



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

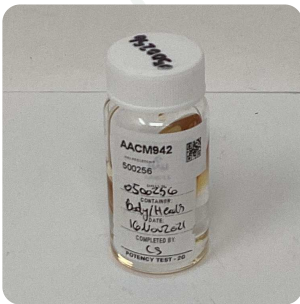
# Certificate of Analysis

R&D

Order # HED220222-060001  
Order Date: 2022-02-22  
Sample # AACM942

Sampling Date: 2022-02-24  
Lab Batch Date: 2022-02-24  
Completion Date: 2022-03-01

Initial Gross Weight: 26.201 g



Product Image

Potency  
Tested

**Delta 8/Delta 10  
Potency 12**

Specimen Weight: 59.430 mg

Analyte	LOD (%)	LOQ (%)	Result (mg/g)	(%)
Delta-8 THC	0.000026	0.001	865.550	86.555
CBC	0.000018	0.001		<LOQ
CBD	0.000054	0.001		<LOQ
THCA-A	0.000032	0.001		<LOQ
Delta-9 THC	0.000013	0.001		<LOQ
Delta-10 THC	0.000003	0.001		<LOQ
CBN	0.000014	0.001		<LOQ
CBGA	0.00008	0.001		<LOQ
CBG	0.000248	0.001		<LOQ
CBDV	0.000065	0.001		<LOQ
CBDA	0.00001	0.001		<LOQ
THCV	0.000007	0.001		<LOQ

**Tested**  
(LCUV)

**Potency Summary**

<b>Total Delta 8</b> 86.555%	<b>Total Delta 10</b> None Detected
<b>Total THC</b> None Detected	<b>Total CBD</b> None Detected
<b>Total CBG</b> None Detected	<b>Total CBN</b> None Detected
<b>Other Cannabinoids</b> None Detected	<b>Total Cannabinoids</b> 86.555%

Xueli Gao Lab Toxicologist  
Ph.D., DABT

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



Definitions and Abbreviations used in this report: \*Total CBD = CBD + (CBD-A \* 0.877), \*Total CBDV = CBDV + (CBDVA \* 0.87), \*Total THC = THCA-A \* 0.877 + Delta 9 THC, \*Total THCV = 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, \*Other Cannabinoids Total = Total Cannabinoids - All the listed cannabinoids on the summary section, \*Total Detected Cannabinoids = Delta8-THC + Total CBN + CBT + Delta8-THCV + Total CBG + Total CBD + Total THCV + CBL + Total THC + Total CBC + Total CBDV + Delta10-THC + Total THC-O-Acetate, \*Analyte Details above show the Dry Weight Concentrations unless specified as 12% moisture concentration. (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) = aw (area ratio) = Area Ratio, (mg/Kg) = Milligram per Kilogram, \*Measurement of Uncertainty = +/- 10%



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. Accredited by a third-party accrediting body as a competent testing laboratory pursuant to ISO/IEC 17025 of the International Organization for Standardization.



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

# Certificate of Analysis

R&D

Order # HED220302-030001  
Order Date: 2022-03-02  
Sample # AACN556

Sampling Date: 2022-03-03  
Lab Batch Date: 2022-03-03  
Completion Date: 2022-03-04

Initial Gross Weight: 114.441 g



Product Image

**H** Heavy Metals  
Passed

**P** Pesticides  
Passed

**V** Residual Solvents  
Passed

## Potency Panel Not Included

### **H** Heavy Metals - CO

Specimen Weight: 252.700 mg

Dilution Factor: 197.863

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

Passed  
(ICP-MS)



### Residual Solvents - CO

Specimen Weight: 11.800 mg

Dilution Factor: 1.000

Analyte	LOQ (ppm)	Action Limit (ppm)	Result (ppm)	Analyte	LOQ (ppm)	Action Limit (ppm)	Result (ppm)
Acetone	2.08	1000	<LOQ	Isopropyl alcohol	1.39	1000	<LOQ
Benzene	0.02	2	<LOQ	Methanol	0.69	600	<LOQ
Butanes	2.5	1000	<LOQ	Pentane	2.08	1000	<LOQ
Ethanol	2.78	1000	<LOQ	Propane	5.83	1000	<LOQ
Ethyl Acetate	1.11	1000	<LOQ	Toluene	2.92	180	<LOQ
Heptane	1.39	1000	<LOQ	Total Xylenes	2.92	430	<LOQ
Hexane	1.17	60	<LOQ				

Passed  
(GCMS)

*Xueli Gao*  
Xueli Gao  
Lab Toxicologist  
Ph.D., DABT

*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 CBD = CBD + (CBD-A \* 0.877), \*Total CBDV = CBDV + (CBDVA \* 0.87), \*Total THC = THCA-A \* 0.877 + Delta 9 THC, \*Total THCV = 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, \*Other Cannabinoids Total = Total Cannabinoids - All the listed cannabinoids on the summary section, \*Total Detected Cannabinoids = Delta8-THC + Total CBN + CBT + Delta8-THCV + Total CBG + Total CBD + Total THCV + CBL + Total THC + Total CBC + Total CBDV + Delta10-THC + Total THC-O-Acetate, \*Analyte Details above show the Dry Weight Concentrations unless specified as 12% moisture concentration. (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) = aw (area ratio) = Area Ratio, (mg/Kg) = Milligram per Kilogram

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. Accredited by a third-party accrediting body as a competent testing laboratory pursuant to ISO/IEC 17025 of the International Organization for Standardization.



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

# Certificate of Analysis

R&D

Order # HED220302-030001  
Order Date: 2022-03-02  
Sample # AACN556

Sampling Date: 2022-03-03  
Lab Batch Date: 2022-03-03  
Completion Date: 2022-03-04

Initial Gross Weight: 114.441 g



## Pesticides - CO (Limited)

**Passed**  
(LCMS/GCMS)

Specimen Weight: 161.410 mg

Dilution Factor: 9.293

Analyte	LOQ (ppb)	Action Limit (ppb)	Result (ppb)	Analyte	LOQ (ppb)	Action Limit (ppb)	Result (ppb)
Abamectin	250	250	<LOQ	Imazalil	10	10	<LOQ
Acephate	50	50	<LOQ	Imidacloprid	10	10	<LOQ
Acequinocyl	30	na	<LOQ	Kresoxim Methyl	150	150	<LOQ
Acetamiprid	50	50	<LOQ	Malathion	10	10	<LOQ
Aldicarb	500	500	<LOQ	Metalaxyl	10	10	<LOQ
Azoxystrobin	10	10	<LOQ	Methiocarb	10	10	<LOQ
Bifenazate	10	10	<LOQ	Methomyl	25	25	<LOQ
Bifenthrin	1000	na	<LOQ	methyl-Parathion	50	na	<LOQ
Boscalid	10	10	<LOQ	MGK-264	50	na	<LOQ
Carbaryl	25	25	<LOQ	Myclobutanil	10	10	<LOQ
Carbofuran	10	10	<LOQ	Naled	100	na	<LOQ
Chlorantranilprole	20	na	<LOQ	Oxamyl	1500	1500	<LOQ
Chlorphenapyr	1500	1500	<LOQ	Paclotrazol	10	10	<LOQ
Chlorpyrifos	500	500	<LOQ	Permethrin	500	na	<LOQ
Clofentazine	10	10	<LOQ	Phosmet	20	na	<LOQ
Cyfluthrin	200	na	<LOQ	Piperonylbutoxide	1250	1250	<LOQ
Cypermethrin	300	na	<LOQ	Prallethrin	50	na	<LOQ
Daminozide	100	na	<LOQ	Propiconazole	100	na	<LOQ
Diazinon	500	na	<LOQ	Propoxur	10	10	<LOQ
Dichlorvos	50	50	<LOQ	Pyrethrins	50	na	<LOQ
Dimethoate	10	10	<LOQ	Pyridaben	20	20	<LOQ
Ethoprophos	10	10	<LOQ	Spinosad	10	10	<LOQ
Etofenprox	50	na	<LOQ	Spiromesifen	3000	na	<LOQ
Etoxazole	20	na	<LOQ	Spirotetramat	10	10	<LOQ
Fenoxycarb	10	10	<LOQ	Spiroxamine	100	na	<LOQ
Fenpyroximate	20	na	<LOQ	Tebuconazole	10	10	<LOQ
Fipronil	10	10	<LOQ	Thiacloprid	10	10	<LOQ
Fonicamid	25	25	<LOQ	Thiamethoxam	10	10	<LOQ
Fludioxonil	10	10	<LOQ	Trifloxystrobin	10	10	<LOQ
Hexythiazox	10	na	<LOQ				

*Xueli Gao*  
Xueli Gao Lab Toxicologist  
Ph.D., DABT

*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 CBD = CBD + (CBD-A \* 0.877), \*Total CBDV = CBDV + (CBDVA \* 0.87), \*Total THC = THCA-A \* 0.877 + Delta 9 THC, \*Total THCV = 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, \*Other Cannabinoids Total = Total Cannabinoids - All the listed cannabinoids on the summary section, \*Total Detected Cannabinoids = Delta8-THC + Total CBN + CBT + Delta8-THCV + Total CBG + Total CBD + Total THCV + CBL + Total THC + Total CBC + Total CBDV + Delta10-THC + Total THC-O-Acetate, \*Analyte Details above show the Dry Weight Concentrations unless specified as 12% moisture concentration. (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) = aw (area ratio) = Area Ratio, (mg/Kg) = Milligram per Kilogram

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. Accredited by a third-party accrediting body as a competent testing laboratory pursuant to ISO/IEC 17025 of the International Organization for Standardization.