



Certificate of Analysis

R&D

FORIA WELLNESS
2440 Junction Place, #102
Boulder, CO 80301

Batch # RSP001_015
Batch Date: 2020-12-22
Extracted From: hemp

Test Reg State: Oregon

Production Facility: Hudson Hemp
Production Date: 2020-12-22

Order # FOR210104-030016
Order Date: 2021-01-04
Sample # AAAW521

Sampling Date: 2021-01-13
Lab Batch Date: 2021-01-13
Completion Date: 2021-01-18

Initial Gross Weight: 124.071 g



Product Image

Potency
Tested

Listeria
Monocytogenes
Passed

Pathogenic
Passed

Potency - 11

Specimen Weight: 92.170 mg

Analyte	Dilution (1:n)	LOD (%)	LOQ (%)	Result (mg/g)	(%)
CBD	10.000	0.000054	0.001	86.670	8.667
CBG	10.000	0.000248	0.001	1.480	0.148
CBDV	10.000	0.000065	0.001	0.360	0.036
CBC	10.000	0.000018	0.001		<LOQ
THCV	10.000	0.000007	0.001		<LOQ
Delta-9 THC	10.000	0.000013	0.001		<LOQ
Delta-8 THC	10.000	0.000026	0.001		<LOQ
CBN	10.000	0.000014	0.001		<LOQ
CBGA	10.000	0.000008	0.001		<LOQ
CBDA	10.000	0.000001	0.001		<LOQ
THCA-A	10.000	0.000032	0.001		<LOQ

Tested (HPLC/LCMS)

Potency Summary

Total CBD 8.667%	Total THC None Detected
Total CBG 0.148%	Total CBN None Detected
Other Cannabinoids 0.036%	Total Cannabinoids 8.851%

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 THC = THCA-A * 0.877 + Delta 9 THC, *CBG Total = (CBGA * 0.877) + CBG, *CBN Total = (CBNA * 0.877) + CBN, *Other Cannabinoids Total = CBC + CBDV + THCV + THCV-A, *Total Detected Cannabinoids = CBD Total + CBG Total + CBN Total + THC Total + CBC + CBDV + THCV + THCV-A, *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 = +/- 5%

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.





Certificate of Analysis

R&D

FORIA WELLNESS
2440 Junction Place, #102
Boulder, CO 80301

Batch # RSP001_015
Batch Date: 2020-12-22
Extracted From: hemp

Test Reg State: Oregon

Production Facility: Hudson Hemp
Production Date: 2020-12-22

Order # FOR210104-030016
Order Date: 2021-01-04
Sample # AAAW521

Sampling Date: 2021-01-13
Lab Batch Date: 2021-01-13
Completion Date: 2021-01-18

Initial Gross Weight: 124.071 g

Listeria Monocytogenes **Passed**
(qPCR)

Specimen Weight: 983.200 mg

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

Pathogenic SAE (qPCR) **Passed**
(qPCR)

Specimen Weight: 225.600 mg

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	E.Coli	1	Absence in 1g
			Salmonella	1	Absence in 1g

Xueli Gao *Aixia Sun*
Xueli Gao Lab Toxicologist Aixia Sun
Ph.D., DABT 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 THC = THCA-A * 0.877 + Delta 9 THC, *CBG Total = (CBGA * 0.877) + CBG, *CBN Total = (CBNA * 0.877) + CBN, *Other Cannabinoids Total = CBC + CBDV + THCV + THCV-A, *Total Detected Cannabinoids = CBD Total + CBG Total + CBN Total + THC Total + CBC + CBDV + THCV + THCV-A, *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 = +/- 5%

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

Compliance Test

FORIA WELLNESS
 2440 Junction Place, #102
 Boulder, CO 80301

Batch # RSP001_015
 Batch Date: 2021-01-13
 Extracted From: Hemp

Test Reg State: Oregon

Production Facility: Hudson Hemp
 Production Date: 2021-01-13

Order # FOR210118-020063
 Order Date: 2021-01-18
 Sample # AAAX505

Sampling Date: 2021-02-01
 Lab Batch Date: 2021-02-01
 Completion Date: 2021-02-05

Initial Gross Weight: 124.071 g



Heavy Metals
 Passed



Mycotoxins
 Passed



Pesticides
 Passed



Residual Solvents
 Passed



pH Level
 Tested

Potency Panel Not Included

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

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



Definitions and Abbreviations used in this report: *Total CBD = CBD + (CBD-A * 0.877), *Total THC = THCA-A * 0.877 + Delta 9 THC, *CBG Total = (CBGA * 0.877) + CBG, *CBN Total = (CBNA * 0.877) + CBN, *Other Cannabinoids Total = CBC + CBDV + THCV + THCV-A, *Total Detected Cannabinoids = CBD Total + CBG Total + CBN Total + THC Total + CBC + CBDV + THCV + THCV-A, *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.





Certificate of Analysis

Compliance Test

FORIA WELLNESS
2440 Junction Place, #102
Boulder, CO 80301

Batch # RSP001_015
Batch Date: 2021-01-13
Extracted From: Hemp

Test Reg State: Oregon

Production Facility: Hudson Hemp
Production Date: 2021-01-13

Order # FOR210118-020063
Order Date: 2021-01-18
Sample # AAAX505

Sampling Date: 2021-02-01
Lab Batch Date: 2021-02-01
Completion Date: 2021-02-05

Initial Gross Weight: 124.071 g

Heavy Metals Passed (ICP-MS)

Specimen Weight: 249.400 mg

Dilution Factor: 2.000

Analyte	LOQ (ppm)	Action Level (ppm)	Result (ppm)	Analyte	LOQ (ppm)	Action Level (ppm)	Result (ppm)
Arsenic (As)	0.1	1.5	<LOQ	Cadmium (Cd)	0.1	0.5	<LOQ
Lead (Pb)	0.1	0.5	<LOQ	Mercury (Hg)	0.1	3	<LOQ
Total Contaminant Load (TCL)		None Detected					

Mycotoxins Passed (LCMS)

Specimen Weight: 172.060 mg

Dilution Factor: 8.718

Analyte	LOQ (ppm)	Action Level (ppm)	Result (ppm)	Analyte	LOQ (ppm)	Action Level (ppm)	Result (ppm)
Aflatoxin B1	0.006	0.02	<LOQ	Aflatoxin B2	0.006	0.02	<LOQ
Aflatoxin G1	0.006	0.02	<LOQ	Aflatoxin G2	0.006	0.02	<LOQ
Ochratoxin A	0.012	0.02	<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 THC = THCA-A * 0.877 + Delta 9 THC, *CBG Total = (CBGA * 0.877) + CBG, *CBN Total = (CBNA * 0.877) + CBN, *Other Cannabinoids Total = CBC + CBDV + THCV + THCV-A, *Total Detected Cannabinoids = CBD Total + CBG Total + CBN Total + THC Total + CBC + CBDV + THCV + THCV-A, *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.



Certificate of Analysis

Compliance Test

FORIA WELLNESS
2440 Junction Place, #102
Boulder, CO 80301

Batch # RSP001_015
Batch Date: 2021-01-13
Extracted From: Hemp

Test Reg State: Oregon

Production Facility: Hudson Hemp
Production Date: 2021-01-13

Order # FOR210118-020063
Order Date: 2021-01-18
Sample # AAAX505

Sampling Date: 2021-02-01
Lab Batch Date: 2021-02-01
Completion Date: 2021-02-05

Initial Gross Weight: 124.071 g



Pesticides

Specimen Weight: 172.060 mg

Passed
(LCMS/GCMS)

Dilution Factor: 8.718

Analyte	LOQ (ppm)	Action Level (ppm)	Result (ppm)	Analyte	LOQ (ppm)	Action Level (ppm)	Result (ppm)
Abamectin	0.028	0.3	<LOQ	Acephate	0.03	3	<LOQ
Acequinocyl	0.048	2	<LOQ	Acetamiprid	0.03	3	<LOQ
Aldicarb	0.03	0.1	<LOQ	Azoxystrobin	0.01	3	<LOQ
Bifenazate	0.03	3	<LOQ	Bifenthrin	0.03	0.5	<LOQ
Carbaryl	0.01	0.5	<LOQ	Chlorfenapyr	0.048	0.1	<LOQ
Chlorpyrifos	0.03	0.1	<LOQ	Clofentazine	0.03	0.5	<LOQ
Coumaphos	0.03	0.1	<LOQ	Cyfluthrin	0.03	1	<LOQ
Cypermethrin	0.03	1	<LOQ	Daminozide	0.03	0.1	<LOQ
Diazinon	0.03	0.2	<LOQ	Dichlorvos	0.03	0.1	<LOQ
Dimethoate	0.03	0.1	<LOQ	Dimethomorph	0.03	3	<LOQ
Ethoprofos	0.03	0.1	<LOQ	Etofenprox	0.03	0.1	<LOQ
Etoxazole	0.03	1.5	<LOQ	Fenhexamid	0.03	3	<LOQ
Fenoxycarb	0.03	0.1	<LOQ	Fenproximate	0.03	2	<LOQ
Fipronil	0.03	0.1	<LOQ	Flonicamid	0.03	2	<LOQ
Fludioxonil	0.03	3	<LOQ	Hexythiazox	0.03	2	<LOQ
Imazalil	0.03	0.1	<LOQ	Imidacloprid	0.03	3	<LOQ
Kresoxim Methyl	0.03	1	<LOQ	Malathion	0.03	2	<LOQ
Metalaxyl	0.01	3	<LOQ	Methiocarb	0.03	0.1	<LOQ
Methomyl	0.03	0.1	<LOQ	Mevinphos	0.03	0.1	<LOQ
Myclobutanil	0.03	3	<LOQ	Naled	0.03	0.5	<LOQ
Oxamyl	0.03	0.5	<LOQ	Paclobotrazol	0.03	0.1	<LOQ
Parathion-methyl	0.048	0.1	<LOQ	Pentachloronitrobenzene	0.03	0.2	<LOQ
Permethrin	0.03	1	<LOQ	Phosmet	0.03	0.2	<LOQ
Piperonylbutoxide	0.03	3	<LOQ	Prallethrin	0.03	0.4	<LOQ
Propiconazole	0.03	1	<LOQ	Propoxur	0.03	0.1	<LOQ
Pyrethrins	0.03	1	<LOQ	Pyridaben	0.03	3	<LOQ
Spinetoram	0.03	3	<LOQ	Spiromesifen	0.03	3	<LOQ
Spirotetramat	0.03	3	<LOQ	Spiroxamine	0.03	0.1	<LOQ
Tebuconazole	0.03	1	<LOQ	Thiacloprid	0.03	0.1	<LOQ
Thiamethoxam	0.03	1	<LOQ	Trifloxystrobin	0.03	3	<LOQ
Total Contaminant Load (TCL)	None Detected						

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 THC = THCA-A * 0.877 + Delta 9 THC, *CBG Total = (CBGA * 0.877) + CBG, *CBN Total = (CBNA * 0.877) + CBN, *Other Cannabinoids Total = CBC + CBDV + THCV + THCV-A, *Total Detected Cannabinoids = CBD Total + CBG Total + CBN Total + THC Total + CBC + CBDV + THCV + THCV-A, *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.



Certificate of Analysis

Compliance Test

FORIA WELLNESS
2440 Junction Place, #102
Boulder, CO 80301

Batch # RSP001_015
Batch Date: 2021-01-13
Extracted From: Hemp

Test Reg State: Oregon

Production Facility: Hudson Hemp
Production Date: 2021-01-13

Order # FOR210118-020063
Order Date: 2021-01-18
Sample # AAAX505

Sampling Date: 2021-02-01
Lab Batch Date: 2021-02-01
Completion Date: 2021-02-05

Initial Gross Weight: 124.071 g



Residual Solvents (CBD)

Specimen Weight: 13.500 mg

Passed
(GCMS)

Dilution Factor: 1.000

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-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				



pH Level

Specimen Weight: N/A Dilution Factor: 1.000

Tested
(pH Meter)

Analyte	Result (pH)
pH Level	4.0

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 THC = THCA-A * 0.877 + Delta 9 THC, *CBG Total = (CBGA * 0.877) + CBG, *CBN Total = (CBNA * 0.877) + CBN, *Other Cannabinoids Total = CBC + CBDV + THCv + THCV-A, *Total Detected Cannabinoids = CBD Total + CBG Total + CBN Total + THC Total + CBC + CBDV + THCv + THCV-A, *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.

