

Regulatory Compliance Testing

Sonoma Lab Works
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License: C8-000015-LIC

Certificate of Analysis

Distributor:	<i>Radiant Farms</i>	Client:	<i>Radiant Farm, Inc.</i>
Distributor Address:	<i>1821 Empire Industrial Ct. #F, Santa Rosa CA</i>	Client Address:	<i>1821 Empire Industrial Ct. #F, Santa Rosa CA</i>
Distributor License #:	<i>C11-0000266-LIC</i>	Client License #:	<i>CDPH-10002595</i>
Date Collected:	<i>04/14/2020</i>	Batch #:	<i>WTHCF3G200413</i>
Date Received:	<i>4/14/2020</i>	Dates of Analysis:	<i>4/14/2020 - 4/15/2020</i>

Sample Code:	<i>20C001030</i>
Sample Type:	<i>Non-Inhalable</i>
Sample Matrix:	<i>Extract (Non-Inhalable)</i>
Sample Name:	<i>Wonder THC FECO 3g</i>
METRC Tag:	<i>1A4060300003124000000161</i>
Total Batch:	<i>1,264 Units</i>
Primary Sample:	<i>13 Units</i>

Test Summary

Overall Batch Result	Pass	
Total Calculated d9-THC (%)	68.20	Pass
Total d9 THC (mg) per package	2045.9	
Total Calculated CBD (%)	1.81	
Total CBD (mg) per package	54.41	
Total Cannabinoids (%)	76.16	
Residual Solvents (Detect/No Detect)	Detect	Pass
Microbial Result (Pass/Fail)	ND	Pass
Pesticide Screen (Detect/No Detect)	ND	Pass
Heavy Metals Screen (Detect/No Detect)	Detect	Pass
Mycotoxin Screen (Detect/No Detect)	ND	Pass
Total Terpenes (%)	NT	N/A
Percent Moisture (%)	NT	NT
Water Activity (Aw)	NT	NT
Foreign Material (Present/Absent)	ND	Pass



Sample Information

Density (g/ml)	N/A
Average Weight per Package (g)	3.00

David Chen
 Laboratory Director
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4/15/2020

Date



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Regulatory Compliance Testing

Certificate of Analysis V8.2.2 Revision: 3/28/19 DC

Potency Test Result						Extract (Non-Inhalable)		
SOP: [BLW-CJ] Method: HPLC Date Tested: 4/15/2020								
Target Analyte	% Test	mg/g	LOD mg/g	LOQ mg/g	Pass/Fail			
CBDA	0.21	2.14	0.01	0.05	N/A			
CBGA	ND	ND	0.01	0.05	N/A			
CBG	3.42	34.20	0.01	0.05	N/A			
CBD	1.63	16.26	0.01	0.05	N/A			
THCV	0.77	7.74	0.01	0.05	N/A			
CBN	0.39	3.94	0.01	0.05	N/A			
THCA	0.12	1.15	0.01	0.05	Pass			
Delta 9-THC (d9-THC)	68.10	680.96	0.01	0.05	Pass			
Delta 8-THC (d8-THC)	ND	ND	0.01	0.05	N/A			
CBC	1.53	15.26	0.01	0.05	N/A			

*All cannabinoid results calculated in accordance with 5724. of CA Code of Regulations Title 16

Residual Solvent Screen - Category 1					California Limit - All Products
SOP: [BLW-RS] Method: GCMS Date Tested: 4/15/2020					
Target Analyte	PPM (ug/g)	LOD (ug/g)	LOQ (ug/g)	Pass/Fail	
1,2-Dichloroethane	ND	1	1	Pass	
Benzene	ND	1	1	Pass	
Chloroform	ND	1	1	Pass	
Ethylene oxide	ND	1	1	Pass	
Methylene chloride	ND	1	1	Pass	
Trichloroethylene	ND	1	1	Pass	

Residual Solvent Screen - Category 2						California Limit - Cannabis Product
SOP: [BLW-RS] Method: GCMS Date Tested: 4/15/2020						
Target Analyte	PPM	LOD (ug/g)	LOQ (ug/g)	PPM (ug/g)	Pass/Fail	
Acetone	ND	100	500	5000	Pass	
Acetonitrile	ND	5	41	410	Pass	
Butane	ND	100	1000	5000	Pass	
Ethanol	700.60	1	10	5000	Pass	
Ethyl acetate	<LOQ	100	500	5000	Pass	
Ethyl ether	ND	100	500	5000	Pass	
Heptane	ND	100	500	5000	Pass	
Hexane	ND	1	29	290	Pass	
Isopropyl Alcohol	ND	1	10	5000	Pass	
Methanol	ND	100	300	3000	Pass	
Pentane	ND	100	500	5000	Pass	
Propane	ND	500	5000	5000	Pass	
Toluene	ND	100	100	890	Pass	
Total Xylenes	ND	1.0	10.0	2170	Pass	

Microbial Screen				California Limit
SOP: [BLW-MJ] qPCR PathoDEK-11 Date Tested: 4/15/2020				
Microbiological Assay	Threshold	Pass/Fail		
Salmonella	ND	Detect/1 gram	Pass	
Escherichia Coli (STEC)	ND	Detect/1 gram	Pass	
Aspergillus niger	ND		Pass	
Aspergillus fumigatus	ND		Pass	
Aspergillus flavus	ND		Pass	
Aspergillus terreus	ND		Pass	

Heavy Metals Screen						California Limit - Non-Inhalable Cannabis
SOP: [BLW-HM] Method: ICPMS Date Tested: 4/15/2020						
Target Analyte	PPM	LOD (ug/g)	LOQ (ug/g)	PPM (ug/g)	Pass/Fail	
Cadmium	ND	0.05	0.1	0.5	Pass	
Lead	<LOQ	0.05	0.1	0.5	Pass	
Arsenic	ND	0.05	0.1	1.5	Pass	
Mercury	ND	0.05	0.1	3.0	Pass	

Mycotoxin Screen						California Limit
SOP: [BLW-MA] Method: LCMSMS Date Tested: 4/15/2020						
Target Analyte	PPB (ug/kg)	LOD (ug/kg)	LOQ (ug/kg)	PPB (ug/kg)	Pass/Fail	
Aflatoxin B1	ND	1.0	4.0	20.00	Pass	
Aflatoxin B2	ND	1.0	4.0	20.00	Pass	
Aflatoxin G1	ND	1.0	4.0	20.00	Pass	
Aflatoxin G2	ND	1.0	4.0	20.00	Pass	
Total Aflatoxins	ND	4.0	16.0	20.00	Pass	
Ochratoxin A	ND	1.0	4.0	20.00	Pass	

Terpene Test Result					
SOP: [BLW-TA] GC/MS Date Tested:					
Target Analyte	% Test	mg/g	LOD (mg/g)	LOQ (mg/g)	
alpha-Bisabolol	NT	NT	0.02	0.10	
Camphene	NT	NT	0.02	0.10	
delta-3-Carene	NT	NT	0.02	0.10	
beta-Caryophyllene	NT	NT	0.02	0.10	
Caryophyllene Oxide	NT	NT	0.02	0.10	
p-Cymene	NT	NT	0.02	0.10	
Eucalyptol	NT	NT	0.02	0.10	
Geraniol	NT	NT	0.02	0.10	
Guaiol	NT	NT	0.02	0.10	
alpha-Humulene	NT	NT	0.02	0.10	
Isopulegol	NT	NT	0.02	0.10	
delta-Limonene	NT	NT	0.02	0.10	
Linalool	NT	NT	0.02	0.10	
beta-Myrcene	NT	NT	0.02	0.10	
Nerolidol 1	NT	NT	0.02	0.10	
Nerolidol 2	NT	NT	0.02	0.10	
beta-Ocimene	NT	NT	0.02	0.10	
alpha-Ocimene	NT	NT	0.02	0.10	
alpha-Pinene	NT	NT	0.02	0.10	
beta-Pinene	NT	NT	0.02	0.10	
alpha-Terpinene	NT	NT	0.02	0.10	
Gamma-Terpinene	NT	NT	0.02	0.10	
Terpinolene	NT	NT	0.02	0.10	

Client:	Radiant Farm, Inc.
Client Address:	1821 Empire Industrial Ct. #F, Santa Rosa CA
Client License#: CDPH-10002595	
Batch #:	WTHCF3G200413
Date of Analysis:	4/14/2020 - 4/15/2020
Sample Name:	Wonder THC FECO 3g

Percent Moisture (%)	N/A	California Limit	N/A
SOP: [BLW-MO] Method: Analyze			
Date Tested:			
Water Activity (Aw)	N/A		N/A
SOP: [BLW-AW] A. Probe			
Date Tested:			
Foreign Material	ND	1/4 total sample area	Pass
SOP: [BLW-FM] Visual Inspection			
Date Tested:	4/14/2020		

Pesticide Screen Result - Category 1					California Limit - All Products
SOP: [BLW-PA] Method: LCMSMS ES/IGCMSMS Date Tested: 4/15/2020					
Target Analyte	PPM (ug/g)	LOD (ug/g)	LOQ (ug/g)	Pass/Fail	
Aldicarb	ND	0.02	0.08	Pass	
Carbofuran	ND	0.02	0.08	Pass	
Chlordane	ND	0.05	0.10	Pass	
Chlorfenapyr	ND	0.05	0.10	Pass	
Chlorpyrifos	ND	0.02	0.08	Pass	
Coumaphos	ND	0.02	0.08	Pass	
Daminozide	ND	0.02	0.08	Pass	
Dichlorvos	ND	0.02	0.08	Pass	
Dimethoate	ND	0.02	0.08	Pass	
Ethiofop(hos)	ND	0.02	0.08	Pass	
Etofenprox	ND	0.02	0.08	Pass	
Fenoxycarb	ND	0.02	0.08	Pass	
Flupronil	ND	0.02	0.08	Pass	
Imazalil	ND	0.02	0.08	Pass	
Methiocarb	ND	0.02	0.08	Pass	
Methyl Parathion	ND	0.05	0.10	Pass	
Mevinphos	ND	0.02	0.08	Pass	
Paclobutrazol	ND	0.02	0.08	Pass	
Propoxur	ND	0.02	0.08	Pass	
Spiroxamine	ND	0.02	0.08	Pass	
Thiacloprid	ND	0.02	0.08	Pass	

Pesticide Screen Result - Category 2						California Limit - Non-Inhalable Cannabis
SOP: [BLW-PA] Method: LCMSMS ES/IGCMSMS Date Tested: 4/15/2020						
Target Analyte	PPM (ug/g)	LOD (ug/g)	LOQ (ug/g)	PPM (ug/g)	Pass/Fail	
Acephate	ND	0.02	0.08	5.0	Pass	
Acequinocyl	ND	0.02	0.08	4.0	Pass	
Acetamiprid	ND	0.02	0.08	5.0	Pass	
Avermectin B1a (Abamectin)	ND	0.02	0.08	0.3	Pass	
Avermectin B1b (Abamectin)	ND	0.10	0.20	0.3	Pass	
Azoxystrobin	ND	0.02	0.08	40.0	Pass	
Bifenazate	ND	0.02	0.08	5.0	Pass	
Bifenthrin	ND	0.02	0.08	0.5	Pass	
Boscalid	ND	0.02	0.08	10.0	Pass	
Captan	ND	0.12	0.20	5.0	Pass	
Carbaryl	ND	0.02	0.08	0.5	Pass	
Chlorantraniliprole	ND	0.02	0.08	40.0	Pass	
Clofentazine	ND	0.02	0.08	0.5	Pass	
Cyfluthrin	ND	0.02	0.10	1.0	Pass	
Cypermethrin	ND	0.05	0.10	1.0	Pass	
Diazinon	ND	0.02	0.08	0.2	Pass	
Dimethomorph	ND	0.02	0.08	20.0	Pass	
Etoazole	ND	0.02	0.08	1.5	Pass	
Fenhexamid	ND	0.02	0.08	10.0	Pass	
Fenproxiimate	ND	0.02	0.08	2.0	Pass	
Fonicamid	ND	0.02	0.08	2.0	Pass	
Fludioxonil	ND	0.02	0.08	30.0	Pass	
Hexythiazox	ND	0.02	0.08	2.0	Pass	
Imidacloprid	ND	0.02	0.08	3.0	Pass	
Kresoxim-methyl	ND	0.02	0.08	1.0	Pass	
Malathion	ND	0.02	0.08	5.0	Pass	
Metaxalyl	ND	0.02	0.08	15.0	Pass	
Methomyl	ND	0.02	0.08	0.1	Pass	
Myclobutanil	ND	0.02	0.08	9.0	Pass	
Naled	ND	0.02	0.08	0.5	Pass	
Oxamyl	ND	0.02	0.08	0.2	Pass	
Pentachloronitrobenzene	ND	0.05	0.10	0.2	Pass	
Permethrin, CIS-	ND	0.02	0.08	20.0	Pass	
Permethrin, Trans-	ND	0.02	0.08	20.0	Pass	
Phosmet	ND	0.02	0.08	0.2	Pass	
Piperonyl butoxide	ND	0.02	0.08	8.0	Pass	
Prallethrin	ND	0.02	0.08	0.4	Pass	
Propiconazole	ND	0.02	0.08	20.0	Pass	
Pyrethrins	ND	0.02	0.08	1.0	Pass	
Fyridaben	ND	0.02	0.08	3.0	Pass	
Spinetoram	ND	0.02	0.08	3.0	Pass	
Spinosyn A (Spinosad)	ND	0.02	0.08	3.0	Pass	
Spinosyn D (Spinosad)	ND	0.08	0.16	3.0	Pass	
Spiromesifen	ND	0.02	0.08	12.0	Pass	
Spirotetramat	ND	0.02	0.08	13.0	Pass	
Tebuconazole	ND	0.02	0.08	2.0	Pass	
Thiamethoxam	ND	0.02	0.08	4.5	Pass	
Trifloxystrobin	ND	0.02	0.08	30.0	Pass	



All results have accompanying LQC samples adhering to section 5730 of CA Code of Regulations Title 16
 ND = None Detected, NT = Not Tested, N/A = Not Applicable,
 <LOQ = Less than Limit of Quantitation, LOD = Limit of Detection