

Regulatory Compliance Testing

Sonoma Lab Works
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License: C8-0000015-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>12/17/2020</i>	Batch #:	<i>W113G201215</i>
Date Received:	<i>12/17/2020</i>	Dates of Analysis:	<i>12/18/2020 - 12/21/2020</i>

Sample Code:	<i>20C003713</i>
Sample Type:	<i>Non-Inhalable</i>
Sample Matrix:	<i>Extract (Non-Inhalable)</i>
Sample Name:	<i>Wonder 1-1 FECO Syringe 3g</i>
METRC Tag:	<i>1A4060300003124000000229</i>
Total Batch:	<i>1477 Units</i>
Primary Sample:	<i>13 Units</i>

Test Summary

Overall Batch Result	Pass	
Total Calculated d9-THC (%)	20.31	Pass
Total d9 THC (mg) per package	609.33	
Total Calculated CBD (%)	36.40	
Total CBD (mg) per package	1092.05	
Total Cannabinoids (%)	61.04	
Residual Solvents (Detect/No Detect)	Detect	Pass
Microbial Result (Pass/Fail)	ND	Pass
Pesticide Screen (Detect/No Detect)	Detect	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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12/21/2020

Date



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Regulatory Compliance Testing

Certificate of Analysis

V8.2.2
Revision: 3/28/19 DC

Potency Test Result

SOP: [BLW-CQ] Method: HPLC

Date Tested: 12/21/2020

Extract (Non-Inhalable)

Target Analyte	% Test	mg/g	LOD mg/g	LOQ mg/g	Pass/Fail
CBD	0.41	4.09	0.005	0.025	N/A
CBGA	ND	ND	0.005	0.025	N/A
CBG	1.52	15.15	0.005	0.025	N/A
CBD	36.04	360.43	0.005	0.025	N/A
THCV	0.18	1.85	0.005	0.025	N/A
CBN	0.53	5.29	0.005	0.025	N/A
THCA	ND	ND	0.005	0.025	Pass
Delta 9-THC (d9-THC)	20.31	203.11	0.005	0.025	Pass
Delta 8-THC (d8-THC)	ND	ND	0.005	0.025	N/A
CBC	2.05	20.49	0.005	0.025	N/A

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

Residual Solvent Screen - Category 1

SOP: [BLW-RS] Method: GC/MS

Date Tested: 12/21/2020

California Limit - All Products

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

SOP: [BLW-RS] Method: GC/MS

Date Tested: 12/21/2020

California Limit - Cannabis Product

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	838.19	1	10	5000	Pass
Ethyl acetate	ND	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	<LOQ	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

SOP: [BLW-MG] Method: Pathocheck V

Date Tested: 12/21/2020

California Limit

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

SOP: [BLW-MM] Method: ICP/MS

Date Tested: 12/18/2020

California Limit - Non-Inhalable Cannabis

Target Analyte	PPM	LOD (ug/g)	LOQ (ug/g)	PPM (ug/g)	Pass/Fail
Cadmium	ND	0.05	0.1	0.5	Pass
Lead	0.14	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

SOP: [BLW-MM] Method: LC/MS/MS

Date Tested: 12/21/2020

California Limit

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 #	W113G201215
Dates of Analysis:	12/18/2020 - 12/21/2020
Sample Name:	Wonder 1-1 FECCO Syringe 3g

Percent Moisture (%)	N/A	California Limit	N/A
Water Activity (Aw)	N/A		N/A
Foreign Material	ND	1/4 total sample area	Pass

Pesticide Screen Result - Category 1

SOP: [BLW-PA] Method: LC/MS/MS ES/IG/MS/MS

Date Tested: 12/21/2020

California Limit - All Products

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
Ethionex (hos)	ND	0.02	0.08	Pass
Etofenpro	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
Thiachlorid	ND	0.02	0.08	Pass

Pesticide Screen Result - Category 2

SOP: [BLW-PA] Method: LC/MS/MS ES/IG/MS/MS

Date Tested: 12/21/2020

California Limit - Non-Inhalable Cannabis

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	<LOQ	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	<LOQ	0.02	0.08	40.0	Pass
Bifenazate	<LOQ	0.02	0.08	5.0	Pass
Bifenthrin	<LOQ	0.02	0.08	0.5	Pass
Boscalid	<LOQ	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	<LOQ	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
Fenpyroximate	ND	0.02	0.08	2.0	Pass
Flonicamid	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	<LOQ	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
Metalaxyl	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
Pyridaben	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	0.02	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