ACS LABORATORY | BEYOND COMPLIANCE
721 Cortaro Dr.
Sun City Center, FL 33573
www.acslab.com
DEA No. RA0571996
FL License # CMTL-0003

Certificate of Analysis

Compliance Test

Florida

Higher Education - Lights Out - Deep Sleep Grape
Sample Matrix: HEMP
Extract
Ingestion

Client Information:
Higher Education *
5160 NW 156th St
Miami Gardens, FL 33014

Manufacturing Facility:
Arvida Labs LLC
1291 NW 65th Pl
Unit B
Fort Lauderdale, FL 33309

Order Details:
Order # MEL260812-100001
Order Date: 2026-08-12
Sample # AAHX993
Orig. Completion Date: 2026-08-20
COA Expiration Date: 2027-01-08

Batch Data:
Lot Id: LOTHC-1GR-001-26
Batch # LOTHC-1GR-001-26
Batch Date: 2026-01-08
Receipt Date: 2026-08-14
Lab Batch Date: 2026-08-14

Food Permits:
State: FL - #406287

Initial Gross Weight: 64.900 g
Net Weight per Package: 70000.000 mg
Net Weight per Serving: 7000 mg
Servings Per Package: 10

Statement of Amendment: Updated Client Address; Updated Client Address

Product Image

Potency Tested
HHCP Tested
Pesticides Passed
Heavy Metals Passed
Mycotoxins Passed
Residual Solvents Passed
Pathogenic Microbiology Passed
Microbiology Petrifilm Passed

Potency Summary

Total HHC	**<LOQ**	**Delta 9 THC**	**0.122%**
per Serving	0.00 mg	per Serving	8.54 mg
per Package	0.00 mg	per Package	85.4 mg
Total Active CBD	**<LOQ**	**Total CBG**	**<LOQ**
per Serving	0.00 mg	per Serving	0.00 mg
per Package	0.00 mg	per Package	0.00 mg
Total CBN	**<LOQ**	**Total Cannabinoids**	**0.122%**
per Serving	0.00 mg	per Serving	8.54 mg
per Package	0.00 mg	per Package	85.4 mg
Total Active THC	**0.122%**		
per Serving	8.54 mg		
per Package	85.4 mg		

Aixia Sun Lab Director/Principal Scientist
D.H.Sc., M.Sc., B.Sc., MT (AAB)

ACCREDITED CERT #6786.01
DEA REGISTERED LABORATORY #RA0571996

Definitions and Abbreviations used in this report: Total Active CBD = CBD + (CBD-A * 0.877), *Total CBDV = CBDV + (CBDVA * 0.867), Total Active THC = THCA-A * 0.877 + Delta 9 THC, Total THCV = THCV + (THCVA * 0.87) , CBG Total = (CBGA * 0.878) + CBG, CBN Total = (CBNA * 0.876) + CBN, Total CBC = CBC + (CBCA * 0.877), Total THC-O-Acetate = Delta 8 THC-O-Acetate + Delta 9 THC-O-Acetate, Total THCP = Delta8-THCP + Delta9-THCP, Total Cannabinoids = Total percentage of cannabinoids within the sample. (mg/ml) = Milligrams per Milliliter, LOQ = Limit of Quantitation, LOD = Limit of Detection, Dilution = Dilution Factor, (ppb) = Parts per Billion, (%) = Percent, (cfu/g) = Colony Forming Unit per Gram, (µg/g) = Microgram per Gram, (ppm) = Parts per Million, (ppm) = (µg/g), (aw) = Water Activity, (mg/Kg) = Milligram per Kilogram. ACS uses simple acceptance criteria. Passed – Analyte/microbe is not detected or is at the level below the action limit per regulatory state rule FL+GA. Failed – Analyte/microbe is at the level that equal or above the action limit per state rule. The results apply to the sample as received. Client supplied the net weight of g , * Measurement of Uncertainty for all test panels ≤15% Revised report- see statement of amendment above.

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QA and Report Issued By: 1057 on 2026-08-21 11:40:29 V3

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Ingestion

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Higher Education *
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Miami Gardens, FL 33014

Manufacturing Facility:
Arvida Labs LLC
1291 NW 65th Pl
Unit B
Fort Lauderdale, FL 33309

Order Details:
Order # MEL260812-100001
Order Date: 2026-08-12
Sample # AAHX993
Orig. Completion Date: 2026-08-20
COA Expiration Date: 2027-01-08

Batch Data:
Lot Id: LOTHC-1GR-001-26
Batch # LOTHC-1GR-001-26
Batch Date: 2026-01-08
Receipt Date: 2026-08-14
Lab Batch Date: 2026-08-14

Food Permits:
State: FL - #406287

Initial Gross Weight: 64.900 g
Net Weight per Package: 70000.000 mg
Net Weight per Serving: 7000 mg
Servings Per Package: 10

Potency (GA) +THCP

Sample Weight: 1515.000 mg

Tested

SOP13.050,SOP13.001 (LCMS,LCUV)

Pieces For Panel: 10

Analyte	LOD (mg/g)	LOQ (%)	Result (mg/g)	(%)	Per Serving (mg)	Per Package (mg)
Delta-9 THC	0.000013	0.015	1.220	0.122	8.54	85.4
CBD	0.0000540	0.015	<LOQ	<LOQ	<LOQ	<LOQ
CBDA	0.00001	0.015	<LOQ	<LOQ	<LOQ	<LOQ
CBG	0.000248	0.015	<LOQ	<LOQ	<LOQ	<LOQ
CBGA	0.00008	0.015	<LOQ	<LOQ	<LOQ	<LOQ
CBN	0.000014	0.015	<LOQ	<LOQ	<LOQ	<LOQ
Delta-10 THC	0.000003	0.015	<LOQ	<LOQ	<LOQ	<LOQ
Delta-8 THC	0.000026	0.015	<LOQ	<LOQ	<LOQ	<LOQ
Delta-9 THC-O Acetate	0.000077	0.03	<LOQ	<LOQ	<LOQ	<LOQ
Delta8-THCP	0.000375	0.015	<LOQ	<LOQ	<LOQ	<LOQ
Delta9-THCP	0.0000117	0.012	<LOQ	<LOQ	<LOQ	<LOQ
Exo-THC	0.00023	0.015	<LOQ	<LOQ	<LOQ	<LOQ
THCA-A	0.000032	0.015	<LOQ	<LOQ	<LOQ	<LOQ
Total Active THC			1.22	0.122	8.54	85.4
Total Active CBD			<LOQ	<LOQ	<LOQ	<LOQ

Aixia Sun Lab Director/Principal Scientist
D.H.Sc., M.Sc., B.Sc., MT (AAB)

Definitions are found on page 1

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Florida

Higher Education - Lights Out - Deep Sleep Grape
Sample Matrix: HEMP
Extract
Ingestion

Client Information:
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5160 NW 156th St
Miami Gardens, FL 33014

Manufacturing Facility:
Arvida Labs LLC
1291 NW 65th Pl
Unit B
Fort Lauderdale, FL 33309

Order Details:
Order # MEL260812-100001
Order Date: 2026-08-12
Sample # AAHX993
Orig. Completion Date: 2026-08-20
COA Expiration Date: 2027-01-08

Batch Data:
Lot Id: LOTHC-1GR-001-26
Batch # LOTHC-1GR-001-26
Batch Date: 2026-01-08
Receipt Date: 2026-08-14
Lab Batch Date: 2026-08-14

Food Permits:
State: FL - #406287

Initial Gross Weight: 64.900 g
Net Weight per Package: 70000.000 mg
Net Weight per Serving: 7000 mg
Servings Per Package: 10

Microbiology Plating Multi State

Passed

Sample Weight: 1013.600 mg

SOP13.003 (Petrifilm)

Dilution Factor: 1.000

Analyte	LOQ (cfu/g)	Action Level (cfu/g)	Result (cfu/g)	Analyte	LOQ (cfu/g)	Action Level (cfu/g)	Result (cfu/g)
				Total Yeast/Mold	1000	100000	<1000

Pathogenic Microbiology SAE (MicroArray) Multi State

Passed

Sample Weight: 1015.900 mg

SOP13.019 (Micro Array)

Dilution Factor: 1.000

Analyte	Action Level (cfu/g)	Result (cfu/g)	Analyte	Action Level (cfu/g)	Result (cfu/g)
Aspergillus flavus	1	Absence in 1g	E. Coli	1	Absence in 1g
Aspergillus fumigatus	1	Absence in 1g	Salmonella	1	Absence in 1g
Aspergillus niger	1	Absence in 1g	Shiga toxin-producing E. coli (STEC)	1	Absence in 1g
Aspergillus terreus	1	Absence in 1g			

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Florida

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Sample Matrix: HEMP
Extract
Ingestion

Client Information:
Higher Education *
5160 NW 156th St
Miami Gardens, FL 33014

Manufacturing Facility:
Arvida Labs LLC
1291 NW 65th Pl
Unit B
Fort Lauderdale, FL 33309

Order Details:
Order # MEL260812-100001
Order Date: 2026-08-12
Sample # AAHX993
Orig. Completion Date: 2026-08-20
COA Expiration Date: 2027-01-08

Batch Data:
Lot Id: LOTHC-1GR-001-26
Batch # LOTHC-1GR-001-26
Batch Date: 2026-01-08
Receipt Date: 2026-08-14
Lab Batch Date: 2026-08-14

Food Permits:
State: FL - #406287

Initial Gross Weight: 64.900 g
Net Weight per Package: 70000.000 mg
Net Weight per Serving: 7000 mg
Servings Per Package: 10

Heavy Metals Multi State - Ingestion

Passed

Sample Weight: 259.700 mg
SOP13.048 (ICP-MS)

Dilution Factor: 192.530

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Arsenic (As)	0.013	100	1500	<LOQ	Lead (Pb)	0.007	100	500	311.00000000000000
Cadmium (Cd)	0.003	100	500	<LOQ	Mercury (Hg)	0.016	100	3000	<LOQ

Mycotoxins Multi State

Passed

Sample Weight: 613.000 mg
SOP13.007 (LCMS/GCMS)

Dilution Factor: 2.450

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Aflatoxin B1	0.304	1.9	20	<LOQ	Aflatoxin G2	0.271	1.9	20	<LOQ
Aflatoxin B2	0.077	1.9	20	<LOQ	Aflatoxin Total	0.077	1.9	20	<LOQ
Aflatoxin G1	0.304	1.9	20	<LOQ	Ochratoxin A	0.754	3.8	20	<LOQ

HHCP - Multi State

Tested

Sample Weight: 1515.000 mg
SOP13.050,SOP13.001 (LCMS,LCUV)

Dilution Factor: 10000.000

Analyte	LOD (%)	LOQ (%)	Result (mg/g)	(%)	Analyte	LOD (%)	LOQ (%)	Result (mg/g)	(%)
(9R)-HHC	0.000	0.1	<LOQ	<LOQ	CBC	0.000	0.075	<LOQ	<LOQ
(9S)-HHC	0.000	0.1	<LOQ	<LOQ	Delta-8 THC methyl ether	0.000	0.075	<LOQ	<LOQ
1(R)-H4-CBD	0.000	0.15	<LOQ	<LOQ	Delta-9 THC methyl ether	0.000	0.075	<LOQ	<LOQ
1(S)-H4-CBD	0.000	0.15	<LOQ	<LOQ	H2-CBD	0.000	0.075	<LOQ	<LOQ
9(R)-HHCP	0.000	0.075	<LOQ	<LOQ	Total HHC		0.075	<LOQ	<LOQ
9(S)-HHCP	0.000	0.075	<LOQ	<LOQ					

Aixia Sun Lab Director/Principal Scientist
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Certificate of Analysis

Compliance Test

Florida

Higher Education - Lights Out - Deep Sleep Grape
Sample Matrix: HEMP
Extract
Ingestion

Client Information:
Higher Education *
5160 NW 156th St
Miami Gardens, FL 33014

Manufacturing Facility:
Arvida Labs LLC
1291 NW 65th Pl
Unit B
Fort Lauderdale, FL 33309

Order Details:
Order # MEL260812-100001
Order Date: 2026-08-12
Sample # AAHX993
Orig. Completion Date: 2026-08-20
COA Expiration Date: 2027-01-08

Batch Data:
Lot Id: LOTHC-1GR-001-26
Batch # LOTHC-1GR-001-26
Batch Date: 2026-01-08
Receipt Date: 2026-08-14
Lab Batch Date: 2026-08-14

Food Permits:
State: FL - #406287

Initial Gross Weight: 64.900 g
Net Weight per Package: 70000.000 mg
Net Weight per Serving: 7000 mg
Servings Per Package: 10

Residual Solvents- FL+GA

Passed

Sample Weight: 15.100 mg
SOP13.039 (GCMS-HS)

Dilution Factor: 1.000

Analyte	LOD (ppm)	LOQ (ppm)	Action Level (ppm)	Result (ppm)	Analyte	LOD (ppm)	LOQ (ppm)	Action Level (ppm)	Result (ppm)
1,1-Dichloroethene	0.009	1.6	8	<LOQ	Heptane	0.001	13.9	5000	<LOQ
1,2-Dichloroethane	0.000	0.4	2	<LOQ	Hexane	0.068	11.7	250	<LOQ
Acetone	0.015	20.8	750	<LOQ	Isopropyl alcohol	0.005	13.9	500	<LOQ
Acetonitrile	0.060	11.7	60	<LOQ	Methanol	0.001	6.9	250	16.228
Benzene	0.000	0.2	1	<LOQ	Methylene chloride	0.003	24.3	125	<LOQ
Butane	0.417	25	5000	<LOQ	Pentane	0.037	20.8	750	<LOQ
Chloroform	0.000	0.4	2	<LOQ	Propane	0.031	58.3	5000	<LOQ
Ethanol	0.002	27.8	5000	<LOQ	Toluene	0.001	29.2	150	<LOQ
Ethyl Acetate	0.001	11.1	400	<LOQ	Total Xylenes	0.000	29.2	150	<LOQ
Ethyl Ether	0.005	13.9	500	<LOQ	Trichloroethylene	0.001	4.9	25	<LOQ
Ethylene Oxide	0.004	1	5	<LOQ					

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Sample Matrix: HEMP Extract Ingestion

Client Information:
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Miami Gardens, FL 33014

Manufacturing Facility:
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1291 NW 65th Pl
Unit B
Fort Lauderdale, FL 33309

Order Details:
Order # MEL260812-100001
Order Date: 2026-08-12
Sample # AAHX993
Orig. Completion Date: 2026-08-20
COA Expiration Date: 2027-01-08

Batch Data:
Lot Id: LOTHC-1GR-001-26
Batch # LOTHC-1GR-001-26
Batch Date: 2026-01-08
Receipt Date: 2026-08-14
Lab Batch Date: 2026-08-14

Food Permits:
State: FL - #406287

Initial Gross Weight: 64.900 g
Net Weight per Package: 70000.000 mg
Net Weight per Serving: 7000 mg
Servings Per Package: 10

Pesticides Multi State - Ingestion

Passed

Sample Weight: 613.000 mg
SOP13.007 (LCMS/GCMS)
Dilution Factor: 2.450

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Abamectin	0.399	23.3	300	<LOQ	Fludioxonil	0.360	24.8	3000	<LOQ
Acephate	0.141	24.8	3000	<LOQ	Hexythiazox	0.113	24.8	2000	<LOQ
Acequinocyl	2.178	24.8	2000	<LOQ	Imazalil	0.258	24.8	100	<LOQ
Acetamiprid	0.140	24.8	3000	<LOQ	Imidacloprid	0.402	24.8	3000	<LOQ
Aldicarb	0.203	24.8	100	<LOQ	Kresoxim Methyl	0.182	24.8	1000	<LOQ
Azoxystrobin	0.188	24.8	3000	<LOQ	Malathion	0.223	24.8	2000	<LOQ
Bifenazate	0.086	24.8	3000	<LOQ	Metalaxyl	0.270	24.8	3000	<LOQ
Bifenthrin	0.100	24.8	500	<LOQ	Methiocarb	0.118	24.8	100	<LOQ
Boscalid	0.595	24.8	3000	<LOQ	Methomyl	0.064	24.8	100	<LOQ
Captan	6.430	323	3000	<LOQ	methyl-Parathion	0.820	24.8	100	<LOQ
Carbaryl	0.122	24.8	500	<LOQ	Mevinphos	0.093	24.8	100	<LOQ
Carbofuran	0.086	24.8	100	<LOQ	Myclobutanil	0.573	24.8	3000	<LOQ
Chlorantraniliprole	0.084	24.8	3000	<LOQ	Naled	0.069	24.8	500	<LOQ
Chlordane	1.410	24.8	100	<LOQ	Oxamyl	0.041	24.8	500	<LOQ
Chlorfenapyr	1.500	24.8	100	<LOQ	Paclobutrazol	0.186	24.8	100	<LOQ
Chlormequat Chloride	0.205	24.8	3000	<LOQ	Pentachloronitrobenzen (Quintozene)	7.950	24.8	200	<LOQ
Chlorpyrifos	0.109	24.8	100	<LOQ	Permethrins	0.624	24.8	1000	<LOQ
Clofentezine	0.212	24.8	500	<LOQ	Phosmet	0.127	24.8	200	<LOQ
Coumaphos	0.206	24.8	100	<LOQ	Piperonylbutoxide	0.149	24.8	3000	<LOQ
Cyfluthrin	0.980	24.8	1000	<LOQ	Prallethrin	1.476	24.8	400	<LOQ
Cypermethrin	0.985	24.8	1000	<LOQ	Propiconazole	0.294	24.8	1000	<LOQ
Daminozide	1.655	24.8	100	<LOQ	Propoxur	0.100	24.8	100	<LOQ
Diazinon	0.212	24.8	200	<LOQ	Pyrethrins	0.067	12.9	1000	<LOQ
Dichlorvos	1.130	24.8	100	<LOQ	Pyridaben	0.140	24.8	3000	<LOQ
Dimethoate	0.063	24.8	100	<LOQ	Spinetoram	0.424	24.8	3000	<LOQ
Dimethomorph	2.581	24.8	3000	<LOQ	Spinosad	0.028	24.8	3000	<LOQ
Ethoprophos	0.151	24.8	100	<LOQ	Spiromesifen	0.120	24.8	3000	<LOQ
Etofenprox	0.172	24.8	100	<LOQ	Spirotetramat	0.211	24.8	3000	<LOQ
Etoxazole	0.866	24.8	1500	<LOQ	Spiroxamine	0.533	24.8	100	<LOQ
Fenhexamid	0.588	24.8	3000	<LOQ	Tebuconazole	0.230	24.8	1000	<LOQ
Fenoxycarb	0.274	24.8	100	<LOQ	Thiacloprid	0.170	24.8	100	<LOQ
Fenpyroximate	0.198	24.8	2000	<LOQ	Thiamethoxam	0.179	24.8	1000	<LOQ
Fipronil	0.317	24.8	100	<LOQ	Trifloxystrobin	0.134	24.8	3000	<LOQ
Flonicamid	0.466	24.8	2000	<LOQ					

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Certificate of Analysis

Compliance Test

Georgia

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Sample Matrix: HEMP
Extract
Ingestion

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5160 NW 156th St
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Lot Id: LOTHC-1GR-001-26
Batch # LOTHC-1GR-001-26
Batch Date: 2026-01-08
Receipt Date: 2026-08-14
Lab Batch Date: 2026-08-14

Food Permits:
State: FL - #406287

Initial Gross Weight: 64.900 g
Net Weight per Package: 70000.000 mg
Net Weight per Serving: 7000 mg
Servings Per Package: 10

Statement of Amendment: Updated Client Address; Updated Client Address

Product Image

Potency	Tested
HHCP	Tested
Pesticides	Passed
Heavy Metals	Passed
Mycotoxins	Passed
Residual Solvents	Passed
Pathogenic Microbiology	Passed
Microbiology Petrifilm	Passed
Filth and Foreign	Passed

Potency Summary

Total HHC	<LOQ
per Serving	0.00 mg
per Package	0.00 mg

Delta 9 THC	0.122%
per Serving	8.54 mg
per Package	85.4 mg

Total Active CBD	<LOQ
per Serving	0.00 mg
per Package	0.00 mg

Total CBG	<LOQ
per Serving	0.00 mg
per Package	0.00 mg

Total CBN	<LOQ
per Serving	0.00 mg
per Package	0.00 mg

Total Cannabinoids	0.122%
per Serving	8.54 mg
per Package	85.4 mg

Total Active THC	0.122%
per Serving	8.54 mg
per Package	85.4 mg

Aixia Sun Lab Director/Principal Scientist
D.H.Sc., M.Sc., B.Sc., MT (AAB)

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Definitions and Abbreviations used in this report: Total Active CBD = CBD + (CBD-A * 0.877), *Total CBDV = CBDV + (CBDVA * 0.867), Total Active THC = THCA-A * 0.877 + Delta 9 THC, Total THCV = THCV + (THCVA * 0.87) , CBG Total = (CBGA * 0.878) + CBG, CBN Total = (CBNA * 0.876) + CBN, Total CBC = CBC + (CBCA * 0.877), Total THC-O-Acetate = Delta 8 THC-O-Acetate + Delta 9 THC-O-Acetate, Total THCP = Delta8-THCP + Delta9-THCP, Total Cannabinoids = Total percentage of cannabinoids within the sample. (mg/ml) = Milligrams per Milliliter, LOQ = Limit of Quantitation, LOD = Limit of Detection, Dilution = Dilution Factor, (ppb) = Parts per Billion, (%) = Percent, (cfu/g) = Colony Forming Unit per Gram, (µg/g) = Microgram per Gram, (ppm) = Parts per Million, (ppm) = (µg/g), (aw) = Water Activity, (mg/Kg) = Milligram per Kilogram. ACS uses simple acceptance criteria. Passed – Analyte/microbe is not detected or is at the level below the action limit per regulatory state rule FL+GA. Failed – Analyte/microbe is at the level that equal or above the action limit per state rule. The results apply to the sample as received. Client supplied the net weight of g , * Measurement of Uncertainty for all test panels ≤15% Revised report- see statement of amendment above.

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DEA No. RA0571996
FL License # CMTL-0003

Certificate of Analysis

Compliance Test

Georgia

Higher Education - Lights Out - Deep Sleep Grape
Sample Matrix: HEMP
Extract
Ingestion

Client Information:
Higher Education *
5160 NW 156th St
Miami Gardens, FL 33014

Manufacturing Facility:
Arvida Labs LLC
1291 NW 65th Pl
Unit B
Fort Lauderdale, FL 33309

Order Details:
Order # MEL260812-100001
Order Date: 2026-08-12
Sample # AAHX993
Orig. Completion Date: 2026-08-20

Batch Data:
Lot Id: LOTHC-1GR-001-26
Batch # LOTHC-1GR-001-26
Batch Date: 2026-01-08
Receipt Date: 2026-08-14
Lab Batch Date: 2026-08-14

Food Permits:
State: FL - #406287

Initial Gross Weight: 64.900 g
Net Weight per Package: 70000.000 mg
Net Weight per Serving: 7000 mg
Servings Per Package: 10

Potency (GA) +THCP

Sample Weight: 1515.000 mg

Tested

SOP13.050,SOP13.001 (LCMS,LCUV)

Pieces For Panel: 10

Analyte	LOD (mg/g)	LOQ (%)	Result (mg/g)	(%)	Per Serving (mg)	Per Package (mg)
Delta-9 THC	0.000013	0.015	1.220	0.122	8.54	85.4
CBD	0.0000540	0.015	<LOQ	<LOQ	<LOQ	<LOQ
CBDA	0.00001	0.015	<LOQ	<LOQ	<LOQ	<LOQ
CBG	0.000248	0.015	<LOQ	<LOQ	<LOQ	<LOQ
CBGA	0.00008	0.015	<LOQ	<LOQ	<LOQ	<LOQ
CBN	0.000014	0.015	<LOQ	<LOQ	<LOQ	<LOQ
Delta-10 THC	0.000003	0.015	<LOQ	<LOQ	<LOQ	<LOQ
Delta-8 THC	0.000026	0.015	<LOQ	<LOQ	<LOQ	<LOQ
Delta-9 THC-O Acetate	0.000077	0.03	<LOQ	<LOQ	<LOQ	<LOQ
Delta8-THCP	0.000375	0.015	<LOQ	<LOQ	<LOQ	<LOQ
Delta9-THCP	0.0000117	0.012	<LOQ	<LOQ	<LOQ	<LOQ
Exo-THC	0.00023	0.015	<LOQ	<LOQ	<LOQ	<LOQ
THCA-A	0.000032	0.015	<LOQ	<LOQ	<LOQ	<LOQ
Total Active THC			1.22	0.122	8.54	85.4
Total Active CBD			<LOQ	<LOQ	<LOQ	<LOQ

Aixia Sun Lab Director/Principal Scientist
D.H.Sc., M.Sc., B.Sc., MT (AAB)

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Certificate of Analysis

Compliance Test

Georgia

Higher Education - Lights Out - Deep Sleep Grape
Sample Matrix: HEMP
Extract
Ingestion

Client Information:
Higher Education *
5160 NW 156th St
Miami Gardens, FL 33014

Manufacturing Facility:
Arvida Labs LLC
1291 NW 65th Pl
Unit B
Fort Lauderdale, FL 33309

Order Details:
Order # MEL260812-100001
Order Date: 2026-08-12
Sample # AAHX993
Orig. Completion Date: 2026-08-20

Batch Data:
Lot Id: LOTHC-1GR-001-26
Batch # LOTHC-1GR-001-26
Batch Date: 2026-01-08
Receipt Date: 2026-08-14
Lab Batch Date: 2026-08-14

Food Permits:
State: FL - #406287

Initial Gross Weight: 64.900 g
Net Weight per Package: 70000.000 mg
Net Weight per Serving: 7000 mg
Servings Per Package: 10

Microbiology Plating Multi State

Passed
SOP13.003 (Petrifilm)

Sample Weight: 1013.600 mg
Dilution Factor: 1.000

Analyte	LOQ (cfu/g)	Action Level (cfu/g)	Result (cfu/g)	Analyte	LOQ (cfu/g)	Action Level (cfu/g)	Result (cfu/g)
Bile tolerant gram-negative bacteria	100	1000	<100	Total Yeast/Mold	1000	10000	<1000
Total Aerobic Count	1000	100000	<1000				

Filth And Foreign Materials - Multi State

Passed
SOP13.020 (Electronic Balance)

Sample Weight: N/A **Dilution Factor: 1.000**

Analyte	Action Level (%)	Result (%)	Analyte	Action Level (%)	Result (%)
Covered Area	10	0.000	Weight %	1	0.000
Feces	0.5	0.000			

Pathogenic Microbiology SAE (MicroArray) Multi State

Passed
SOP13.019 (Micro Array)

Sample Weight: 1015.900 mg
Dilution Factor: 1.000

Analyte	Action Level (cfu/g)	Result (cfu/g)	Analyte	Action Level (cfu/g)	Result (cfu/g)
Aspergillus flavus	1	Absence in 1g	Shiga toxin-producing E. coli (STEC)	1	Absence in 1g
Aspergillus fumigatus	1	Absence in 1g			
Aspergillus niger	1	Absence in 1g			
Aspergillus terreus	1	Absence in 1g			

Aixia Sun Lab Director/Principal Scientist
D.H.Sc., M.Sc., B.Sc., MT (AAB)

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Certificate of Analysis

Compliance Test

Georgia

Higher Education - Lights Out - Deep Sleep Grape
Sample Matrix: HEMP
Extract
Ingestion

Client Information:
Higher Education *
5160 NW 156th St
Miami Gardens, FL 33014

Manufacturing Facility:
Arvida Labs LLC
1291 NW 65th Pl
Unit B
Fort Lauderdale, FL 33309

Order Details:
Order # MEL260812-100001
Order Date: 2026-08-12
Sample # AAHX993
Orig. Completion Date: 2026-08-20

Batch Data:
Lot Id: LOTHC-1GR-001-26
Batch # LOTHC-1GR-001-26
Batch Date: 2026-01-08
Receipt Date: 2026-08-14
Lab Batch Date: 2026-08-14

Food Permits:
State: FL - #406287

Initial Gross Weight: 64.900 g
Net Weight per Package: 70000.000 mg
Net Weight per Serving: 7000 mg
Servings Per Package: 10

Heavy Metals Multi State - Ingestion

Passed

Sample Weight: 259.700 mg
SOP13.048 (ICP-MS)

Dilution Factor: 192.530

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Arsenic (As)	0.013	100	500	<LOQ	Lead (Pb)	0.007	100	500	311.00000000000000
Cadmium (Cd)	0.003	100	500	<LOQ	Mercury (Hg)	0.016	100	500	<LOQ

Mycotoxins Multi State

Passed

Sample Weight: 613.000 mg
SOP13.007 (LCMS/GCMS)

Dilution Factor: 2.450

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Aflatoxin B1	0.304	1.9	20	<LOQ	Aflatoxin G2	0.271	1.9	20	<LOQ
Aflatoxin B2	0.077	1.9	20	<LOQ	Ochratoxin A	0.754	3.8	20	<LOQ
Aflatoxin G1	0.304	1.9	20	<LOQ					

HHCP - Multi State

Tested

Sample Weight: 1515.000 mg
SOP13.050,SOP13.001 (LCMS,LCUV)

Dilution Factor: 10000.000

Analyte	LOD (%)	LOQ (%)	Result (mg/g)	(%)	Analyte	LOD (%)	LOQ (%)	Result (mg/g)	(%)
(9R)-HHC	0.000	0.1	<LOQ	<LOQ	CBC	0.000	0.075	<LOQ	<LOQ
(9S)-HHC	0.000	0.1	<LOQ	<LOQ	Delta-8 THC methyl ether	0.000	0.075	<LOQ	<LOQ
1(R)-H4-CBD	0.000	0.15	<LOQ	<LOQ	Delta-9 THC methyl ether	0.000	0.075	<LOQ	<LOQ
1(S)-H4-CBD	0.000	0.15	<LOQ	<LOQ	H2-CBD	0.000	0.075	<LOQ	<LOQ
9(R)-HHCP	0.000	0.075	<LOQ	<LOQ	Total HHC		0.075	<LOQ	<LOQ
9(S)-HHCP	0.000	0.075	<LOQ	<LOQ					

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Certificate of Analysis

Compliance Test

Georgia

Higher Education - Lights Out - Deep Sleep Grape
Sample Matrix: HEMP
Extract
Ingestion

Client Information:
Higher Education *
5160 NW 156th St
Miami Gardens, FL 33014

Manufacturing Facility:
Arvida Labs LLC
1291 NW 65th Pl
Unit B
Fort Lauderdale, FL 33309

Order Details:
Order # MEL260812-100001
Order Date: 2026-08-12
Sample # AAHX993
Orig. Completion Date: 2026-08-20

Batch Data:
Lot Id: LOTHC-1GR-001-26
Batch # LOTHC-1GR-001-26
Batch Date: 2026-01-08
Receipt Date: 2026-08-14
Lab Batch Date: 2026-08-14

Food Permits:
State: FL - #406287

Initial Gross Weight: 64.900 g
Net Weight per Package: 70000.000 mg
Net Weight per Serving: 7000 mg
Servings Per Package: 10

Residual Solvents- FL+GA

Passed

Sample Weight: 15.100 mg
SOP13.039 (GCMS-HS)
Dilution Factor: 1.000

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Butane	416.700	25000	800000	<LOQ	Heptane	1.300	13900	500000	<LOQ
Ethanol	2.100	27800	5000000	<LOQ	Hexane	67.800	11700	100000	<LOQ

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Compliance Test

Georgia

Higher Education - Lights Out - Deep Sleep Grape
Sample Matrix: HEMP Extract Ingestion

Client Information:
Higher Education *
5160 NW 156th St
Miami Gardens, FL 33014

Manufacturing Facility:
Arvida Labs LLC
1291 NW 65th Pl
Unit B
Fort Lauderdale, FL 33309

Order Details:
Order # MEL260812-100001
Order Date: 2026-08-12
Sample # AAHX993
Orig. Completion Date: 2026-08-20

Batch Data:
Lot Id: LOTHC-1GR-001-26
Batch # LOTHC-1GR-001-26
Batch Date: 2026-01-08
Receipt Date: 2026-08-14
Lab Batch Date: 2026-08-14

Food Permits:
State: FL - #406287

Initial Gross Weight: 64.900 g
Net Weight per Package: 70000.000 mg
Net Weight per Serving: 7000 mg
Servings Per Package: 10

Pesticides Multi State - Ingestion

Sample Weight: 613.000 mg

Passed
SOP13.007 (LCMS/GCMS)

Dilution Factor: 2.450

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Abamectin	0.399	100	100	<LOQ	Fludioxonil	0.360	100	100	<LOQ
Acephate	0.141	100	100	<LOQ	Hexythiazox	0.113	100	100	<LOQ
Acequinocyl	2.178	100	100	<LOQ	Imazalil	0.258	100	100	<LOQ
Acetamiprid	0.140	100	100	<LOQ	Imidacloprid	0.402	100	100	<LOQ
Aldicarb	0.203	100	100	<LOQ	Kresoxim Methyl	0.182	100	100	<LOQ
Azoxystrobin	0.188	100	100	<LOQ	Malathion	0.223	100	100	<LOQ
Bifenazate	0.086	100	100	<LOQ	Metalaxyl	0.270	100	100	<LOQ
Bifenthrin	0.100	100	100	<LOQ	Methiocarb	0.118	100	100	<LOQ
Boscalid	0.595	100	100	<LOQ	Methomyl	0.064	100	100	<LOQ
Carbaryl	0.122	100	100	<LOQ	Mevinphos	0.093	100	100	<LOQ
Carbofuran	0.086	100	100	<LOQ	Myclobutanil	0.573	100	100	<LOQ
Chlorantraniliprole	0.084	100	100	<LOQ	Oxamyl	0.041	100	100	<LOQ
Chlordane	1.410	100	100	<LOQ	Paclobutrazol	0.186	100	100	<LOQ
Chlorpyrifos	0.109	100	100	<LOQ	Permethrins	0.624	100	100	<LOQ
Coumaphos	0.206	100	100	<LOQ	Phosmet	0.127	100	100	<LOQ
Cyfluthrin	0.980	100	100	<LOQ	Piperonylbutoxide	0.149	100	100	<LOQ
Cypermethrin	0.985	100	100	<LOQ	Prallethrin	1.476	100	100	<LOQ
Daminozide	1.655	100	100	<LOQ	Propiconazole	0.294	100	100	<LOQ
Diazinon	0.212	100	100	<LOQ	Propoxur	0.100	100	100	<LOQ
Dichlorvos	1.130	100	100	<LOQ	Pyridaben	0.140	100	100	<LOQ
Dimethoate	0.063	100	100	<LOQ	Spinetoram	0.424	100	100	<LOQ
Dimethomorph	2.581	100	100	<LOQ	Spinosad	0.028	100	100	<LOQ
Ethoprophos	0.151	100	100	<LOQ	Spiromesifen	0.120	100	100	<LOQ
Etofenprox	0.172	100	100	<LOQ	Spirotetramat	0.211	100	100	<LOQ
Etoxazole	0.866	100	100	<LOQ	Spiroxamine	0.533	100	100	<LOQ
Fenhexamid	0.588	100	100	<LOQ	Tebuconazole	0.230	100	100	<LOQ
Fenoxycarb	0.274	100	100	<LOQ	Thiacloprid	0.170	100	100	<LOQ
Fipronil	0.317	100	100	<LOQ	Thiamethoxam	0.179	100	100	<LOQ
Flonicamid	0.466	100	100	<LOQ	Trifloxystrobin	0.134	100	100	<LOQ

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