

Sample ID: CW46819S02

## CERTIFICATE OF ANALYSIS

CW ANALYTICAL LABORATORIES | 510.545.6984 | 851 81st Avenue, Suite D, Oakland, CA 94621 | License No. C8-0000077-LIC

## Sample Name: Red Moon CBD Pads - End

Client: alison

Sample Type: Other Noninhalable

Strain: Unknown

Product Weight: 0.37 g

Submitted: July 28, 2021

Tested: July 28, 2021

Expires: July 28, 2022

Submitted for: HPLC, Chemres, Micro,



## Profiling by Liquid Chromatography - Pass

HPLC [SOP-2050] | Date Performed: 2021-08-10

Cannabinoid	Percent	mg/g	Total mg	mg/svg	LOQ (mg/g)	LOD (mg/g)	L.C. <sup>1</sup>	Status
d9-THC	0.003	0.033	0.01	0.000	0.014	0.004	-	Pass
d8-THC	ND <sup>1</sup>	ND <sup>1</sup>	0.00	0.000	0.014	0.004	-	Pass
THCA	ND <sup>1</sup>	ND <sup>1</sup>	0.00	0.000	0.014	0.004	-	Pass
THCV	ND <sup>1</sup>	ND <sup>1</sup>	0.00	0.000	0.014	0.004	-	Pass
THCVA	ND <sup>1</sup>	ND <sup>1</sup>	0.00	0.000	0.014	0.004	-	Pass
CBC	ND <sup>1</sup>	ND <sup>1</sup>	0.00	0.000	0.014	0.004	-	Pass
CBG	ND <sup>1</sup>	ND <sup>1</sup>	0.00	0.000	0.014	0.004	-	Pass
CBGA	ND <sup>1</sup>	ND <sup>1</sup>	0.00	0.000	0.014	0.004	-	Pass
CBN	ND <sup>1</sup>	ND <sup>1</sup>	0.00	0.000	0.014	0.004	-	Pass
CBD	3.387	33.870	12.53	0.000	0.014	0.004	-	Pass
CBDV	0.007	0.067	0.02	0.000	0.014	0.004	-	Pass
CBDA	ND <sup>1</sup>	ND <sup>1</sup>	0.00	0.000	0.014	0.004	-	Pass
<b>Total</b>	<b>3.397</b>	<b>33.970</b>	<b>12.57</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>-</b>	<b>Pass</b>
<b>Total THC</b>	<b>0.003</b>	<b>0.033</b>	<b>0.01</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>Pass</b>
<b>Total CBD</b>	<b>3.387</b>	<b>33.870</b>	<b>12.53</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>Pass</b>

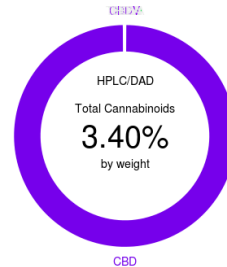
HPLC/DAD results are not moisture normalized.

~100% Decarboxylated THC

<sup>1</sup>L.C. = Label Claim in mg/g

Total THC = ((THCA\*0.877)+ d9-THC)

Total CBD = ((CBDA\*0.877)+ CBD)



## Microbiological Screening - Pass

Screening for microbiological contamination. [SOP-6010 (Asp), SOP-6060 (Sal), SOP-6070 (STEC) CONTINGENT upon request: SOP-6040 (petrifilm)] | Date Performed: 2021-07-30

	Analysis	Limit of Detection	Action Limits	Status
Pseudomonas	ND	< 1 cfu/g	1 cfu/g	N/A
APC	ND	< 1 cfu/g	100000 cfu/g	Pass
E. Coli	ND	< 1 cfu/g	10 cfu/g	Pass
Coliform	ND	< 1 cfu/g	500 cfu/g	Pass

\*TNTC = Too Numerous To Count

<sup>1</sup>ND = Not Detected

## Residual Solvent Analysis -

Analysis of residual solvents. GC-FID [SOP-2060] | Date Performed:

Solvent	ug/g	Action Limit (ug/g)	LOQ (ug/g)	LOD (ug/g)	Status
Benzene	NT				
Chloroform	NT				
1,2-Dichloroethane	NT				
Ethylene Oxide	NT				
Methylene Chloride	NT				
Trichloroethylene	NT				
Acetone	NT				
Acetonitrile	NT				
Ethanol	NT				
Ethyl Acetate	NT				
Diethyl ether	NT				
Heptane	NT				
Hexane	NT				
Isopropanol	NT				
Methanol	NT				
N-Butane	NT				
Pentane	NT				
Propane	NT				
Toluene	NT				
Total Xylenes	NT				

<sup>1</sup>ND = Not Detected

\*\*Client Limit is self-selected and will be replaced by official CA State limits when they become available

CW uses its best efforts to deliver high-quality results and to verify that the data contained therein are based on sound scientific judgment. However, CW makes no warranties or claims to that effect and further shall not be liable for any damage or misrepresentation that may result from the use or misuse of these data in any way. Further, CW makes no claims regarding the representativeness of the analyzed sample to the larger batch from which it was taken. The limit of liability accepted by CW Analytical is limited to the total amount invoiced for services provided. As part of our strict confidentiality policy, CW can only discuss results with the original client of record. Sample data reflect results at the time of testing. Results may vary with storage conditions over time. Per BCC regulations; cannabis goods that have not been transported to retail within 12 months of the date on this certificate of analysis must be destroyed or retested by the licensed distributor in possession of the cannabis goods. Comments? lab@cwanalytical.com



This sample was tested by CW Analytical Laboratories. Results are valid through the expiration date indicated.

*Robert W Martin, PhD*  
Robert W Martin, PhD

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## Chemical Residue Screening - Pass

Targeted analysis of chemical residues. [SOP-2011 (GC), SOP-2012 (LC)] | Date Performed: 2021-08-03

Targeted analysis of chemical residues (LOQ = 0.01 ug/g, LOD = 0.004 ug/g, Action Limit = 0.004 ug/g)						Targeted analysis of chemical residues (LOQ = 0.01 ug/g, LOD = 0.004 ug/g, Action Limit = 0.004 ug/g)					
	ug/g	LOQ (ug/g)	LOD (ug/g)	Action Limit (ug/g)	Status		ug/g	LOQ (ug/g)	LOD (ug/g)	Action Limit (ug/g)	Status
Abamectin	ND <sup>1</sup>	0.1	0.04	0.30	Pass	Fludioxonil	ND <sup>1</sup>	0.04	0.02	30.00	Pass
Acephate	ND <sup>1</sup>	0.01	0.004	5.00	Pass	Hexythiazox	ND <sup>1</sup>	0.01	0.004	2.00	Pass
Acequinocyl	ND <sup>1</sup>	0.04	0.02	4.00	Pass	Imazalil	ND <sup>1</sup>	0.01	0.004	0.004	Pass
Acetamiprid	ND <sup>1</sup>	0.01	0.004	5.00	Pass	Imidacloprid	ND <sup>1</sup>	0.01	0.004	3.00	Pass
Aldicarb	ND <sup>1</sup>	0.01	0.004	0.004	Pass	Kresoxim-methyl	ND <sup>1</sup>	0.04	0.02	1.00	Pass
Azoxystrobin	ND <sup>1</sup>	0.01	0.004	40.00	Pass	Malathion	ND <sup>1</sup>	0.01	0.004	5.00	Pass
Bifenazate	ND <sup>1</sup>	0.04	0.02	5.00	Pass	Metalaxyl	ND <sup>1</sup>	0.01	0.004	15.00	Pass
Bifenthrin	ND <sup>1</sup>	0.04	0.02	0.50	Pass	Methiocarb	ND <sup>1</sup>	0.01	0.004	0.004	Pass
Boscalid	ND <sup>1</sup>	0.01	0.004	10.00	Pass	Methomyl	ND <sup>1</sup>	0.04	0.02	0.10	Pass
Captan	ND <sup>1</sup>	0.4	0.1	5.00	Pass	Mevinphos	ND <sup>1</sup>	0.04	0.02	0.02	Pass
Carbaryl	ND <sup>1</sup>	0.01	0.004	0.50	Pass	Myclobutanil	ND <sup>1</sup>	0.04	0.02	9.00	Pass
Carbofuran	ND <sup>1</sup>	0.01	0.004	0.004	Pass	Naled	ND <sup>1</sup>	0.01	0.004	0.50	Pass
Chlorantraniliprole	ND <sup>1</sup>	0.01	0.004	40.00	Pass	Oxamyl	ND <sup>1</sup>	0.04	0.02	0.20	Pass
Chlordane	ND <sup>1</sup>	0.1	0.05	0.05	Pass	Paclobutrazol	ND <sup>1</sup>	0.01	0.004	0.004	Pass
Chlorfenapyr	ND <sup>1</sup>	0.1	0.05	0.05	Pass	Parathion methyl	ND <sup>1</sup>	0.2	0.1	0.1	Pass
Chlorpyrifos	ND <sup>1</sup>	0.2	0.1	0.1	Pass	PCNB	ND <sup>1</sup>	0.1	0.05	0.20	Pass
Clofentezine	ND <sup>1</sup>	0.04	0.02	0.50	Pass	Permethrin	ND <sup>1</sup>	0.04	0.02	20.00	Pass
Coumaphos	ND <sup>1</sup>	0.01	0.004	0.004	Pass	Phosmet	ND <sup>1</sup>	0.01	0.004	0.20	Pass
Cyfluthrin	ND <sup>1</sup>	0.2	0.1	1.00	Pass	Piperonyl butoxide	ND <sup>1</sup>	0.01	0.004	8.00	Pass
Cypermethrin	ND <sup>1</sup>	0.2	0.1	1.00	Pass	Prallethrin	ND <sup>1</sup>	0.04	0.02	0.40	Pass
Daminozide	ND <sup>1</sup>	0.04	0.02	0.02	Pass	Propiconazole	ND <sup>1</sup>	0.04	0.02	20.00	Pass
Diazinon	ND <sup>1</sup>	0.01	0.004	0.20	Pass	Propoxur	ND <sup>1</sup>	0.02	0.01	0.01	Pass
Dichlorvos	ND <sup>1</sup>	0.01	0.01	0.01	Pass	Pyrethrin	ND <sup>1</sup>	0.04	0.01	1.00	Pass
Dimethoate	ND <sup>1</sup>	0.01	0.004	0.004	Pass	Pyridaben	ND <sup>1</sup>	0.01	0.004	15.00	Pass
Dimethomorph	ND <sup>1</sup>	0.01	0.004	20.00	Pass	Spinetoram	ND <sup>1</sup>	0.01	0.004	3.00	Pass
Ethoprophos	ND <sup>1</sup>	0.02	0.01	0.01	Pass	Spinosad	ND <sup>1</sup>	0.01	0.004	3.00	Pass
Etofenprox	ND <sup>1</sup>	0.01	0.004	0.004	Pass	Spiromesifen	ND <sup>1</sup>	0.01	0.004	12.00	Pass
Etoxazole	ND <sup>1</sup>	0.01	0.004	1.50	Pass	Spirotetramat	ND <sup>1</sup>	0.01	0.004	13.00	Pass
Fenhexamid	ND <sup>1</sup>	0.04	0.02	10.00	Pass	Spiroxamine	ND <sup>1</sup>	0.01	0.004	0.004	Pass
Fenoxycarb	ND <sup>1</sup>	0.01	0.004	0.004	Pass	Tebuconazole	ND <sup>1</sup>	0.01	0.004	2.00	Pass
Fenpyroximate	ND <sup>1</sup>	0.04	0.02	2.00	Pass	Thiacloprid	ND <sup>1</sup>	0.01	0.004	0.004	Pass
Fipronil	ND <sup>1</sup>	0.01	0.004	0.004	Pass	Thiamethoxam	ND <sup>1</sup>	0.01	0.004	4.50	Pass
Fonicamid	ND <sup>1</sup>	0.01	0.004	0.20	Pass	Trifloxystrobin	ND <sup>1</sup>	0.01	0.004	30.00	Pass

\*ND = Not Detected

NT = Not Tested

## Heavy Metals Profiling - Pass

Analysis of Heavy Metals. ICP-MS [SOP-2020] | Date Performed: 2021-08-02

	ug/g	LOQ(ug/g)	LOD(ug/g)	Action Limit (ug/g)	Status
Cadmium	ND <sup>1</sup>	0.04	0.01	0.5	Pass
Lead	ND <sup>1</sup>	0.04	0.01	0.5	Pass
Arsenic	<LOQ	0.07	0.02	1.5	Pass
Mercury	ND <sup>1</sup>	0.05	0.02	3.0	Pass

\*ND = Not Detected

## Water Activity -

Analysis to determine water activity Water Activity Meter [SOP-4070] | Date Performed:

Aw	Action Limit (Aw)	Status

## Foreign Material Analysis -

Analysis to determine whether foreign material is present [SOP-2020] | Date Performed:

Analysis	Status

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