

721 Cortaro Dr. Sun City Center, FL 33573

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

Wellness Tonic Orange - Batch Sample Matrix: CBD/HEMP Derivative Products (Ingestion)



Certificate of Analysis

R&D

FORIA WELLNESS 2440 Junction Place, #102 Batch # WT0001_003R Batch Date: 2021-01-04 Extracted From: hemp Test Reg State: Oregon

Production Facility: hudson hemp **Production Date:** 2021-01-04

Boulder, CO 80301

Order # F0R210107-020025
Order Date: 2021-01-07
Sample # AAAW751

Sampling Date: 2021-01-12 Lab Batch Date: 2021-01-12 Completion Date: 2021-01-15

Initial Gross Weight: 45.861 g





Product Image

Potency - 11

Specimen Weight: 99.630 mg

Analyte	Dilution (1:n)	LOD (%)	LOQ (%)	Result (mg/g)	(%)
CBD	10.000	0.000054	0.001	36.240	3.624
CBG	10.000	0.000248	0.001	0.898	0.090
CBDV	10.000	0.000065	0.001	0.182	0.018
CBC	10.000	0.000018	0.001		<l0q< td=""></l0q<>
THCV	10.000	0.000007	0.001		<l0q< td=""></l0q<>
Delta-9 THC	10.000	0.000013	0.001		<loq< td=""></loq<>
Delta-8 THC	10.000	0.000026	0.001		<loq< td=""></loq<>
CBN	10.000	0.000014	0.001		<loq< td=""></loq<>
CBGA	10.000	80000.0	0.001		<l0q< td=""></l0q<>
CBDA	10.000	0.00001	0.001		<l0q< td=""></l0q<>
THCA-A	10.000	0.000032	0.001		<l00< td=""></l00<>

Tested (HPLC/LCMS)

Total CBD 3.624% Total CBG 0.090%

Other Cannabinoids

0.018%

None Detected
Total CBN
None Detected

Total THC

Potency Summary

Total Cannabinoids 3.732%

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Xueli Gao Ph.D., DABT Lab Toxicologist

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 = (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 Detection, Dilution = Dilution Teator (ppb) = Parts per Billion, (%) = Percent, (cfu/g) = Colony Forming Unit per Gram (cfu/g) = Colony Forming Unit per Gram (cfu/g) = Colony Forming Unit per Gram (cfu/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%





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Phone Number: 866.762.8379 Email: info@acslabcannabis.com Form 40 Page 1 of 1



License No. 800025015 FL License # CMTL-0003 CLIA No. 10D1094068 Orange Tonic Batch 3R Sample Matrix: CBD/HEMP Derivative Products (Ingestion)



Certificate of Analysis

Compliance Test

FORIA WELLNESS 2440 Junction Place, #102

Listeria

Passed

Batch # WTO001_03R Batch Date: 2021-01-12 Extracted From: hemp

Passed

Test Reg State: Oregon

Production Facility: Hudson Hemp Production Date: 2021-01-12

Boulder, CO 80301

 Order # FOR210216-020014
 Sampling Date: 2021-02-19

 Order Date: 2021-02-16
 Lab Batch Date: 2021-02-19

 Sample # AAAZ750
 Completion Date:

Completion Date

Potency Panel Not Included

Monocytogenes

Xueli Gao

Lab Toxicologist

Aixia Sun Lab Director/Principal Scientist

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



Ph.D., DABT





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Orange Tonic Batch 3R Sample Matrix: CBD/HEMP **Derivative Products** (Ingestion)



Certificate of Analysis

Compliance Test

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

Batch # WTO001_03R Batch Date: 2021-01-12 Extracted From: hemp

Test Reg State: Oregon

Production Facility: Hudson Hemp Production Date: 2021-01-12

Order # FOR210216-020014 Order Date: 2021-02-16 Sample # AAAZ750

Sampling Date: 2021-02-19 Lab Batch Date: 2021-02-19 Completion Date:

Passed

Listeria Monocytogenes

Specimen Weight: 999.410 mg

(qPCR)

Dilution Factor: 1.000

Analyte Listeria Monocytogenes



Pathogenic SAE (qPCR)

Specimen Weight: 267.630 mg

Passed (qPCR)

Dilution Factor: 1.000

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

Xueli Gao

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Ph.D., DABT

Lab Toxicologist

Lab Director/Principal Scientist Aixia Sun







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Certificate of Analysis

Compliance Test

FORIA WELLNESS 2440 Junction Place, #102

Batch # WTO001_003R Batch Date: 2021-01-12 Extracted From: hemp

Completion Date: 2021-03-05

Test Reg State: Oregon

Production Facility: Hudson Hemp **Production Date:** 2021-01-12

Boulder, CO 80301

Order # FOR210302-020041 Order Date: 2021-03-02 Sample # AABB038 **Sampling Date:** 2021-03-02 **Lab Batch Date:** 2021-03-02

Initial Gross Weight: 45.861 g

Heavy Metals Passed



Mycotoxins Passed



Pesticides **Passed**



Residual Solvents Passed

Potency Panel Not Included

Lab Toxicologist

Lab Director/Principal Scientist Aixia Sun

D.H.Sc., M.Sc., B.Sc., MT (AAB)

Xueli Gao Ph.D., DABT





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Orange Tonic Batch 3R Sample Matrix: CBD/HEMP **Derivative Products** (Ingestion)



Certificate of Analysis

Compliance Test

FORIA WELLNESS

2440 Junction Place, #102 Boulder, CO 80301

Batch # WT0001_003R Batch Date: 2021-01-12 Extracted From: hemp Test Reg State: Oregon

Production Facility: Hudson Hemp Production Date: 2021-01-12

Order # FOR210302-020041 Order Date: 2021-03-02 Sample # AABB038

Sampling Date: 2021-03-02 Lab Batch Date: 2021-03-02 Completion Date: 2021-03-05

Initial Gross Weight: 45.861 g

Heavy Metals

Specimen Weight: 248.620 mg

Passed (ICP-MS)

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Analyte	LOQ (ppm)	Action Level (ppm)	Result (ppm)	Analyte	LOQ (ppm)	Action Level (ppm)	Result (ppm)
Arsenic (As)	0.1	1.5	<l0q< td=""><td>Cadmium (Cd)</td><td>0.1</td><td>0.5</td><td><l0q< td=""></l0q<></td></l0q<>	Cadmium (Cd)	0.1	0.5	<l0q< td=""></l0q<>
Lead (Pb)	0.1	0.5	<loq< td=""><td>Mercury (Hg)</td><td>0.1</td><td>3</td><td><loq< td=""></loq<></td></loq<>	Mercury (Hg)	0.1	3	<loq< td=""></loq<>
Total Contaminant Load (TCL)	None Detected						

Mycotoxins

Passed (LCMS)

Specimen Weight: N/A	Dilution Factor: 9.009
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Analyte	LOQ (ppm)	Action Level (ppm)	Result (ppm)	Analyte	LOQ (ppm)	Action Level (ppm)	Result (ppm)	
Aflatoxin B1	0.006	0.02	<loq< th=""><th>Aflatoxin B2</th><th>0.006</th><th>0.02</th><th><loq< th=""><th></th></loq<></th></loq<>	Aflatoxin B2	0.006	0.02	<loq< th=""><th></th></loq<>	
Aflatoxin G1	0.006	0.02	<l0q< th=""><th>Aflatoxin G2</th><th>0.006</th><th>0.02</th><th><loq< th=""><th></th></loq<></th></l0q<>	Aflatoxin G2	0.006	0.02	<loq< th=""><th></th></loq<>	
Ochratoxin A	0.012	0.02	<l0q< th=""><th></th><th></th><th></th><th></th><th></th></l0q<>					

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Lab Toxicologist

Lab Director/Principal Scientist

D.H.Sc., M.Sc., B.Sc., MT (AAB)

Aixia Sun







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Orange Tonic Batch 3R Sample Matrix: CBD/HEMP **Derivative Products** (Ingestion)



Certificate of Analysis

Compliance Test

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

Batch # WT0001_003R Batch Date: 2021-01-12 Extracted From: hemp Test Reg State: Oregon

Production Facility: Hudson Hemp **Production Date:** 2021-01-12

Order # FOR210302-020041 Order Date: 2021-03-02 Sample # AABB038

Sampling Date: 2021-03-02 Lab Batch Date: 2021-03-02 Completion Date: 2021-03-05

Initial Gross Weight: 45.861 g

Pesticides

Specimen Weight: N/A Dilution Factor: 9.009

Passed (LCMS/GCMS)

Specimen weigh	. N/A Dilution Factor	7. 9.009						
Analyte	LOQ (ppm)	Action Level (ppm)	Result (ppm)	Analyte	LOQ (ppm)	Action Level (ppm)	Result (ppm)	
Abamectin	0.028	0.3	<l0q< td=""><td>Acephate</td><td>0.03</td><td>3</td><td><l0q< td=""><td></td></l0q<></td></l0q<>	Acephate	0.03	3	<l0q< td=""><td></td></l0q<>	
Acequinocyl	0.048	2	<l0q< td=""><td>Acetamiprid</td><td>0.03</td><td>3</td><td><l0q< td=""><td></td></l0q<></td></l0q<>	Acetamiprid	0.03	3	<l0q< td=""><td></td></l0q<>	
Aldicarb	0.03	0.1	<l0q< td=""><td>Azoxystrobin</td><td>0.01</td><td>3</td><td><l0q< td=""><td></td></l0q<></td></l0q<>	Azoxystrobin	0.01	3	<l0q< td=""><td></td></l0q<>	
Bifenazate	0.03	3	<loq< td=""><td>Bifenthrin</td><td>0.03</td><td>0.5</td><td><loq< td=""><td></td></loq<></td></loq<>	Bifenthrin	0.03	0.5	<loq< td=""><td></td></loq<>	
Carbaryl	0.01	0.5	<loq< td=""><td>Chlorfenapyr</td><td>0.048</td><td>0.1</td><td><loq< td=""><td></td></loq<></td></loq<>	Chlorfenapyr	0.048	0.1	<loq< td=""><td></td></loq<>	
Chlorpyrifos	0.03	0.1	<l0q< td=""><td>Clofentezine</td><td>0.03</td><td>0.5</td><td><loq< td=""><td></td></loq<></td></l0q<>	Clofentezine	0.03	0.5	<loq< td=""><td></td></loq<>	
Coumaphos	0.03	0.1	<loq< td=""><td>Cyfluthrin</td><td>0.03</td><td>1</td><td><loq< td=""><td></td></loq<></td></loq<>	Cyfluthrin	0.03	1	<loq< td=""><td></td></loq<>	
Cypermethrin	0.03	1	<l0q< td=""><td>Daminozide</td><td>0.03</td><td>0.1</td><td><loq< td=""><td></td></loq<></td></l0q<>	Daminozide	0.03	0.1	<loq< td=""><td></td></loq<>	
Diazinon	0.03	0.2	<l0q< td=""><td>Dichlorvos</td><td>0.03</td><td>0.1</td><td><l0q< td=""><td></td></l0q<></td></l0q<>	Dichlorvos	0.03	0.1	<l0q< td=""><td></td></l0q<>	
Dimethoate	0.03	0.1	<l0q< td=""><td>Dimethomorph</td><td>0.03</td><td>3</td><td><l0q< td=""><td></td></l0q<></td></l0q<>	Dimethomorph	0.03	3	<l0q< td=""><td></td></l0q<>	
Ethoprophos	0.03	0.1	<loq< td=""><td>Etofenprox</td><td>0.03</td><td>0.1</td><td><loq< td=""><td></td></loq<></td></loq<>	Etofenprox	0.03	0.1	<loq< td=""><td></td></loq<>	
Etoxazole	0.03	1.5	<loq< td=""><td>Fenhexamid</td><td>0.03</td><td>3</td><td><loq< td=""><td></td></loq<></td></loq<>	Fenhexamid	0.03	3	<loq< td=""><td></td></loq<>	
Fenoxycarb	0.03	0.1	<l0q< td=""><td>Fenpyroximate</td><td>0.03</td><td>2</td><td><loq< td=""><td></td></loq<></td></l0q<>	Fenpyroximate	0.03	2	<loq< td=""><td></td></loq<>	
Fipronil	0.03	0.1	<l0q< td=""><td>Flonicamid</td><td>0.03</td><td>2</td><td><loq< td=""><td></td></loq<></td></l0q<>	Flonicamid	0.03	2	<loq< td=""><td></td></loq<>	
Fludioxonil	0.03	3	<l0q< td=""><td>Hexythiazox</td><td>0.03</td><td>2</td><td><l0q< td=""><td></td></l0q<></td></l0q<>	Hexythiazox	0.03	2	<l0q< td=""><td></td></l0q<>	
Imazalil	0.03	0.1	<l0q< td=""><td>Imidacloprid</td><td>0.03</td><td>3</td><td><l0q< td=""><td></td></l0q<></td></l0q<>	Imidacloprid	0.03	3	<l0q< td=""><td></td></l0q<>	
Kresoxim Methyl	0.03	1	<l0q< td=""><td>Malathion</td><td>0.03</td><td>2</td><td><l0q< td=""><td></td></l0q<></td></l0q<>	Malathion	0.03	2	<l0q< td=""><td></td></l0q<>	
Metalaxyl	0.01	3	<l0q< td=""><td>Methiocarb</td><td>0.03</td><td>0.1</td><td><l0q< td=""><td></td></l0q<></td></l0q<>	Methiocarb	0.03	0.1	<l0q< td=""><td></td></l0q<>	
Methomyl	0.03	0.1	<l0q< td=""><td>Mevinphos</td><td>0.03</td><td>0.1</td><td><l0q< td=""><td></td></l0q<></td></l0q<>	Mevinphos	0.03	0.1	<l0q< td=""><td></td></l0q<>	
Myclobutanil	0.03	3	<l0q< td=""><td>Naled</td><td>0.03</td><td>0.5</td><td><l0q< td=""><td></td></l0q<></td></l0q<>	Naled	0.03	0.5	<l0q< td=""><td></td></l0q<>	
Oxamyl	0.03	0.5	<l0q< td=""><td>Paclobutrazol</td><td>0.03</td><td>0.1</td><td><l0q< td=""><td></td></l0q<></td></l0q<>	Paclobutrazol	0.03	0.1	<l0q< td=""><td></td></l0q<>	
Parathion-methyl	0.048	0.1	<l0q< td=""><td>Pentachloronitrobenzene</td><td>0.03</td><td>0.2</td><td><l0q< td=""><td></td></l0q<></td></l0q<>	Pentachloronitrobenzene	0.03	0.2	<l0q< td=""><td></td></l0q<>	
Permethrin	0.03	1	<l0q< td=""><td>Phosmet</td><td>0.03</td><td>0.2</td><td><l0q< td=""><td></td></l0q<></td></l0q<>	Phosmet	0.03	0.2	<l0q< td=""><td></td></l0q<>	
Piperonylbutoxide	0.03	3	<l0q< td=""><td>Prallethrin</td><td>0.03</td><td>0.4</td><td><l0q< td=""><td></td></l0q<></td></l0q<>	Prallethrin	0.03	0.4	<l0q< td=""><td></td></l0q<>	
Propiconazole	0.03	1	<l0q< td=""><td>Propoxur</td><td>0.03</td><td>0.1</td><td><l0q< td=""><td></td></l0q<></td></l0q<>	Propoxur	0.03	0.1	<l0q< td=""><td></td></l0q<>	
Pyrethrins	0.03	1	<l0q< td=""><td>Pyridaben</td><td>0.03</td><td>3</td><td><l0q< td=""><td></td></l0q<></td></l0q<>	Pyridaben	0.03	3	<l0q< td=""><td></td></l0q<>	
Spinetoram	0.03	3	<l0q< td=""><td>Spiromesifen</td><td>0.03</td><td>3</td><td><l0q< td=""><td></td></l0q<></td></l0q<>	Spiromesifen	0.03	3	<l0q< td=""><td></td></l0q<>	
Spirotetramat	0.03	3	<l0q< td=""><td>Spiroxamine</td><td>0.03</td><td>0.1</td><td><loq< td=""><td></td></loq<></td></l0q<>	Spiroxamine	0.03	0.1	<loq< td=""><td></td></loq<>	
Tebuconazole	0.03	1	<l0q< td=""><td>Thiacloprid</td><td>0.03</td><td>0.1</td><td><loq< td=""><td></td></loq<></td></l0q<>	Thiacloprid	0.03	0.1	<loq< td=""><td></td></loq<>	
Thiamethoxam	0.03	1	<l0q< td=""><td>Trifloxystrobin</td><td>0.03</td><td>3</td><td><loq< td=""><td></td></loq<></td></l0q<>	Trifloxystrobin	0.03	3	<loq< td=""><td></td></loq<>	
Total Contaminant Load (TCL)	None Detected							

Xueli Gao

GLab Toxicologist

Lab Director/Principal Scientist

Aixia Sun D.H.Sc., M.Sc., B.Sc., MT (AAB)

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Orange Tonic Batch 3R Sample Matrix: CBD/HEMP **Derivative Products** (Ingestion)



Certificate of Analysis

Compliance Test

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

Batch # WT0001_003R Batch Date: 2021-01-12 Extracted From: hemp

80

<LOQ

Test Reg State: Oregon

Production Facility: Hudson Hemp Production Date: 2021-01-12

Order # FOR210302-020041 Order Date: 2021-03-02 Sample # AABB038

Sampling Date: 2021-03-02 **Lab Batch Date:** 2021-03-02 **Completion Date:** 2021-03-05

Initial Gross Weight: 45.861 g

Trichloroethylene

Residual Solvents - FL (CBD)

0.49

Specimen Weight: 13.800 mg

Passed (GCMS)

Analyte	LOQ (ppm)	Action Level (ppm)	Result (ppm)	Analyte	LOQ (ppm)	Action Level (ppm)	Result (ppm)	
1,1-Dichloroethene	0.16	8	<l0q< td=""><td>1,2-Dichloroethane</td><td>0.04</td><td>5</td><td><l0q< td=""><td></td></l0q<></td></l0q<>	1,2-Dichloroethane	0.04	5	<l0q< td=""><td></td></l0q<>	
Acetone	2.08	5000	<loq< td=""><td>Acetonitrile</td><td>1.17</td><td>410</td><td><loq< td=""><td></td></loq<></td></loq<>	Acetonitrile	1.17	410	<loq< td=""><td></td></loq<>	
Benzene	0.02	2	<loq< td=""><td>Butanes</td><td>2.5</td><td>2000</td><td><loq< td=""><td></td></loq<></td></loq<>	Butanes	2.5	2000	<loq< td=""><td></td></loq<>	
Chloroform	0.04	60	<loq< td=""><td>Ethanol</td><td>2.78</td><td>5000</td><td><loq< td=""><td></td></loq<></td></loq<>	Ethanol	2.78	5000	<loq< td=""><td></td></loq<>	
Ethyl Acetate	1.11	5000	<loq< td=""><td>Ethyl Ether</td><td>1.39</td><td>5000</td><td><loq< td=""><td></td></loq<></td></loq<>	Ethyl Ether	1.39	5000	<loq< td=""><td></td></loq<>	
Ethylene Oxide	0.1	5	<l0q< td=""><td>Heptane</td><td>1.39</td><td>5000</td><td><loq< td=""><td></td></loq<></td></l0q<>	Heptane	1.39	5000	<loq< td=""><td></td></loq<>	
Hexane	1.17	290	<l0q< td=""><td>Isopropyl alcohol</td><td>1.39</td><td>500</td><td><loq< td=""><td></td></loq<></td></l0q<>	Isopropyl alcohol	1.39	500	<loq< td=""><td></td></loq<>	
Methanol	0.69	3000	<l0q< td=""><td>Methylene chloride</td><td>2.43</td><td>600</td><td><l0q< td=""><td></td></l0q<></td></l0q<>	Methylene chloride	2.43	600	<l0q< td=""><td></td></l0q<>	
Pentane	2.08	5000	<l0q< td=""><td>Propane</td><td>5.83</td><td>2100</td><td><loq< td=""><td></td></loq<></td></l0q<>	Propane	5.83	2100	<loq< td=""><td></td></loq<>	
Toluene	2.92	890	<l0q< td=""><td>Total Xylenes</td><td>2.92</td><td>2170</td><td><loq< td=""><td></td></loq<></td></l0q<>	Total Xylenes	2.92	2170	<loq< td=""><td></td></loq<>	

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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 Detection, Dilution = Dilution Teator (ppb) = Parts per Billion, (%) = Percent, (cfl/g) = Colony Forming Unit per Gram (cfl/g) = Colony Forming Unit per Gram (cfl/g) = Colony Forming Unit per Gram (cfl/g) = Milligram per Kilogram per Kilogram per Gram (ppm) = Parts per Million, (ppm) = (μg/g), (aw) = aw (area ratio) = Area Ratio, (mg/Kg) = Milligram per Kilogram



