



**Diamonds**  
Sample Matrix:  
CBD/HEMP  
Derivative Products  
(Inhalation - Heated)



License No. 800025015  
FL License # CMTL-0003  
CLIA No. 10D1094068

# Certificate of Analysis

## Compliance Test

**KUSH KOLECTIV**  
687 LOFSTRAND LN, STE H  
ROCKVILLE, MD 20850

Batch # LDKK\_061621  
Batch Date: 2021-06-16  
Extracted From: Hemp

Sampling Method: MSP 7.3.1 Test Reg  
State: Oregon

Order # KUS210623-050013  
Order Date: 2021-06-23  
Sample # AABNS74

Sampling Date: 2021-06-25  
Lab Batch Date: 2021-06-25  
Completion Date: 2021-07-12

Initial Gross Weight: 34.121 g



Product Image

- Potency Tested**
- Heavy Metals Passed**
- Mycotoxins Passed**
- Pesticides Passed**
- Residual Solvents Passed**
- Pathogenic Microbiology Passed**
- Residual Solvents Passed**
- Listeria Monocytogenes Passed**

### Delta 8/Delta 10 Potency

#### 12

Specimen Weight: 50.390 mg

Analyte	Dilution (1:n)	LOD (%)	LOQ (%)	Result (mg/g)	(%)
CBD	1000.000	0.000054	0.001	516.020	51.602
Delta-8 THC	1000.000	0.000026	0.001	296.830	29.683
CBG	1000.000	0.000248	0.001	5.150	0.515
CBN	1000.000	0.000014	0.001	3.930	0.393
Delta-9 THC	1000.000	0.000013	0.001	<LOQ	<LOQ
CBC	1000.000	0.000018	0.001	<LOQ	<LOQ
Delta-10 THC	1000.000	0.000003	0.001	<LOQ	<LOQ
THCV	1000.000	0.000007	0.001	<LOQ	<LOQ
THCA-A	1000.000	0.000032	0.001	<LOQ	<LOQ
CBGA	1000.000	0.000008	0.001	<LOQ	<LOQ
CBDV	1000.000	0.000065	0.001	<LOQ	<LOQ
CBDa	1000.000	0.00001	0.001	<LOQ	<LOQ

### Tested (LCUV)

### Potency Summary

Total Delta 8 29.683%	Total Delta 10 None Detected
Total THC None Detected	Total CBD 51.602%
Total CBG 0.515%	Total CBN 0.393%
Other Cannabinoids None Detected	Total Cannabinoids 82.193%

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State: Oregon

Order # KUS210623-050031  
Order Date: 2021-06-23  
Sample # AABN574

Sampling Date: 2021-06-25  
Lab Batch Date: 2021-06-25  
Completion Date: 2021-07-12

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## Heavy Metals

Specimen Weight: 247.900 mg

**Passed**  
(ICP-MS)

Dilution Factor: 2.000

Analyte	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Arsenic (As)	100	1500	<LOQ	Cadmium (Cd)	100	500	<LOQ
Lead (Pb)	100	500	<LOQ	Mercury (Hg)	100	3000	<LOQ

## Mycotoxins

Specimen Weight: N/A Dilution Factor: 9.973

**Passed**  
(LCMS)

Analyte	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Aflatoxin B1	6	20	<LOQ	Aflatoxin B2	6	20	<LOQ
Aflatoxin G1	6	20	<LOQ	Aflatoxin G2	6	20	<LOQ
Ochratoxin A	12	20	<LOQ				

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Sampling Method: MSP 7.3.1 Test Reg  
State: Oregon

Order # KUS210623-050031  
Order Date: 2021-06-23  
Sample # AABN574

Sampling Date: 2021-06-25  
Lab Batch Date: 2021-06-25  
Completion Date: 2021-07-12

Initial Gross Weight: 34.121 g

**Pesticides** **Passed**  
(LCMS/GCMS)

Specimen Weight: *N/A*

Analyte	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Abamectin	28.23	300	<LOQ	Acephate	30	3000	<LOQ
Acequinocyl	48	2000	<LOQ	Acetamiprid	30	3000	<LOQ
Aldicarb	30	100	<LOQ	Azoxystrobin	10	3000	<LOQ
Bifenazate	30	3000	<LOQ	Bifenthrin	30	500	<LOQ
Carbaryl	10	500	<LOQ	Chlorfenapyr	48	100	<LOQ
Chlorpyrifos	30	100	<LOQ	Clofentazine	30	500	<LOQ
Coumaphos	30	100	<LOQ	Cyfluthrin	30	1000	<LOQ
Cypermethrin	30	1000	<LOQ	Daminozide	30	100	<LOQ
Diazinon	30	200	<LOQ	Dichlorvos	30	100	<LOQ
Dimethoate	30	100	<LOQ	Dimethomorph	30	3000	<LOQ
Ethoprophos	30	100	<LOQ	Etofenprox	30	100	<LOQ
Etoxazole	30	1500	<LOQ	Fenhexamid	30	3000	<LOQ
Fenoxycarb	30	100	<LOQ	Fenpyroximate	30	2000	<LOQ
Fipronil	30	100	<LOQ	Flonicamid	30	2000	<LOQ
Fludioxonil	30	3000	<LOQ	Hexythiazox	30	2000	<LOQ
Imazalil	30	100	<LOQ	Imidacloprid	30	3000	<LOQ
Kresoxim Methyl	30	1000	<LOQ	Malathion	30	2000	<LOQ
Metaxalyl	10	3000	<LOQ	Methiocarb	30	100	<LOQ
Methomyl	30	100	<LOQ	Mevinphos	30	100	<LOQ
Myclobutanil	30	3000	<LOQ	Naled	30	500	<LOQ
Oxamyl	30	500	<LOQ	Paclobutrazol	30	100	<LOQ
Parathion-methyl	48	100	<LOQ	Pentachloronitrobenzene	30	200	<LOQ
Permethrin	30	1000	<LOQ	Phosmet	30	200	<LOQ
Piperonylbutoxide	30	3000	<LOQ	Prallethrin	30	400	<LOQ
Propiconazole	30	1000	<LOQ	Propoxur	30	100	<LOQ
Pyrethrins	30	1000	<LOQ	Pyridaben	30	3000	<LOQ
Spinetoram	30	3000	<LOQ	Spiromesifen	30	3000	<LOQ
Spirotetramat	30	3000	<LOQ	Spiroxamine	30	100	<LOQ
Tebuconazole	30	1000	<LOQ	Thiacloprid	30	100	<LOQ
Thiamethoxam	30	1000	<LOQ	Trifloxystrobin	30	3000	<LOQ

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State: Oregon

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Order Date: 2021-06-23  
Sample # AABN574

Sampling Date: 2021-06-25  
Lab Batch Date: 2021-06-25  
Completion Date: 2021-07-12

Initial Gross Weight: 34.121 g



### Residual Solvents - FL (CBD)

**Passed**  
(GCMS)

Specimen Weight: 11.000 mg

Dilution Factor: 1.000

Analyte	LOQ (ppm)	Action Level (ppm)	Result (ppm)	Analyte	LOQ (ppm)	Action Level (ppm)	Result (ppm)
1,1-Dichloroethane	0.16	8	<LOQ	1,2-Dichloroethane	0.04	5	<LOQ
Acetone	2.08	5000	<LOQ	Acetonitrile	1.17	410	<LOQ
Benzene	0.02	2	<LOQ	Butanes	2.5	2000	<LOQ
Chloroform	0.04	60	<LOQ	Ethanol	2.78	5000	<LOQ
Ethyl Acetate	1.11	5000	<LOQ	Ethyl Ether	1.39	5000	<LOQ
Ethylene Oxide	0.1	5	<LOQ	Heptane	1.39	5000	<LOQ
Hexane	1.17	290	<LOQ	Isopropyl alcohol	1.39	500	<LOQ
Methanol	0.69	3000	<LOQ	Methylene chloride	2.43	600	<LOQ
Pentane	2.08	5000	<LOQ	Propane	5.83	2100	<LOQ
Toluene	2.92	890	<LOQ	Total Xylenes	2.92	2170	<LOQ
Trichloroethylene	0.49	80	<LOQ				

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Order # KUS210623-050031  
Order Date: 2021-06-23  
Sample # AABN574

Sampling Date: 2021-06-25  
Lab Batch Date: 2021-06-25  
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Initial Gross Weight: 34.121 g



### Pathogenic Microbiology SAE (MicroArray)

Specimen Weight: 1003.260 mg

**Passed**  
(Micro Array)

Dilution Factor: 1.000

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

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### Residual Solvents - FL/UT (AK) Passed (GCMS)

Specimen Weight: 101.100 mg

Dilution Factor: 500.000

Analyte	LOQ (ppm)	Action Level (ppm)	Result (ppm)	Analyte	LOQ (ppm)	Action Level (ppm)	Result (ppm)
1,1-Dichloroethene	0.16	8	<LOQ	1,2 Dimethoxyethane	1.67	100	<LOQ
1,2-Dichloroethane	0.04	5	<LOQ	1,4 Dioxane	1.67	380	<LOQ
1-Butanol	1.67	5000	<LOQ	1-Pentanol	1.67	5000	<LOQ
1-Propanol	1.67	5000	<LOQ	2,2-dimethylbutane	1.67	290	<LOQ
2,3-dimethylbutane	1.67	290	<LOQ	2-Butanol	1.67	5000	<LOQ
2-Butanone	6.4	5000	<LOQ	2-Ethoxyethanol	1.67	160	<LOQ
2-methylbutane	1.67	5000	<LOQ	2-Methylpentane	1.67	290	<LOQ
2-Propanol (IPA)	1.67	5000	<LOQ	3-Methylpentane	1.67	290	<LOQ
Acetone	1.67	500	<LOQ	Acetonitrile	0.02	410	<LOQ
Benzene	1.67		<LOQ	Butane	1.67	500	<LOQ
Chloroform	0.04	1	<LOQ	Cumene	1.67	70	<LOQ
Cyclohexane	1.67	500	<LOQ	Dichloromethane	1.67	600	<LOQ
Dimethyl sulfoxide	1.67	5000	<LOQ	Ethanol	1.67	5000	<LOQ
Ethyl Acetate	1.11	5000	<LOQ	Ethyl Ether	1.39	5000	<LOQ
Ethylene glycol	1.67	620	<LOQ	Ethylene Oxide	0.1	5	<LOQ
Heptane	1.67	500	<LOQ	Hexane	1.67		<LOQ
Isopropyl acetate	1.67	5000	<LOQ	Isopropyl alcohol	1.67	500	<LOQ
Methanol	0.69	500	<LOQ	Methylene chloride	2.43	600	<LOQ
Methylpropane	1.67	5000	<LOQ	N,N-dimethylacetamide	1.67	1090	<LOQ
N,N-dimethylformamide	1.67	880	<LOQ	Pentane	1.67	500	<LOQ
Propane	1.67	500	<LOQ	Pyridine	1.67	100	<LOQ
Sulfolane	1.67	160	<LOQ	Tetrahydrofuran	1.67	720	<LOQ
Toluene	2.92		<LOQ	Total Xylenes	1.67	217	<LOQ
Trichloroethylene	0.49	80	<LOQ				

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### Listeria Monocytogenes

Specimen Weight: 1003.500 mg

**Passed**  
(qPCR)

Dilution Factor: 1.000

Analyte	Action Level (cfu/g)	Result
Listeria Monocytogenes	1	Absence in 1g

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