



Certificate of Analysis

Compliance Test

Client Information:

KMS Ag Consulting
34004 Texas St
Albany, Oregon 97321

Batch # THCP 60/10
Batch Date: 2025-06-30
Extracted From: CBD

Test Reg State: Florida

Order # TKO250630-020001
Order Date: 2025-06-30
Sample # AAGW311

Sampling Date: 2025-07-02
Lab Batch Date: 2025-07-02
Completion Date: 2025-07-08

Initial Gross Weight: 18.900 g



Product Image



Potency
Tested



Heavy Metals
Passed



2,3-Butanedione
Passed



Mycotoxins
Passed



Pesticides
Passed



Residual Solvents
Passed



Water Activity
Tested



Pathogenic
Passed



Microbiology (qPCR)
Passed



Vitamin E
Passed



Potency 25 (LCUV)
Specimen Weight: 204.130 mg

Tested

SOP13.001 (LCUV)

Analyte	Dilution (1:n)	LOD (mg/g)	LOQ (%)	Result (mg/g)	(%)
Delta-8 THC	15.000	2.60E-5	0.0125	199.8100	19.9810
CBGA	15.000	8.00E-5	0.0125	77.9500	7.7950
Delta9-THCP	15.000	1.17E-5	0.01	37.0500	3.7050
CBD	15.000	5.40E-5	0.0125	21.1900	2.1190
CBG	15.000	2.48E-4	0.0125	2.8000	0.2800
Delta-8 THCV	15.000	4.00E-5	0.0125	2.0200	0.2020
CBN	15.000	1.40E-5	0.0125	1.9000	0.1900
CBNA	15.000	9.50E-5	0.0125	1.6300	0.1630
Delta8-THCP	15.000	3.75E-4	0.0125	1.1300	0.1130
CBC	15.000	1.80E-5	0.0125	1.0800	0.1080
THCA-A	15.000	3.20E-5	0.0125	1.0300	0.1030
CBT	15.000	2.00E-4	0.0125	0.8400	0.0840
THCH	15.000	3.50E-4	0.0163	0.4200	0.0420
CBL	15.000	3.50E-5	0.0125	0.2500	0.0250
CBCA	15.000	1.07E-4	0.0125	<LOQ	<LOQ
CBDA	15.000	1.00E-5	0.0125	<LOQ	<LOQ
CBDV	15.000	6.50E-5	0.0125	<LOQ	<LOQ
CBDVA	15.000	1.40E-5	0.0125	<LOQ	<LOQ
Delta-8 THC-O Acetate	15.000	2.70E-5	0.025	<LOQ	<LOQ
Delta-9 THC	15.000	1.30E-5	0.0125	<LOQ	<LOQ
Delta-9 THC-O Acetate	15.000	7.70E-5	0.025	<LOQ	<LOQ
Exo-THC	15.000	2.30E-4	0.0125	<LOQ	<LOQ
THCB	15.000	1.80E-4	0.0163	<LOQ	<LOQ
THCV	15.000	7.00E-6	0.0125	<LOQ	<LOQ
THCVA	15.000	4.70E-5	0.0125	<LOQ	<LOQ
Total Active CBD	15.000			21.190	2.119
Total Active THC	15.000			0.903	0.090



Potency Summary

Total Active THC
0.090%

Total Active CBD
2.119%

Total CBG
7.124%

Total CBN
0.333%

Total Cannabinoids
34.868%

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 * 0.867), 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 FL rule 64ER20-39, 5K-4.036, 5K-4.034. Client supplied the net weight of mg. The results apply to the sample as received. 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.



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Order Date: 2025-06-30
Sample # AAGW311

Sampling Date: 2025-07-02
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Completion Date: 2025-07-08

Initial Gross Weight: 18.900 g

2,3-butanedione(Diacetyl)
Specimen Weight: 15.300 mg

Dilution Factor: 1.000

Analyte	LOD (ppm)	LOQ (ppm)	Result (ppm)
2,3-Butanedione	.024	0.024	<LOQ

SOP13.039 (GCMS-MS)

Water Activity

Specimen Weight: 0.500 g

Dilution Factor: 1.000

Analyte	Action Level (aw)	Result (aw)
Water Activity	0.85	0.516

Tested
SOP13.016
(Water Activity Analyzer)

Total Yeast and Mold
Specimen Weight: 990.400 mg

Dilution Factor: 20.000

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

Passed
SOP13.017 (qPCR)

Prep. By: 1161 Date: 2025-07-03 10:42:03 Analyzed By: 1161 Date: 2025-07-03 10:42:03
Reviewed By: 1179 Date: 2025-07-03 20:46:14 Lab Batch #: AAGW311-435 Date: 2025-07-03 20:46:14

Pathogenic SAE (qPCR)
Specimen Weight: 1037.800 mg

Dilution Factor: 1.000

Analyte	Action Level (cfu/g)	Result (cfu/g)	Analyte	Action Level (cfu/g)	Result (cfu/g)
Aspergillus (Flavus, Fumigatus, Niger, Terreus)	1	Absence in 1g	Salmonella	1	Absence in 1g
E.Coli	1	Absence in 1g			

Passed
SOP13.029 (qPCR)

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E Vitamin E (Tocopheryl Acetate)
Specimen Weight: 605.800 mg

Dilution Factor: 2.480

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Tocopheryl Acetate (Vitamin E Acetate)	.705	500	500	<LOQ

Passed

SOP13.007 (LCMS)

H Heavy Metals
Specimen Weight: 246.900 mg

Dilution Factor: 202

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Arsenic (As)	4.83	100	200	<LOQ	Lead (Pb)	11.76	100	500	258.925
Cadmium (Cd)	.64	100	200	<LOQ	Mercury (Hg)	.58	100	200	<LOQ

Passed

SOP13.048 (ICP-MS)

Mycotoxins
Specimen Weight: 605.800 mg

Dilution Factor: 2.480

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Aflatoxin B1	3.0400E-1	6	20	<LOQ	Aflatoxin G2	2.7100E-1	6	20	<LOQ
Aflatoxin B2	7.7000E-2	6	20	<LOQ	Ochratoxin A	7.5400E-1	3.8	20	<LOQ
Aflatoxin G1	3.0400E-1	6	20	<LOQ					

Passed

SOP13.007 (LCMS)

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Residual Solvents - FL (CBD)
Specimen Weight: 15.300 mg

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	0.0094	0.16	8	<LOQ	Heptane	0.0013	1.39	5000	20.824
1,2-Dichloroethane	0.0003	0.04	2	<LOQ	Hexane	0.068	1.17	290	<LOQ
Acetone	0.015	2.08	5000	<LOQ	Isopropyl alcohol	0.0048	1.39	500	66.933
Acetonitrile	0.06	1.17	410	<LOQ	Methanol	0.0005	0.69	3000	8.087
Benzene	0.0002	0.02	2	<LOQ	Methylene chloride	0.0029	2.43	600	<LOQ
Butanes	0.4167	2.5	2000	<LOQ	Pentane	0.037	2.08	5000	<LOQ
Chloroform	0.0001	0.04	60	<LOQ	Propane	0.031	5.83	2100	<LOQ
Ethanol	0.0021	2.78	5000	<LOQ	Toluene	0.0009	2.92	890	<LOQ
Ethyl Acetate	0.0012	1.11	5000	<LOQ	Total Xylenes	0.0001	2.92	2170	<LOQ
Ethyl Ether	0.0049	1.39	5000	<LOQ	Trichloroethylene	0.0014	0.49	80	<LOQ
Ethylene Oxide	0.0038	0.1	5	<LOQ					

Passed

SOP13.039 (GCMS-HS)

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Extracted From: CBD

Test Reg State: Florida

Order # TK0250630-020001
Order Date: 2025-06-30
Sample # AAGW311

Sampling Date: 2025-07-02
Lab Batch Date: 2025-07-02
Completion Date: 2025-07-08

Initial Gross Weight: 18.900 g

Pesticides

Specimen Weight: N/A Dilution Factor: 2.480

Passed

Specimen Weight: N/A Dilution Factor: 2.480					SOP13.007 (LCMS)				
Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Abamectin	2.8800E-1	28.23	100	<LOQ	Fludioxonil	1.7400E+0	48	100	<LOQ
Acephate	2.3000E-2	30	100	<LOQ	Hexythiazox	4.9000E-2	30	100	<LOQ
Acequinocyl	9.5640E+0	48	100	<LOQ	Imazalil	2.4800E-1	30	100	<LOQ
Acetamiprid	5.2000E-2	30	100	<LOQ	Imidacloprid	9.4000E-2	30	400	<LOQ
Aldicarb	2.6000E-2	30	100	<LOQ	Kresoxim Methyl	4.2000E-2	30	100	<LOQ
Azoxystrobin	8.1000E-2	10	100	<LOQ	Malathion	8.2000E-2	30	200	<LOQ
Bifenazate	1.4150E+0	30	100	<LOQ	Metaxalyl	8.1000E-2	10	100	<LOQ
Bifenthrin	4.3000E-2	30	200	<LOQ	Methiocarb	3.2000E-2	30	100	<LOQ
Boscalid	5.5000E-2	10	100	<LOQ	Methomyl	2.2000E-2	30	100	<LOQ
Captan	6.1200E+0	30	700	<LOQ	methyl-Parathion	1.7100E+0	10	100	<LOQ
Carbaryl	2.2000E-2	10	500	<LOQ	Mevinphos	2.1500E+0	10	100	<LOQ
Carbofuran	3.4000E-2	10	100	<LOQ	MGK-264	5.8500E-1	10	100	<LOQ
Chlorantraniliprole	3.3000E-2	10	1000	<LOQ	Myclobutanil	1.0290E+0	30	100	<LOQ
Chlordane	1.0000E+1	10	100	<LOQ	Naled	9.5000E-2	30	250	<LOQ
Chlorfenapyr	3.4000E-2	30	100	<LOQ	Oxamyl	2.5000E-2	30	500	<LOQ
Chlormequat Chloride	1.0800E-1	10	1000	<LOQ	Paclobutrazol	6.5000E-2	30	100	<LOQ
Chlorpyrifos	3.5000E-2	30	100	<LOQ	Pentachloronitrobenzene	1.3200E+0	10	150	<LOQ
Clofentezine	1.1900E-1	30	200	<LOQ	Permethrin	3.4300E-1	30	100	<LOQ
Coumaphos	3.7700E+0	48	100	<LOQ	Phosmet	8.2000E-2	30	100	<LOQ
Cyfluthrin	3.1100E+0	30	500	<LOQ	Piperonylbutoxide	2.9000E-2	30	3000	<LOQ
Cypermethrin	1.4490E+0	30	500	<LOQ	Prallethrin	7.9800E-1	30	100	<LOQ
Daminozide	8.8500E-1	30	100	<LOQ	Propiconazole	7.0000E-2	30	100	<LOQ
Diazinon	4.4000E-2	30	100	<LOQ	Propoxur	4.6000E-2	30	100	<LOQ
Dichlorvos	2.1820E+0	30	100	<LOQ	Pyrethrins	2.3593E+1	30	500	<LOQ
Dimethoate	2.1000E-2	30	100	<LOQ	Pyridaben	3.2000E-2	30	200	<LOQ
Dimethomorph	5.8300E+0	48	200	<LOQ	Spinetoram	8.0000E-2	10	200	<LOQ
Ethoprophos	3.6000E-1	30	100	<LOQ	Spinosad	8.8000E-2	30	100	<LOQ
Etofenprox	1.1600E-1	30	100	<LOQ	Spiromesifen	2.6100E-1	30	100	<LOQ
Etoxazole	9.5000E-2	30	100	<LOQ	Spirotetramat	8.9000E-2	30	100	<LOQ
Fenhexamid	5.1000E-1	10	100	<LOQ	Spiroxamine	1.3100E-1	30	100	<LOQ
Fenoxycarb	1.0700E-1	30	100	<LOQ	Tebuconazole	6.7000E-2	30	100	<LOQ
Fenpyroximate	1.3800E-1	30	100	<LOQ	Thiacloprid	6.4000E-2	30	100	<LOQ
Fipronil	1.0700E-1	30	100	<LOQ	Thiamethoxam	5.0000E-2	30	500	<LOQ
Fonicamid	5.1700E-1	30	100	<LOQ	Trifloxystrobin	3.7000E-2	30	100	<LOQ

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