

# Regulatory Compliance Testing

Sonoma Lab Works  
 1201 Corporate Center Parkway  
 Santa Rosa, CA 95407  
 Phone: (707)757-7757  
[www.sonomalabworks.com](http://www.sonomalabworks.com)



## SONOMA LABWORKS

License: C8-000015-LIC

### Certificate of Analysis

<b>Distributor:</b>	<i>Kind House Inc</i>	<b>Client:</b>	<i>CRFT Manufacturing</i>
<b>Distributor Address:</b>	<i>2765 Giffen Ave, Santa Rosa CA</i>	<b>Client Address:</b>	<i>2330 Circadian Way, Santa Rosa CA</i>
<b>Distributor License #:</b>	<i>C11-0000937-LIC</i>	<b>Client License #:</b>	<i>CDPH-10002270</i>
<b>Date Collected:</b>	<i>11/19/2020</i>	<b>Batch #:</b>	<i>20R009021</i>
<b>Date Received:</b>	<i>11/19/2020</i>	<b>Dates of Analysis:</b>	<i>11/20/2020 - 11/23/2020</i>

<b>Sample Code:</b>	<i>20C003498</i>
<b>Sample Type:</b>	<i>Non-Inhalable</i>
<b>Sample Matrix:</b>	<i>Topical</i>
<b>Sample Name:</b>	<i>CBD 1:1 Pain Cream</i>
<b>METRC Tag:</b>	<i>1A4060300001902000006865, 1A4060300001902000006866</i>
<b>Total Batch:</b>	<i>6157 Units</i>
<b>Primary Sample:</b>	<i>20 Units</i>

### Test Summary

Overall Batch Result	Pass	
Total Calculated d9-THC (mg/g)	5.37	Pass
Total d9 THC (mg) per package	NoCalc	
Total Calculated CBD (mg/g)	5.39	
Total CBD (mg) per package	NoCalc	
Total Cannabinoids (mg) per package	NoCalc	
Residual Solvents (Detect/No Detect)	ND	Pass
Microbial Result (Pass/Fail)	ND	Pass
Pesticide Screen (Detect/No Detect)	ND	Pass
Heavy Metals Screen (Detect/No Detect)	ND	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)	N/A

David Chen  
 Laboratory Director  
[david@sonomalabworks.com](mailto:david@sonomalabworks.com)

11/23/2020

Date



All results in this report apply to samples collected in accordance with CA Code of Regulations Title 16 Article 3. This report is generated by Sonoma Lab Works, LLC and contains confidential and/or legally privileged information from Sonoma Lab Works, LLC. If you are not the client listed in this report, or the client this report is issued to, you are hereby notified that any disclosure, copying, electronic dissemination, electronic archiving, or distribution of this information or the taking of any action in reliance on the contents of this report is strictly prohibited. Sonoma Lab Works, LLC cannot determine putative resulting hazards associated with materials submitted for analysis, and reserves the right to dispose. Sonoma Lab Works, LLC cannot assume responsibility for the effect or impact of field sampling methodologies and techniques as they can affect sample analyses. The client listed in this report is singularly responsible for all use, interpretation, and reliance of results contained within this report. Uncertainty measurements available upon request.

# Regulatory Compliance Testing

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

Potency Test Result		Topical			
SOP: [BLW-CC] Method: HPLC Date Tested: 11/23/2020					
Target Analyte	% Test	mg/g	LOD mg/g	LOQ mg/g	Pass/Fail
CBD	ND	ND	0.005	0.025	N/A
CBGA	ND	ND	0.005	0.025	N/A
CBG	0.02	0.23	0.005	0.025	N/A
CBD	0.54	5.39	0.005	0.025	N/A
THCV	0.00	0.05	0.005	0.025	N/A
CBN	0.06	0.60	0.005	0.025	N/A
THCA	ND	ND	0.005	0.025	Pass
Delta 9-THC (d9-THC)	0.54	5.37	0.005	0.025	Pass
Delta 8-THC (d8-THC)	0.01	0.10	0.005	0.025	N/A
CBC	0.01	0.14	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				California Limit - All Products
SOP: [BLW-RS] Method: GCMS Date Tested: 11/23/2020				
Target Analyte	PPM (ug/g)	LOD (ug/g)	LOQ (ug/g)	Pass/Fail
1,2-Dichloroethane	ND	1.0	1.0	Pass
Benzene	ND	1.0	1.0	Pass
Chloroform	ND	1.0	1.0	Pass
Ethylene oxide	ND	1.0	1.0	Pass
Methylene chloride	ND	1.0	1.0	Pass
Trichloroethylene	ND	1.0	1.0	Pass

Residual Solvent Screen - Category 2					California Limit - Cannabis Product
SOP: [BLW-RS] Method: GCMS Date Tested: 11/23/2020					
Target Analyte	PPM	LOD (ug/g)	LOQ (ug/g)	PPM (ug/g)	Pass/Fail
Acetone	ND	100.0	500.0	5000	Pass
Acetonitrile	ND	5.0	41.0	410	Pass
Butane	ND	100.0	1000.0	5000	Pass
Ethanol	ND	1.0	10.0	100000	Pass
Ethyl acetate	ND	100.0	500.0	5000	Pass
Ethyl ether	ND	100.0	500.0	5000	Pass
Heptane	ND	100.0	500.0	5000	Pass
Hexane	ND	1.0	29.0	290	Pass
Isopropyl Alcohol	ND	1.0	10.0	5000	Pass
Methanol	ND	100.0	300.0	3000	Pass
Pentane	ND	100.0	500.0	5000	Pass
Propane	ND	500.0	5000.0	5000	Pass
Toluene	ND	100.0	100.0	890	Pass
Total Xylenes	ND	1.0	10.0	2170	Pass

Microbial Screen			California Limit
SOP: [BLW-MG] qPCR PathoDEK 11 Date Tested: 11/23/2020			
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: 11/23/2020					
Target Analyte	PPM	LOD (ug/g)	LOQ (ug/g)	PPM (ug/g)	Pass/Fail
Cadmium	ND	0.05	0.1	0.5	Pass
Lead	ND	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: 11/23/2020						
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:	CRFT Manufacturing
Client Address:	2330 Circadian Way, Santa Rosa CA
Client License#:	CDPH-10002270
Batch #	20R009021
Date of Analysis:	11/20/2020 - 11/23/2020
Sample Name:	CBD 1:1 Pain Cream

Percent Moisture (%)	N/A	California Limit	N/A
SOP: [BLW-MO] Method: Analyze Date Tested:			
Water Activity (Aw)	N/A		N/A
SOP: [BLW-MA] A. Probe Date Tested:			
Foreign Material	ND	1/4 total sample area	Pass
SOP: [BLW-FM] Visual Inspection Date Tested: 11/20/2020			

Pesticide Screen Result - Category 1				California Limit - All Products
SOP: [BLW-PA] Method: LCMSMS ES/IGCMSMS Date Tested: 11/23/2020				
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
Ethionprop(hos)	ND	0.02	0.08	Pass
Etofenprox	ND	0.02	0.08	Pass
Fenoxycarb	ND	0.02	0.08	Pass
Fipronil	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: 11/23/2020					
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
Cyflotenzine	ND	0.02	0.08	0.5	Pass
Fluthrin	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
Fenproyoximate	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
Metaxyl	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