



**Certificate of Analysis**  
Compliance Test

Client Information:

**Jag Alliance, LLC**  
83 Knight Boxx Rd.  
Orange Park, Florida 32065

Batch # E02020  
Batch Date: 2024-04-02  
Extracted From: Hemp

Test Reg State: Florida

Production Facility: JAG Alliance  
Production Date: 2024-04-02

Order # JAG240403-02001  
Order Date: 2024-04-03  
Sample # AAFL486

Sampling Date: 2024-04-05  
Lab Batch Date: 2024-04-05  
Completion Date: 2024-04-09

Initial Gross Weight: 75.849 g

Number of Units: 1  
Net Weight per Unit: 29574.000 mg



Product Image

**Potency  
Tested**

**Potency 10**

Specimen Weight: 107.530 mg

**Tested**

SOP13.001 (LCUV)

Analyte	Dilution (1:n)	LOD (%)	LOQ (%)	Result (mg/g)	Result (%)
CBD	10.000	5.40E-5	0.015	218.930	21.893
CBDV	10.000	6.50E-5	0.015	0.880	0.088
CBC	10.000	1.80E-5	0.015	<LOQ	<LOQ
CBDA	10.000	1.00E-5	0.015	<LOQ	<LOQ
CBG	10.000	2.48E-4	0.015	<LOQ	<LOQ
CBGA	10.000	8.00E-5	0.015	<LOQ	<LOQ
CBN	10.000	1.40E-5	0.015	<LOQ	<LOQ
Delta-9 THC	10.000	1.30E-5	0.015	<LOQ	<LOQ
THCA-A	10.000	3.20E-5	0.015	<LOQ	<LOQ
THCV	10.000	7.00E-6	0.015	<LOQ	<LOQ
Total Active CBD	10.000			218.930	21.893
Total Active THC	10.000			<LOQ	<LOQ

**Potency Summary**

Total Active THC None Detected	Total Active CBD 21.893%	6,474.636 mg
Total CBG None Detected	Total CBN None Detected	
Other Cannabinoids 0.088%	26.025 mg	Total Cannabinoids 21.981% 6,500.661 mg

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



Definitions and Abbreviations used in this report: Total Active CBD = CBD + (CBD-A \* 0.877), \*Total CBDV = CBDV + (CBDVA \* 0.87), Total Active THC = THCA-A \* 0.877 + Delta 9 THC, Total THC = THC + (THCVA \* 0.87), CBG Total = (CBGA \* 0.877) + CBG, CBN Total = (CBNA \* 0.877) + 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, Other Cannabinoids Total = Total Cannabinoids - All the listed cannabinoids on the summary section, Total Detected Cannabinoids = Delta8-THC + Delta9-THC + Total CBN + CBT + CBE + Delta8-THCV + Total CBG + Total CBD + Total THC + CBL + Total CBC + Total CBDV + Delta10-THC + Total THC-O-Acetate + Total THCP. (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 FL rule 64ER20-39, 5K-4.036, 5K-4.034. Failed - Analyte/microbe is at the level that equal or above the action limit per FL rule 64ER20-39, 5K-4.036, 5K-4.034 Sample not received via laboratory sampling.

This report shall not be reproduced, without written approval, from ACS Laboratory. The results of this report relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. ACS Laboratory is accredited to the ISO/IEC 17025:2017 Standard.

## COMPLIANCE FOR RETAIL

**Sample Name: CBD Isolate 6000 E02020**

Lab Sample ID: F208160-01  
Retail Batch Total Wt/Vol: N/A  
Retail Batch Date: N/A

Matrix: Isolate  
Retail Batch Total Units: N/A  
Total Wt, Vol or Unit Sampled: 1

Date Sampled: 04/03/2024  
Date Received: 04/03/2024  
Date Reported: 04/05/2024



**Terpenes**  
Not Tested



**Heavy Metals**  
Pass



**Foreign Materials**  
Pass



**Microbiology**  
Pass



**Mycotoxins**  
Pass



**Residual Solvents**  
Pass



**Pesticides**  
Pass



**Moisture Content**  
Not Tested



**Water Activity**  
Not Tested

### Pesticides

Date Prepared: 04/03/24 11:00  
Date Analyzed: 04/03/24 18:06  
Prep ID: KC  
Analyst ID: AJ

Specimen Prep: 1.06 g / 10 mL  
Instrument: LC/MS/MS

Prep Method: LAB SOP 8 Analysis Method: ACCU LAB SOP18

Pass

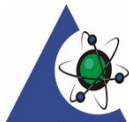
Analyte	DIL	Action Limit	LOQ	Results	Status	Analyte	DIL	Action Limit	LOQ	Results	Status
		ppb	ppb	ppb				ppb	ppb	ppb	
Abamectin	10	300	4.7	ND	Pass	Imazalil	10	100	4.7	ND	Pass
Acephate	10	3000	4.7	ND	Pass	Imidacloprid	10	3000	4.7	ND	Pass
Acequinocyl	10	2000	4.7	ND	Pass	Kresoxim methyl	10	1000	4.7	ND	Pass
Acetamiprid	10	3000	4.7	ND	Pass	Malathion	10	2000	4.7	ND	Pass
Aldicarb	10	100	4.7	ND	Pass	Metaxyl	10	3000	4.7	ND	Pass
Azoxystrobin	10	3000	4.7	ND	Pass	Methiocarb	10	100	4.7	ND	Pass
Bifenazate	10	3000	4.7	ND	Pass	Methomyl	10	100	4.7	ND	Pass
Bifenthrin	10	500	4.7	ND	Pass	Mevinphos	10	100	4.7	ND	Pass
Boscalid	10	3000	4.7	ND	Pass	Myclobutanil	10	3000	4.7	ND	Pass
Carbaryl	10	500	4.7	ND	Pass	Oxamyl	10	500	4.7	ND	Pass
Carbofuran	10	100	4.7	ND	Pass	Pacllobutrazol	10	100	4.7	ND	Pass
Chlorantraniliprole	10	3000	4.7	ND	Pass	Permethrins	10	1000	4.7	ND	Pass
Chlorfenapyr	10	100	4.7	ND	Pass	Phosmet	10	200	4.7	ND	Pass
Chloromequat	10	3000	4.7	ND	Pass	Piperonyl butoxide	10	3000	4.7	ND	Pass
Chlorpyrifos	10	100	4.7	ND	Pass	Prallethrin	10	400	4.7	ND	Pass
Clofentezine	10	500	4.7	ND	Pass	Propiconazole	10	1000	4.7	ND	Pass
Coumaphos	10	100	4.7	ND	Pass	Propoxur	10	100	4.7	ND	Pass
Cyfluthrin	10	1000	4.7	ND	Pass	Pyrethrins	10	1000	4.7	ND	Pass
Cypermethrin	10	1000	4.7	ND	Pass	Pyridaben	10	3000	4.7	ND	Pass
Daminozide	10	100	4.7	ND	Pass	Spinetoram J	10	3000	4.7	ND	Pass
Diazinon	10	200	4.7	ND	Pass	Spinetoram L	10	3000	4.7	ND	Pass
Dibrom Naled	10	500	4.7	ND	Pass	Spinosyn A	10	3000	4.7	ND	Pass
Dichlorvos	10	100	4.7	ND	Pass	Spinosyn D	10	3000	4.7	ND	Pass
Dimetamorph I	10	3000	4.7	ND	Pass	Spiromesifen	10	3000	4.7	ND	Pass
Dimethoate	10	100	4.7	ND	Pass	Spirotetramat	10	3000	4.7	ND	Pass
Ethoprophos	10	100	4.7	ND	Pass	Spiroxamine	10	100	4.7	ND	Pass
Etofenprox	10	100	4.7	ND	Pass	Tebuconazole	10	1000	4.7	ND	Pass
Etoxazole	10	1500	4.7	ND	Pass	Thiacloprid	10	100	4.7	ND	Pass
Fenhexamid	10	3000	4.7	ND	Pass	Thiamethoxam	10	1000	4.7	ND	Pass
Fenoxycarb	10	100	4.7	ND	Pass	Trifloxystrobin	10	3000	4.7	ND	Pass
Fenpyroximate	10	2000	4.7	ND	Pass						
Fipronil	10	100	4.7	ND	Pass						
Flonicamid	10	2000	4.7	ND	Pass						
Fludioxonil	10	3000	4.7	ND	Pass						
Hexythiazox	10	2000	4.7	ND	Pass						

Definitions and Abbreviations used in this report:

Total CBD = CBD + (CBD-A \* 0.877), Total THC = THC-A \* 0.877 + Delta 9 THC

LOQ = Limit of Quantitation, LOD = Limit of Detection, DIL = Dilution Factor, (ppb) = Parts per Billion, (%) = Percent, (cfu/g) = Colony Forming Unit per Gram, (µg/g) = Microgram per Gram, (ppm) = Parts per Million, (N/A) Not Analyzed, (ND) Non-Detect. Total Contaminant Load (TCL) - The sum of all Heavy Metals and Agricultural Agents presents above the LOQ, but below the Acceptable Limit.

This report shall not be reproduced except in its entirety without the written approval of AccuScience Laboratories. The results of this report relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. This laboratory is accredited in accordance with International Standard ISO/IEC 17025.



**PJLA**  
Testing  
Accreditation#: 109150

Dr. Harry Bezhadi, PhD.  
President, CEO



## COMPLIANCE FOR RETAIL

### Sample Name: CBD Isolate 6000 E02020

Lab Sample ID: F208160-01  
Retail Batch Total Wt/Vol: N/A  
Retail Batch Date: N/A

Matrix: Isolate  
Retail Batch Total Units: N/A  
Total Wt, Vol or Unit Sampled: 1

Date Sampled: 04/03/2024  
Date Received: 04/03/2024  
Date Reported: 04/05/2024

### Microbials

Pass

Date Prepared: 04/03/24 11:00    Prep ID: KC  
Date Analyzed: 04/03/24 18:06    Analyst ID: AJ

Specimen Prep: 1 g / 1 g  
Instrument: PCR  
Analysis Method: ACCU LAB SOP14

Analyte	Action Limit		Results	Status
	cfu/g	LOQ		
Aspergillus Flavus	1	1.00	<1.00	Pass
Listeria	1	1.00	<1.00	Pass
Aspergillus Fumigatus	1	1.00	<1.00	Pass
Aspergillus Niger	1	1.00	<1.00	Pass
Aspergillus Terreus	1	1.00	<1.00	Pass
E. coli specific gene	1	1.00	<1.00	Pass
E. coli/shigella spp.	1	1.00	<1.00	Pass
Salmonella specific gene	1	1.00	<1.00	Pass
Stx1 gene	1	1.00	<1.00	Pass
Stx2 gene	1	1.00	<1.00	Pass

### Mycotoxins

Pass

Date Prepared: 04/03/24 11:00    Extracted By: KC    Specimen Prep: 1.06 g / 10 mL  
Date Analyzed: 04/03/24 18:02    Analyzed By: AJ    Instrument: LCMSMS

Analysis Method: ACCU LAB SOP18

Analyte	DIL	Action Limit		Results	Status
		ppb	LOQ		
aflatoxin B1	10	20	0.94	ND	Pass
aflatoxin B2	10	20	0.94	ND	Pass
aflatoxin G1	10	20	0.94	ND	Pass
aflatoxin G2	10	20	0.94	ND	Pass
ochratoxin A	10	20	0.94	ND	Pass

### Heavy Metals

Pass

Date Prepared: 04/03/24 11:11    Extracted By: KC    Specimen Prep: 0.75 g / 50 mL  
Date Analyzed: 04/04/24 12:43    Analyzed By: JG    Instrument: ICPMS

Analysis Method: ACCU LAB SOP19

Analyte	DIL	Action Limit		Results	Status
		ppb	LOQ		
Arsenic	1	1500	130	ND	Pass
Cadmium	1	500	130	ND	Pass
Lead	1	500	130	ND	Pass
Mercury	1	3000	130	ND	Pass

### Foreign Materials

Pass

Date Prepared: 04/03/24 10:54    Prep ID: WM Date  
Analyzed: 04/03/24 14:51    Analyst ID: WM

Specimen Prep: 1 g / 1 g  
Instrument: Visual Inspection  
Analysis Method: ACCU LAB SOP04

Analyte	Action Limit (% by wt)	Results	Status
Foreign Material	Pass	Pass	Pass

### Total Contaminant Load

	Action Limit ppb	Results	Status
Total Contaminant Load	5,000.00	ND	Pass
Heavy Metals & Pesticides			

#### Definitions and Abbreviations used in this report:

Total CBD = CBD + (CBD-A \* 0.877), Total THC = THCA-A \* 0.877 + Delta 9 THC  
LOQ = Limit of Quantitation, LOD = Limit of Detection, DIL = Dilution Factor, (ppb) = Parts per Billion, (%) = Percent, (cfu/g) = Colony Forming Unit per Gram, (µg/g) = Microgram per Gram, (ppm) = Parts per Million, (N/A) Not Analyzed, (ND) Non-Detect. Total Contaminant Load (TCL) - The sum of all Heavy Metals and Agricultural Agents presents above the LOQ, but below the Acceptable Limit.

This report shall not be reproduced except in its entirety without the written approval of AccuScience Laboratories. The results of this report relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. This laboratory is accredited in accordance with International Standard ISO/IEC 17025.





**COMPLIANCE FOR RETAIL**

**Sample Name: CBD Isolate 6000 E02020**

Lab Sample ID: F208160-01      Matrix: Isolate  
 Retail Batch Total Wt/Vol: N/A      Retail Batch Total Units: N/A  
 Retail Batch Date: N/A      Total Wt, Vol or Unit Sampled: 1

Date Sampled: 04/03/2024  
 Date Received: 04/03/2024  
 Date Reported: 04/05/2024

**Residual Solvents**

**Pass**

Date Prepared: 04/03/24 13:45      Prep ID: SP      Specimen Prep: 0.1033 g / 1 mL  
 Date Analyzed: 04/04/24 13:53      Analyst ID: SP      Instrument: Headspace GC-FID  
 Analysis Method: ACCU LAB SOP16

Analyte	DIL	Action Limit	LOQ		Results	Status
			ppm	ppm		
Acetone	1	750	39	ppm	ND	Pass
Benzene	1	1	0.97	ppm	ND	Pass
Butane	1	5000	39	ppm	ND	Pass
Methylene chloride	1	125	39	ppm	ND	Pass
Ethanol	1	5000	39	ppm	ND	Pass
Ethyl acetate	1	400	39	ppm	ND	Pass
Ethyl ether	1	500	39	ppm	ND	Pass
Acetonitrile	1	60	39	ppm	ND	Pass
Ethylene oxide	1	5	3.9	ppm	ND	Pass
Total xylenes	1	150	39	ppm	ND	Pass
Toluene 1,1-	1	150	39	ppm	ND	Pass
Dichloroethene	1	8	1.9	ppm	ND	Pass
Trichloroethene	1	25	1.9	ppm	ND	Pass
Methanol	1	250	39	ppm	ND	Pass
Pentane	1	750	39	ppm	240	Pass
Propane	1	5000	39	ppm	ND	Pass
2-Propanol (IPA)	1	500	39	ppm	ND	Pass
1,2-	1	2	1.9	ppm	ND	Pass
Dichloroethane	1	2	1.9	ppm	ND	Pass
Chloroform n-	1	5000	39	ppm	ND	Pass
Heptane	1	250	39	ppm	ND	Pass
n-Hexane	1					

Definitions and Abbreviations used in this report:

Total CBD = CBD + (CBD-A \* 0.877), Total THC = THCA-A \* 0.877 + Delta 9 THC  
 LOQ = Limit of Quantitation, LOD = Limit of Detection, DIL = Dilution Factor, (ppb) = Parts per Billion, (%) = Percent, (cfu/g) = Colony Forming Unit per Gram, (µg/g) = Microgram per Gram, (ppm) = Parts per Million, (N/A) Not Analyzed, (ND) Non-Detect. Total Contaminant Load (TCL) - The sum of all Heavy Metals and Agricultural Agents presents above the LOQ, but below the Acceptable Limit.

This report shall not be reproduced except in its entirety without the written approval of Accuscience Laboratories. The results of this report relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. This laboratory is accredited in accordance with International Standard ISO/IEC 17025.



**PJLA**  
 Testing  
 Accreditation#: 109150



Dr. Harry Bezhadi, PhD.  
 President, CEO

