

CERTIFICATE OF ANALYSIS



Vera herbals llc 1910 Airport Rd Rifle, Colorado 81650 970-456-9333 405R-00016.53

Name: Type: ID: Batch ID:

METRC Tag:

Life Research CBG Rosin Concentrates & Extracts 211203675.26841 1221R

1A4000B00012FE9000002680

REPORTED: 12/17/2021

RECEIVED: 12/14/2021 TESTED: 12/14/2021

ANALYTE	LOD	LOQ	MU	AMOUNT	AMOUNT	% CANNABINOIDS
	%	%	mg/unit	mg/g	%	
THCa	0.2155	0.431	0.095	9.45	0.945	
D9-THC	0.2155	0.431	0.000	<l0q< th=""><th><l0q< th=""><th></th></l0q<></th></l0q<>	<l0q< th=""><th></th></l0q<>	
D8-THC	0.2155	0.431	0.000	<lod< th=""><th><lod< th=""><th></th></lod<></th></lod<>	<lod< th=""><th></th></lod<>	
CBDa	0.2155	0.431	1.362	136.23	13.623	
CBD	0.2155	0.431	0.173	17.3	1.730	1
CBDVa	0.1005	0.201	0.027	2.7	0.2 <mark>70</mark>	
CBDV	0.1005	0.201	0.000	<lod< th=""><th><lod< th=""><th></th></lod<></th></lod<>	<lod< th=""><th></th></lod<>	
CBN	0.1005	0.201	0.000	<lod< th=""><th><lod< th=""><th></th></lod<></th></lod<>	<lod< th=""><th></th></lod<>	
CBGa	0.1005	0.201	4.473	447.3	44.730	
CBG	0.1005	0.201	0.494	49.38	4.938	
CBCa	0.1005	0.201	0.224	22.42	2.242	
CBC	0.1005	0.201	0.000	<lod< th=""><th><lod< th=""><th></th></lod<></th></lod<>	<lod< th=""><th></th></lod<>	
CBL	0.1005	0.201	0.000	<lod< th=""><th><lod< th=""><th></th></lod<></th></lod<>	<lod< th=""><th></th></lod<>	
Sur	n of Measure	d Cannab <mark>ino</mark>	684.780	68.478		



ANALYTE	TOTAL*
THC	1.13%
CBD	13.68%
CBG	44.17%
CBDV	0.24%

*Total is the sum of the neutral (active) cannabinoid and the completely converted acidic cannabinoid

LOD = Limit of Detection, LOQ = Limit of Quantification, ND = Not Detected, NR = Not Reported

NOTES AND INTERPRETATIONS

Analyzed via AAM-001 using Agilent 1220 HPLC-DAD. Limits are based on CO 6 CCR 1010-21. Sample was analyzed as received. Deviations from SOP: None.



Results Analyzed By: Tyler Dorsey Associate Chemist



Results Approved By: Luke Mason, MS Lab Director











CERTIFICATE OF ANALYSIS MICROBIAL CONTAMINANT



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ANALYTE	LOQ	LIMIT	AMOUNT	STATUS
	CFU/g	CFU/g	CFU/g	
STEC	1	1	Absent	Pass
Salmonella	1	1	Absent	Pass
Yeast & Mold	100	1000	100	Pass

LOD = Limit of Detection, LOQ = Limit of Quantification, ND = Not Detected, CFU/g = Colony Forming Units per Gram, NR = Not Reported



NOTES AND INTERPRETATIONS

Analyzed via AAM-003 & AAM-007. Limits are based on CO 6 CCR 1010-21. Sample was analyzed as received. Deviations from SOP: 1 gram tested for STEC and Salmonella.



Results Analyzed By: Hector Caldera Supervisory Analyst



Results Approved By: Colleen Rafferty Associate Microbiologist











CERTIFICATE OF ANALYSIS PESTICIDES



RECEIVED: 12/14/2021

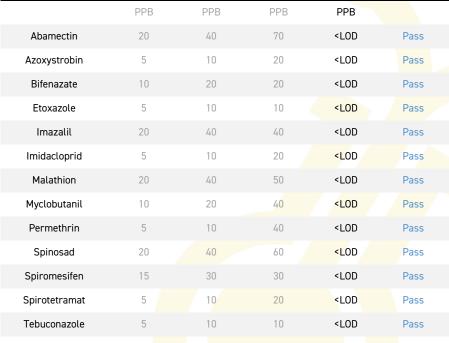
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REPORTED: 12/17/2021 TESTED: 12/14/2021

ANALYTE	LOD	LOQ	LIMIT	AMOUNT	STATUS
	PPB	PPB	PPB	PPB	
Abamectin	20	40	70	<lod< th=""><th>Pass</th></lod<>	Pass
Azoxystrobin	5	10	20	<lod< th=""><th>Pass</th></lod<>	Pass
Bifenazate	10	20	20	<lod< th=""><th>Pass</th></lod<>	Pass
Etoxazole	5	10	10	<lod< th=""><th>Pass</th></lod<>	Pass
Imazalil	20	40	40	<lod< th=""><th>Pass</th></lod<>	Pass
Imidacloprid	5	10	20	<lod< th=""><th>Pass</th></lod<>	Pass
Malathion	20	40	50	<lod< th=""><th>Pass</th></lod<>	Pass
Myclobutanil	10	20	40	<lod< th=""><th>Pass</th></lod<>	Pass
Permethrin	5	10	40	<lod< th=""><th>Pass</th></lod<>	Pass
Spinosad	20	40	60	<lod< th=""><th>Pass</th></lod<>	Pass
Spiromesifen	15	30	30	<lod< th=""><th>Pass</th></lod<>	Pass
Spirotetramat	5	10	20	<lod< th=""><th>Pass</th></lod<>	Pass
Tebuconazole	5	10	10	<lod< th=""><th>Pass</th></lod<>	Pass





NOTES AND INTERPRETATIONS

Analyzed via AAM-008 using Agilent 1260 HPLC and Agilent 6430 MS. Limits are based on CO 1 CCR 212-3. Sample was analyzed as received. Deviations from SOP: None.

LOD = Limit of Detection, LOQ = Limit of Quantification, ND = Not Detected, NR = Not Reported

Results Analyzed By: Trey Murschell, PhD Senior Chemist

Results Approved By: Luke Mason, MS Lab Director











CERTIFICATE OF ANALYSIS HEAVY METALS



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T<mark>ESTED: 12/14/2021 REPORTED: 12/17/2021</mark>

ANALYTE	LOD	LOQ	LIMIT	AMOUNT	STATUS
	PPM	PPM	PPM	PPM	
Arsenic	0.015	0.03	0.2	<lod< th=""><th>Pass</th></lod<>	Pass
Cadmium	0.015	0.03	0.2	0.043	Pass
Lead	0.015	0.03	0.5	0.110	Pass
Mercury	0.015	0.03	0.1	<lod< th=""><th>Pass</th></lod<>	Pass





NOTES AND INTERPRETATIONS

Analyzed via AAM-010 using Agilent 7800 ICP-MS. Limits are based on CO 1 CCR 212-3. Sample was analyzed as recieved. Deviations from SOP: None.







Results Approved By: Tyler Dorsey Associate Chemist











CERTIFICATE OF ANALYSIS RESIDUAL SOLVENTS



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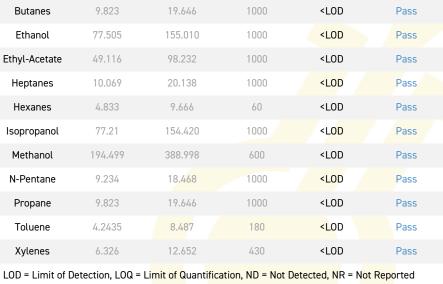
TESTED: 12/14/2021

Life Research CBG Rosin Concentrates & Extracts 211203675.26841 1221R

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REPORTED: 12/17/2021

ANALYTE	LOD	LOQ	LIMIT	AMOUNT	STATUS
	PPM	PPM	PPM	PPM	
Acetone	77.014	154.028	1000	165.62	Pass
Benzene	0.4735	0.947	2	<lod< th=""><th>Pass</th></lod<>	Pass
Butanes	9.823	19.646	1000	<lod< th=""><th>Pass</th></lod<>	Pass
Ethanol	77.505	155.010	1000	<lod< th=""><th>Pass</th></lod<>	Pass
Ethyl-Acetate	49.116	98.232	1000	<lod< th=""><th>Pass</th></lod<>	Pass
Heptanes	10.069	20.138	1000	<lod< th=""><th>Pass</th></lod<>	Pass
Hexanes	4.833	9.666	60	<lod< th=""><th>Pass</th></lod<>	Pass
Isopropanol	77.21	154.420	1000	<lod< th=""><th>Pass</th></lod<>	Pass
Methanol	194.499	388.998	600	<lod< th=""><th>Pass</th></lod<>	Pass
N-Pentane	9.234	18.468	1000	<lod< th=""><th>Pass</th></lod<>	Pass
Propane	9.823	19.646	1000	<lod< th=""><th>Pass</th></lod<>	Pass
Toluene	4.2435	8.487	180	<lod< th=""><th>Pass</th></lod<>	Pass
Xylenes	6.326	12.652	430	<lod< th=""><th>Pass</th></lod<>	Pass





NOTES AND INTERPRETATIONS

Analyzed via AAM-002 using Agilent 7697/7890 Headspace GC FID. Limits are based on CO 6 CCR 1010-21. Sample was analyzed as received. Deviations from SOP: None.



Results Analyzed By: Tyler Dorsey Associate Chemist

Results Approved By: Trey Murschell, PhD Senior Chemist











CERTIFICATE OF ANALYSIS MYCOTOXINS



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1A4000B00012FE9000002680

T<mark>ESTED: 12/14/2021 REPORTED: 12/17/2021</mark>

ANALYTE	LOD	LOQ	LIMIT	AMOUNT	STATUS
	PPB	PPB	PPB	PPB	
B1	2.5	5	0	<lod< th=""><th>Tested</th></lod<>	Tested
B2	2.5	5	0	<lod< th=""><th>Tested</th></lod<>	Tested
G1	2.5	5	0	<lod< th=""><th>Tested</th></lod<>	Tested
G2	2.5	5	0	<lod< th=""><th>Tested</th></lod<>	Tested
Total Aflatoxins	2.5	5	20	<lod< th=""><th>Pass</th></lod<>	Pass
Ochratoxin A	2.5	5	20	<lod< th=""><th>Pass</th></lod<>	Pass





NOTES AND INTERPRETATIONS

Analyzed via AAM-004 using Agilent 1260 HPLC and Agilent 6430 MS. Limits are based on CO 1 CCR 212-3. Sample was analyzed as received. Deviations from SOP: None







Results Approved By: Luke Mason, MS Lab Director







