0.1000

0.1000

0.1000

0.1000

0.1000

Grand Daddy Purple

LABS

Sample ID: 2407APO3324.15323 Strain: Grand Daddy Purple Matrix: Concentrates & Extracts Type: Formulated Vape Oil Source Batch #:

Produced: Collected: 07/31/2024 01:47 pm Received: 07/31/2024 Completed: 08/05/2024 Batch #: IO-0715-GDP

Client Io Extracts

Lic. # 00000067ESBS89254298

Lot #: IO-0715

Production/Manufacture Date: 07/15/2024 Production/Manufacture Method: Vacuum Distillation



Summary

Test Date Tested Result Batch **Pass** Cannabinoids 08/01/2024 Complete Microbials 08/05/2024 Pass

Cannabinoids by SOP-6

Complete

	91.3572% Total THC		ND Total CBD		96.5672 % Total Cannabino	96.5672 % Total Cannabinoids ^(Q3)		(Q3)
Analyte		LOD	LOQ	Result	Result			Q
		%	%	%	mg/g			
THCa			0.1000	ND	ND			
Δ9-THC			0.1000	91.3572	913.572			
Δ8-THC			0.1000	0.7430	7.430			
THCV			0.1000	ND	ND			
CBDa			0.1000	ND	ND			
CBD			0.1000	<loq< td=""><td><loq< td=""><td></td><td></td><td></td></loq<></td></loq<>	<loq< td=""><td></td><td></td><td></td></loq<>			
CBDVa			0.1000	ND	ND			

ND

ND

12.189

30.253

913.5720

965.672

2.228

ND

ND

ND

ND

1.2189

3.0253

0.2228

91.3572

Date Tested: 08/01/2024 07:00 am



CBDV

CBN

CBGa

CBG

CBC

Total

Total THC

Total CBD



Bryant Kearl Lab Director 08/05/2024

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2 of 3

Grand Daddy Purple

Sample ID: 2407APO3324.15323 Strain: Grand Daddy Purple Matrix: Concentrates & Extracts Type: Formulated Vape Oil Source Batch #:

Produced: Collected: 07/31/2024 01:47 pm Received: 07/31/2024 Completed: 08/05/2024 Batch #: IO-0715-GDP Harvest Date: 11/20/2023

Client

Io Extracts

Lic. # 00000067ESBS89254298

Lot #: IO-0715

Production/Manufacture Date: 07/15/2024

Production/Manufacture Method: Vacuum Distillation

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		<u> </u>
F. Coli by traditional plating: SOP-13	100	100.0	< 10 CFU/g	Pass	

Date Tested: 08/05/2024 12:00 am

Mycotoxins by SOP-22 Not Tested

LOQ Limit Units Analyte LOD Status

Date Tested:

Heavy Metals by SOP-21 Not Tested

LOD LOO Limit Units Analyte Status Q

Date Tested:



Bryant Kearl

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08/05/2024 ARIZONA DEPARTMENT OF HEALTH SERVICES' WARNING:
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KEEP OUT OF REACH OF CHILDREN.
The product associated with the COA has been tested by Apollo Labs using validated state certified testing methodologies as required by Arizona state law. Values reported herein relate only to the specific sample of

Lab Director





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3 of 3

Grand Daddy Purple

Sample ID: 2407APO3324.15323 Strain: Grand Daddy Purple Matrix: Concentrates & Extracts Type: Formulated Vape Oil Source Batch #:

Produced: Collected: 07/31/2024 01:47 pm Received: 07/31/2024 Completed: 08/05/2024 Batch #: IO-0715-GDP Harvest Date: 11/20/2023

Client Io Extracts Lic. # 00000067ESBS89254298

Lot #: IO-0715 Production/Manufacture Date: 07/15/2024 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
М3	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:

Nirvana - Other Information

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

Cultivated by: Life Changers Investments LLC (Nirvana) (0000156ESTDP70697204)

Manufactured by Arizona Golden Leaf Wellness (00000067ESBS89254298)

Distributed through Arizona Golden Leaf Wellness (00000067ESBS89254298, 00000077DCPS0021660)

https://azcarecheck.azdhs.gov/s/

Notes and Addenda:





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1 of 6

Pass

IO-0715 Mother Distillate

Sample ID: 2407APO3094.14243 Strain: Hybrid Blend

Matrix: Concentrates & Extracts Type: Distillate Source Batch #:

Produced: Collected: 07/16/2024 01:27 pm Received: 07/16/2024 Completed: 07/19/2024 Batch #: IO-0715

Client

Io Extracts

Lic. # 00000067ESBS89254298

Lot #: IO-0715

Production/Manufacture Date: 07/15/2024

Production/Manufacture Method: Vacuum Distillation



Summary Test Date Tested Result Batch Pass Cannabinoids 07/17/2024 Complete **Residual Solvents** 07/17/2024 **Pass** Microbials 07/19/2024 **Pass**

07/17/2024 Pesticides 07/17/2024 Pass **Heavy Metals** 07/17/2024 Pass

Cannabinoids by SOP-6

Complete

92.7958%	ND	97.9633%	NT
Total THC	Total CBD	Total Cannabinoids (Q3)	Total Terpenes (Q3)

Mycotoxins

Analyte	LOD	LOQ	Result	Result	
	%	%	%	mg/g	
THCa		0.1000	ND	ND	
Δ9-ΤΗС		0.1000	92.7958	927.958	
Δ8-ΤΗС		0.1000	0.7042	7.042	
THCV		0.1000	ND	ND	
CBDa		0.1000	ND	ND	
CBD		0.1000	ND	ND	
CBDVa		0.1000	ND	ND	
CBDV		0.1000	ND	ND	
CBN		0.1000	1.1802	11.802	
CBGa		0.1000	ND	ND	
CBG		0.1000	3.0651	30.651	
CBC		0.1000	0.2178	2.178	
Total THC			92.7958	927.9580	
Total CBD			ND	ND	
Total			97.9633	979.633	

Date Tested: 07/17/2024 07:00 am





Bryant Kearl Lab Director 07/19/2024

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2 of 6

IO-0715 Mother Distillate

Sample ID: 2407APO3094.14243 Strain: Hybrid Blend

Matrix: Concentrates & Extracts Type: Distillate Source Batch #:

Produced: Collected: 07/16/2024 01:27 pm Received: 07/16/2024 Completed: 07/19/2024 Batch #: IO-0715 Harvest Date: 11/20/2023

Client

Io Extracts

Lic. # 00000067ESBS89254298

Lot #: IO-0715

Production/Manufacture Date: 07/15/2024

Production/Manufacture Method: Vacuum Distillation

Pesticides by SOP-22

Pass

Analyte	LOQ	Limit	Mass	Q	Status	Analyte	LOQ	Limit	Mass	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	lmazalil	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: 07/17/2024 07:00 am





Bryant Kearl Lab Director 07/19/2024

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3 of 6

IO-0715 Mother Distillate

Sample ID: 2407APO3094.14243 Strain: Hybrid Blend Matrix: Concentrates & Extracts

Type: Distillate

Source Batch #:

Produced: Collected: 07/16/2024 01:27 pm Received: 07/16/2024 Completed: 07/19/2024 Batch #: IO-0715 Harvest Date: 11/20/2023

Client

Io Extracts Lic. # 00000067ESBS89254298

Lot #: IO-0715

Production/Manufacture Date: 07/15/2024

Production/Manufacture Method: Vacuum Distillation

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

Date Tested: 07/19/2024 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	

Date Tested: 07/17/2024 07:00 am

Heavy Metals by SOP-21

Pass

Analyte	LOD	LOQ	Limit	Units	Status	Q
	PPM	PPM	PPM	PPM		
Arsenic	0.0660	0.1330	0.4000	ND	Pass	
Cadmium	0.0660	0.1330	0.4000	ND	Pass	
Lead	0.1660	0.3330	1.0000	ND	Pass	
Mercury	0.0330	0.0660	0.2000	ND	Pass	

Date Tested: 07/17/2024 07:00 am





Bryant Kearl Lab Director 07/19/2024

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KEEP OUT OF REACH OF CHILDREN.
The product associated with the COA has been tested by Apollo Labs using validated state certified testing methodologies as required by Arizona state law. Values reported herein relate only to the specific sample of

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IO-0715 Mother Distillate

Sample ID: 2407APO3094.14243 Strain: Hybrid Blend Matrix: Concentrates & Extracts Type: Distillate

Source Batch #:

Produced: Collected: 07/16/2024 01:27 pm Received: 07/16/2024 Completed: 07/19/2024 Batch #: IO-0715 Harvest Date: 11/20/2023

Client

Io Extracts

Lic. # 00000067ESBS89254298

Lot #: IO-0715

Production/Manufacture Date: 07/15/2024 Production/Manufacture Method: Vacuum Distillation

Residual Solvents by SOP-3

Analyte	LOQ	Limit	Mass	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: 07/17/2024 07:00 am



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5 of 6

IO-0715 Mother Distillate

Sample ID: 2407APO3094.14243 Strain: Hybrid Blend Matrix: Concentrates & Extracts

Produced: Collected: 07/16/2024 01:27 pm Received: 07/16/2024 Completed: 07/19/2024 Batch #: IO-0715 Harvest Date: 11/20/2023

Client Io Extracts

Lic. # 00000067ESBS89254298

Lot #: IO-0715

Production/Manufacture Date: 07/15/2024 Production/Manufacture Method: Vacuum Distillation

Terpenes

Type: Distillate

Source Batch #:

LOQ LOQ Analyte Mass Mass Mass Q Analyte Mass Q



Primary Aromas



Date Tested:



Bryant Kearl Lab Director 07/19/2024

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IO-0715 Mother Distillate

Sample ID: 2407APO3094.14243 Strain: Hybrid Blend Matrix: Concentrates & Extracts Type: Distillate

Source Batch #:

Produced: Collected: 07/16/2024 01:27 pm Received: 07/16/2024 Completed: 07/19/2024 Batch #: IO-0715 Harvest Date: 11/20/2023

Client Io Extracts Lic. # 00000067ESBS89254298

Lot #: IO-0715 Production/Manufacture Date: 07/15/2024 Production/Manufacture Method: Vacuum Distillation

Qualifiers Definitions

Qualifier Notation	Qualifier Description
l1	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
М3	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:

Nirvana - Other Information

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

Cultivated by: Life Changers Investments LLC (Nirvana) (0000156ESTDP70697204)

Manufactured by Arizona Golden Leaf Wellness (00000067ESBS89254298)

Distributed through Arizona Golden Leaf Wellness (00000067ESBS89254298, 00000077DCPS0021660)

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Notes and Addenda:





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Lab Director