



Certificate of Analysis

Compliance Test

Client Information:

UTCC
7880 S. 1300 W.
West Jordan, UT 84088

Batch # 032423
Batch Date: 2023-03-24
Extracted From: Hemp

Test Reg State: Utah

Order # UTC230502-020001
Order Date: 2023-05-02
Sample # AAEK427

Sampling Date: 2023-05-08
Lab Batch Date: 2023-05-08
Completion Date: 2023-05-15

Initial Gross Weight: 133.861 g
Net Weight: 106.937 g

Number of Units: 1
Net Weight per Unit: 5628.263 mg
Sampling Method: MSP 7.3.1



Product Image



**Potency
Tested**



**Terpenes
Tested**



**Heavy Metals
Passed**



**Mycotoxins
Passed**



**Pesticides
Passed**



**Residual Solvents
Passed**



**Pathogenic Microbiology
Passed**



**Listeria Monocytogenes
Passed**

Delta 8/Delta 10 Potency 13 - (LCUV)

Specimen Weight: 1520.100 mg

Tested SOP13.052 (LCUV)

Pieces For Panel: 19

Analyte	LOD (%)	LOQ (%)	Result (mg/g)	(%)
CBD	5.40E-5	0.0015	10.020	1.002
CBDV	6.50E-5	0.0015	0.030	0.003
CBC	1.80E-5	0.0015	<LOQ	<LOQ
CBDA	1.00E-5	0.0015	<LOQ	<LOQ
CBG	2.48E-4	0.0015	<LOQ	<LOQ
CBGA	8.00E-5	0.0015	<LOQ	<LOQ
CBN	1.40E-5	0.0015	<LOQ	<LOQ
Delta-10 THC	3.00E-6	0.0015	<LOQ	<LOQ
Delta-8 THC	2.60E-5	0.0015	<LOQ	<LOQ
Delta-9 THC	1.30E-5	0.1	<LOQ	<LOQ
Delta6a10a-THC	8.47E-5	0.0015	<LOQ	<LOQ
THCA-A	3.20E-5	0.0015	<LOQ	<LOQ
THCV	7.00E-6	0.0015	<LOQ	<LOQ
Total Active CBD			10.020	1.002
Total Active THC			<LOQ	<LOQ



Potency Summary

Total Delta 8 None Detected	Total Delta 10 None Detected
Total Active THC None Detected	Total Active CBD 1.002% 56.400mg
Total CBG None Detected	Total CBN None Detected
Other Cannabinoids 0.003% 0.170mg	Total Cannabinoids 1.005% 56.560mg



Terpenes Summary

Analyte	Result (mg/g)	(%)
alpha-Bisabolol	0.16	0.016%

Total Terpenes: 0.016%

Detailed Terpenes Analysis is on the following page

Aixia Sun

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 = THCV + (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 = Delta6a10a-THC + Delta8-THC + Total CBN + CBT + CBE + Delta8-THCV + Total CBG + Total CBD + Total THCV + CBL + Total THC + 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 (cfu/g) = Colony Forming Unit per Gram, , LOD = Limit of Detection, (µg/g) = Microgram per Gram (ppm) = Parts per Million, (ppm) = (µg/g), (aw) = Water Activity, (mg/Kg) = Milligram per Kilogram, Passed - Analyte/microbe is non-detected or at the level below the action limit, Failed - Analyte/microbe is at the level that equal or above the action limit, *Measurement of Uncertainty = +/- 10%

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Test Reg State: Utah

Order # UTC230502-020001
Order Date: 2023-05-02
Sample # AAEK427

Sampling Date: 2023-05-08
Lab Batch Date: 2023-05-08
Completion Date: 2023-05-15

Initial Gross Weight: 133.861 g
Net Weight: 106.937 g

Number of Units: 1
Net Weight per Unit: 5628.263 mg
Sampling Method: MSP 7.3.1



Terpenes

Specimen Weight: 1520.100 mg

Tested
SOP13.045 (GC/GCMS)

Dilution Factor: 20.000

Analyte	LOQ (%)	Result (mg/g)	(%)	Analyte	LOQ (%)	Result (mg/g)	(%)
alpha-Bisabolol	0.002	0.160	0.016	Fenchyl Alcohol	0.002	<LOQ	<LOQ
(+)-Cedrol	0.002	<LOQ	<LOQ	Gamma-Terpinene	0.002	<LOQ	<LOQ
(R)-(+)-Limonene	0.002	<LOQ	<LOQ	Geraniol	0.002	<LOQ	<LOQ
3-Carene	0.002	<LOQ	<LOQ	Geranyl acetate	0.002	<LOQ	<LOQ
alpha-Cedrene	0.002	<LOQ	<LOQ	Guaiol	0.002	<LOQ	<LOQ
alpha-Humulene	0.002	<LOQ	<LOQ	Hexahydrothymol	0.002	<LOQ	<LOQ
alpha-Phellandrene	0.002	<LOQ	<LOQ	Isoborneol	0.002	<LOQ	<LOQ
alpha-Pinene	0.002	<LOQ	<LOQ	Isopulegol	0.002	<LOQ	<LOQ
alpha-Terpinene	0.002	<LOQ	<LOQ	Linalool	0.002	<LOQ	<LOQ
beta-Myrcene	0.002	<LOQ	<LOQ	Nerol	0.002	<LOQ	<LOQ
beta-Pinene	0.002	<LOQ	<LOQ	Ocimene	0.00033	<LOQ	<LOQ
Borneol	0.004	<LOQ	<LOQ	Pulegone	0.002	<LOQ	<LOQ
Camphene	0.002	<LOQ	<LOQ	Sabinene	0.002	<LOQ	<LOQ
Camphors	0.006	<LOQ	<LOQ	Sabinene Hydrate	0.002	<LOQ	<LOQ
Caryophyllene oxide	0.002	<LOQ	<LOQ	Terpinolene	0.002	<LOQ	<LOQ
cis-Nerolidol	0.002	<LOQ	<LOQ	Total Terpeneol	0.00126	<LOQ	<LOQ
Eucalyptol	0.002	<LOQ	<LOQ	trans-Caryophyllene	0.002	<LOQ	<LOQ
Farnesene	0.002	<LOQ	<LOQ	trans-Nerolidol	0.002	<LOQ	<LOQ
Fenchone	0.002	<LOQ	<LOQ	Valencene	0.002	<LOQ	<LOQ



Listeria Monocytogenes

Specimen Weight: 1018.700 mg



Passed
SOP13.032 (qPCR)

Pathogenic Microbiology SAE (MicroArray)

Specimen Weight: 1039.000 mg



Passed
SOP13.019 (Micro Array)

Dilution Factor: 1.000

Analyte	Action Level (cfu/g)	Result	Analyte	Result (cfu/g)	Analyte	Result (cfu/g)
Listeria Monocytogenes	1	Absence in 1g	Aspergillus flavus	Absence in 1g	Aspergillus terreus	Absence in 1g
			Aspergillus fumigatus	Absence in 1g	Salmonella	Absence in 1g
			Aspergillus niger	Absence in 1g	STEC E. Coli	Absence in 1g

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

Definitions are found on page 1

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Test Reg State: Utah

Order # UTC230502-020001
Order Date: 2023-05-02
Sample # AAEK427

Sampling Date: 2023-05-08
Lab Batch Date: 2023-05-08
Completion Date: 2023-05-15

Initial Gross Weight: 133.861 g
Net Weight: 106.937 g

Number of Units: 1
Net Weight per Unit: 5628.263 mg
Sampling Method: MSP 7.3.1

Heavy Metals (For UT Clients ONLY)
Specimen Weight: 250.700 mg
Passed **Mycotoxin - Utah**
SOP13.048 (ICP-MS) Specimen Weight: 269.100 mg

Passed
SOP13.007 (LCMS)

Dilution Factor: 199.442

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Arsenic (As)	.014	100	2000	<LOQ	Lead (Pb)	.006	100	1200	<LOQ	Aflatoxin B1	3.0400E-1	6	20	<LOQ
Cadmium (Cd)	.002	100	820	<LOQ	Mercury (Hg)	.014	100	400	<LOQ	Aflatoxin B2	7.7000E-2	6	20	<LOQ
										Aflatoxin G1	3.0400E-1	6	20	<LOQ

Residual Solvents (For UT Clients ONLY)
Specimen Weight: 58.500 mg

Passed
SOP13.056 (GCMS)

Dilution Factor: 1.000

Analyte	LOD (ppm)	LOQ (ppm)	Action Level (ppm)	Result (ppm)	Analyte	LOD (ppm)	LOQ (ppm)	Action Level (ppm)	Result (ppm)
1,2 Dimethoxyethane	.004	6.4	100	<LOQ	Ethyl Acetate	.0017	6.4	5000	<LOQ
1,4 Dioxane	.0022	8	380	<LOQ	Ethyl Ether	.0004	8	5000	<LOQ
1-Butanol	.0103	6.4	5000	<LOQ	Ethylene glycol	.0013	6.4	620	<LOQ
1-Pentanol	.0103	0.32	5000	<LOQ	Ethylene Oxide		0.32	50	<LOQ
1-Propanol	.003	8	5000	<LOQ	Heptane	.002	8	5000	<LOQ
2,2-dimethylbutane	.0016	12	290	<LOQ	Isopropyl acetate	.0012	8	5000	<LOQ
2,3-dimethylbutane	.0011	26.668	290	<LOQ	Isopropyl alcohol	.111	6.4	5000	<LOQ
2-Butanol	.0002	8	5000	<LOQ	Methanol	.0021	4	3000	<LOQ
2-Ethoxyethanol	.0013	4	160	<LOQ	Methylene chloride	.0006	0.8	600	<LOQ
2-methylbutane	.0108	2	5000	<LOQ	Methylpropane	.0366	2	5000	<LOQ
2-Methylpentane	.0108	6.4	290	<LOQ	N,N-dimethylacetamide	.0229	6.4	1090	<LOQ
3-Methylpentane	.0108	2.4	290	<LOQ	N,N-dimethylformamide	.005	0.132	880	<LOQ
Acetone	.0009	12	5000	<LOQ	n-Hexane		0.8	290	<LOQ
Acetonitrile	.0011	0.96	410	<LOQ	Pentane	.0167	12	5000	<LOQ
Benzene	.0003	0.016	2	<LOQ	Propane	.0849	26.668	5000	<LOQ
Butane	.0028	13.32	5000	<LOQ	Pyridine	.0014	6.4	100	<LOQ
Cumene	.0002	0.032	70	<LOQ	Sulfolane	.0518	6.4	160	<LOQ
Cyclohexane	.0024	0.032	3880	<LOQ	Tetrahydrofuran	.0006	6.4	720	<LOQ
Dimethyl sulfoxide	.001	6.4	5000	<LOQ	Toluene	.0003	2.4	890	<LOQ
Ethanol	.0044	16	5000	<LOQ	Total Xylenes	.0002	7.2	1000	<LOQ

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

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Order Date: 2023-05-02
Sample # AAEK427

Sampling Date: 2023-05-08
Lab Batch Date: 2023-05-08
Completion Date: 2023-05-15

Initial Gross Weight: 133.861 g
Net Weight: 106.937 g

Number of Units: 1
Net Weight per Unit: 5628.263 mg
Sampling Method: MSP 7.3.1

Pesticides (UT Levels)

Specimen Weight: 269.100 mg

Passed

SOP13.007 (LCMS/GCMS)

Dilution Factor: 5.570

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	500	<LOQ	Fludioxonil	1.7400E+0	30	400	<LOQ
Acephate	2.3000E-2	30	400	<LOQ	Hexythiazox	4.9000E-2	30	1000	<LOQ
Acequinocyl	9.5640E+0	48	2000	<LOQ	Imazalil	2.4800E-1	30	200	<LOQ
Acetamiprid	5.2000E-2	30	200	<LOQ	Imidacloprid	9.4000E-2	30	400	<LOQ
Aldicarb	2.6000E-2	30	400	<LOQ	Kresoxim Methyl	4.2000E-2	30	400	<LOQ
Azoxystrobin	8.1000E-2	10	200	<LOQ	Metalaxyl	8.1000E-2	10	200	<LOQ
Bifenazate	1.4150E+0	30	200	<LOQ	Methiocarb	2.2000E-2	30	200	<LOQ
Bifenthrin	4.3000E-2	30	200	<LOQ	Methomyl	2.2000E-2	30	400	<LOQ
Boscalid	5.5000E-2	30	400	<LOQ	MGK-264		48	200	<LOQ
Carbaryl	2.2000E-2	10	200	<LOQ	Myclobutanil	1.0290E+0	30	200	<LOQ
Carbofuran	3.4000E-2	30	200	<LOQ	Naled	9.5000E-2	30	500	<LOQ
Chlorantraniliprole	3.3000E-2	30	200	<LOQ	Oxamyl	2.5000E-2	30	1000	<LOQ
Chlorfenapyr	8.0000E-2	48	1000	<LOQ	Paclobutrazol	6.5000E-2	30	400	<LOQ
Chlorpyrifos	3.5000E-2	30	200	<LOQ	Phosmet	8.2000E-2	30	200	<LOQ
Clofentezine	1.1900E-1	30	200	<LOQ	Piperonylbutoxide	2.9000E-2	30	2000	<LOQ
Cyfluthrin	3.1100E+0	30	1000	<LOQ	Prallethrin	7.9800E-1	30	200	<LOQ
Cypermethrin	1.4490E+0	30	1000	<LOQ	Propiconazole	7.0000E-2	30	400	<LOQ
Daminozide	8.8500E-1	30	1000	<LOQ	Propoxur		30	200	<LOQ
Diazinon	4.4000E-2	30	200	<LOQ	Pyrethrins	2.3593E+1	30	1000	<LOQ
Dichlorvos	2.1820E+0	30	100	<LOQ	Pyridaben	3.2000E-2	30	200	<LOQ
Dimethoate	2.1000E-2	30	200	<LOQ	Spinosad	8.8000E-2	30	200	<LOQ
Ethoprophos	3.6000E-1	30	200	<LOQ	Spiromesifen	2.6100E-1	30	200	<LOQ
Etofenprox	1.1600E-1	30	400	<LOQ	Spirotetramat	8.9000E-2	30	200	<LOQ
Etoxazole	1.1600E-1	30	200	<LOQ	Spiroxamine	1.3100E-1	30	400	<LOQ
Fenoxycarb	1.0700E-1	30	200	<LOQ	Tebuconazole	6.7000E-2	30	400	<LOQ
Fenpyroximate	1.3800E-1	30	400	<LOQ	Thiacloprid	6.4000E-2	30	200	<LOQ
Fipronil	1.0700E-1	30	400	<LOQ	Thiamethoxam	5.0000E-2	30	200	<LOQ
Fonicamid	5.1700E-1	30	1000	<LOQ	Trifloxystrobin	3.7000E-2	30	200	<LOQ

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