQI31348041

Lot #:
Production/Manufacture Date: 04/25/2025
Production/Manufacture Method: Vacuum Distillation

Terpenes

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



Primary Aromas

--	--	--	--	--

Date Tested:



Anthony Settanni

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Lab Director
05/16/2025

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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:





Bryant Kearl
Chief Scientific Officer
05/16/2025

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Lot #:
Production/Manufacture Date: 04/25/2025
Production/Manufacture Method: Vacuum Distillation

Apollo Labs																	
Change Request Form																	
Person(s) requesting change: FA/LA# of person(s) requesting change: Organization Name/License #: Date update requested: Initials of Requesting Individual:		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th colspan="2" style="text-align: left; padding: 2px;">Client information</th> </tr> <tr> <td style="width: 50%; padding: 2px;">Joshua Ritchie</td> <td style="width: 50%; padding: 2px;"></td> </tr> <tr> <td style="padding: 2px;">1684340FAQV911131694</td> <td style="padding: 2px;"></td> </tr> <tr> <td style="padding: 2px;">480 License Holdings LLC - 0000154ESTQI31348041</td> <td style="padding: 2px;"></td> </tr> <tr> <td style="padding: 2px;">5/14/2025</td> <td style="padding: 2px;"></td> </tr> <tr> <td style="padding: 2px;">JR</td> <td style="padding: 2px;"></td> </tr> </table>				Client information		Joshua Ritchie		1684340FAQV911131694		480 License Holdings LLC - 0000154ESTQI31348041		5/14/2025		JR	
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5/14/2025																	
JR																	
By signing this Change Request Form, submitter understands Apollo Labs is not responsible for any compliance related matter caused by the change and that submitter's internal compliance professionals previously determined the change complies with applicable rules and regulations of the Arizona Department of Health Services.																	
FOR INTERNAL LABORATORY TRACKING USE ONLY																	
Internal Tracking ID: Individual(s) Performing CoA/Testing Request Update: Date(s) of change: Change tracking information updated: Additional Notes:		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; padding: 2px;">05162025-003</td> <td style="width: 50%; padding: 2px;"></td> </tr> <tr> <td style="padding: 2px;">Darby Deak</td> <td style="padding: 2px;"></td> </tr> <tr> <td style="padding: 2px;">5/16/2025</td> <td style="padding: 2px;"></td> </tr> <tr> <td style="padding: 2px;">Yes</td> <td style="padding: 2px;"></td> </tr> </table>				05162025-003		Darby Deak		5/16/2025		Yes					
05162025-003																	
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5/16/2025																	
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Change Index	Accession Number/Confident Cannabis ID	Field to be Changed	Original Value	Updated Value	Reason for Change												
15	2505APO1944.10121	Production Method	Butane	Vacuum Distillation	AZDHS Requested Update												
16	2505APO1944.10122	Production Method	Butane	Vacuum Distillation	AZDHS Requested Update												
17	2505APO1944.10123	Production Method	Butane	Vacuum Distillation	AZDHS Requested Update												
18	2505APO1944.10124	Production Method	Butane	Vacuum Distillation	AZDHS Requested Update												
19	2505APO1944.10125	Production Method	Butane	Vacuum Distillation	AZDHS Requested Update												
20	2505APO1944.10126	Production Method	Butane	Vacuum Distillation	AZDHS Requested Update												
21	2505APO1944.10127	Production Method	Butane	Vacuum Distillation	AZDHS Requested Update												
22	2505APO1944.10129	Production Method	Butane	Vacuum Distillation	AZDHS Requested Update												
23	2505APO1944.10130	Production Method	Butane	Vacuum Distillation	AZDHS Requested Update												
24	2505APO1944.10131	Production Method	Butane	Vacuum Distillation	AZDHS Requested Update												
25	2505APO1944.10132	Production Method	Butane	Vacuum Distillation	AZDHS Requested Update												
26	2505APO1944.10133	Production Method	Butane	Vacuum Distillation	AZDHS Requested Update												
27	2505APO1944.10134	Production Method	Butane	Vacuum Distillation	AZDHS Requested Update												



05/16/2025

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