



Report Number: 22-013266/D006.R003

Report Date: 11/09/2022 **ORELAP#:** OR100028

Purchase Order:

Received: 10/28/22 13:10

This is an amended version of report# 22-013266/D006.R002. Reason: Updated reporting units.

Customer: R&R

Product identity: R&R 1000mg Full Spectrum Cream - Lot 3103

Client/Metrc ID:

Laboratory ID: 22-013266-0002

Summary

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P	ni	te	n	CI	•	•

					
Analyte per 2.7g	Result	Limits	Units	Status	CBD-Total per Serving Size 34.8 mg/2.7g
CBC per 2.7g	1.19		mg/2.7g		
CBD per 2.7g	34.0		mg/2.7g		4.00 /0.7:
CBD-A per 2.7g	0.886		mg/2.7g		THC-Total per Serving Size 1.36 mg/2.7g
CBDV per 2.7g	0.134		mg/2.7g		
CBG per 2.7g	0.543		mg/2.7g		CBD-Total per Serving Size 1040 mg/81g
CBN per 2.7g	0.113		mg/2.7g		
CBT per 2.7g	0.637		mg/2.7g		<u> </u>
Δ9-THC per 2.7g	1.36		mg/2.7g		THC-Total per Serving Size 40.7 mg/81g
Analyte per 81g	Result	Limits	Units	Status	(Reported in milligrams per serving)
CBC per 81g	35.6		mg/81g		
CBD per 81g	1020		mg/81g		
CBD-A per 81g	26.6		mg/81g		
CBDV per 81g	4.03		mg/81g		
CBG per 81g	16.3		mg/81g		
CBN per 81g	3.39		mg/81g		
CBT per 81g	19.1		mg/81g		
Δ9-THC per 81g	40.7		mg/81g		

Residual Solvents:

All analytes passing and less than LOQ.

Pesticides:

All analytes passing and less than LOQ.

Terpenes:

Less than LOQ for all analytes.

Metals:

Less than LOQ for all analytes.





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Purchase Order:

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Customer: R&R

United States of America (USA)

Product identity: R&R 1000mg Full Spectrum Cream - Lot 3103

Client/Metrc ID:

Sample Date:

Serving Size #2:

Laboratory ID: 22-013266-0002

81 g

Evidence of Cooling:NoTemp:18.8 °CRelinquished by:uspsServing Size #1:2.7 g

Sample Results

Potency per 2.7g	Method: J AOAC 2015 V	98-6 (mod) ^þ	Units mg/se Bat	tch: 2209356	Analyze: 11/1/22 4:37:00 AM
Analyte	Result	Limits	Units	LOQ	Notes
CBC per 2.7g	1.19		mg/2.7g	0.0857	
CBC-A per 2.7g	< LOQ		mg/2.7g	0.0803	
CBC-Total per 2.7g	1.19		mg/2.7g	0.161	
CBD per 2.7g	34.0		mg/2.7g	0.857	
CBD-A per 2.7g	0.886		mg/2.7g	0.0857	
CBD-Total per 2.7g	34.8		mg/2.7g	0.932	
CBDV per 2.7g	0.134		mg/2.7g	0.0857	
CBDV-A per 2.7g	< LOQ		mg/2.7g	0.0803	
CBDV-Total per 2.7g	< LOQ		mg/2.7g	0.160	
CBE per 2.7g	< LOQ		mg/2.7g	0.0803	
CBG per 2.7g	0.543		mg/2.7g	0.0857	
CBG-A per 2.7g	< LOQ		mg/2.7g	0.0803	
CBG-Total per 2.7g	0.543		mg/2.7g	0.160	
CBL per 2.7g	< LOQ		mg/2.7g	0.0803	
CBL-A per 2.7g	< LOQ		mg/2.7g	0.0803	
CBL-Total per 2.7g	< LOQ		mg/2.7g	0.151	
CBN per 2.7g	0.113		mg/2.7g	0.0857	
CBT per 2.7g	0.637		mg/2.7g	0.0857	
$\Delta 8$ -THCV per 2.7g	< LOQ		mg/2.7g	0.0803	
$\Delta 10$ -THC per 2.7g	< LOQ		mg/2.7g	0.0803	
$\Delta 8$ -THC per 2.7g	< LOQ		mg/2.7g	0.0803	
$\Delta 9$ -THC per 2.7g	1.36		mg/2.7g	0.0857	
exo-THC per 2.7g	< LOQ		mg/2.7g	0.0803	
THC-A per 2.7g	< LOQ		mg/2.7g	0.0803	
THC-Total per 2.7g	1.36		mg/2.7g	0.161	
THCV per 2.7g	< LOQ		mg/2.7g	0.0803	
THCV-A per 2.7g	< LOQ		mg/2.7g	0.0803	
THCV-Total per 2.7g	< LOQ		mg/2.7g	0.151	
Total Cannabinoids per 2.7	7g 38.9		mg/2.7g		

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22-013266/D006.R003

ORELAP#:

OR100028

Purchase Order:

Potency per 81g	Method: J AOAC 2015 \	/98-6 (mod) ^þ	Units mg/se Bat	ch: 2209356	Analyze: 11/1/22 4:37:00 AM
Analyte	Result	Limits	Units	LOQ	Notes
CBC per 81g	35.6		mg/81g	2.57	
CBC-A per 81g	< LOQ		mg/81g	2.41	
CBC-Total per 81g	35.6		mg/81g	4.83	
CBD per 81g	1020		mg/81g	25.7	
CBD-A per 81g	26.6		mg/81g	2.57	
CBD-Total per 81g	1040		mg/81g	28.0	
CBDV per 81g	4.03		mg/81g	2.57	
CBDV-A per 81g	< LOQ		mg/81g	2.41	
CBDV-Total per 81g	< LOQ		mg/81g	4.80	
CBE per 81g	< LOQ		mg/81g	2.41	
CBG per 81g	16.3		mg/81g	2.57	
CBG-A per 81g	< LOQ		mg/81g	2.41	
CBG-Total per 81g	16.3		mg/81g	4.80	
CBL per 81g	< LOQ		mg/81g	2.41	
CBL-A per 81g	< LOQ		mg/81g	2.41	
CBL-Total per 81g	< LOQ		mg/81g	4.53	
CBN per 81g	3.39		mg/81g	2.57	
CBT per 81g	19.1		mg/81g	2.57	
∆8-THCV per 81g	< LOQ		mg/81g	2.41	
$\Delta 10$ -THC per 81g	< LOQ		mg/81g	2.41	
∆8-THC per 81g	< LOQ		mg/81g	2.41	
Δ9-THC per 81g	40.7		mg/81g	2.57	
exo-THC per 81g	< LOQ		mg/81g	2.41	
THC-A per 81g	< LOQ		mg/81g	2.41	
THC-Total per 81g	40.7		mg/81g	4.83	
THCV per 81g	< LOQ		mg/81g	2.41	
THCV-A per 81g	< LOQ		mg/81g	2.41	
THCV-Total per 81g	< LOQ		mg/81g	4.53	
Total Cannabinoids per 81	g 1170		mg/81g		



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Purchase Order:

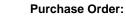
Solvents	Method:	Residua	I Solve	ents by G	GC/MS ^þ	Units µg/g	Batch 22	09454	Analyz	:e 11/0	03/22 02:23 PM
Analyte	Result	Limits	LOQ	Status N	Notes	Analyte		Result	Limits	LOQ	Status Notes
2-Methylbutane (Isopentane)	< LOQ	1000	200	pass		2-Methylpentane	е	< LOQ	60.0	30.0	pass
2-Propanol (IPA)¥	< LOQ	1000	200	pass		2,2-Dimethylbut	ane	< LOQ	6.00	30.0	pass
2,2-Dimethylpropane (neo-pentane)	< LOQ	1000	200	pass		2,3-Dimethylbut	ane	< LOQ	60.0	30.0	pass
3-Methylpentane	< LOQ	60.0	30.0	pass		Acetone*		< LOQ	1000	200	pass
Benzene [¥]	< LOQ	2.00	1.00	pass		Butanes (sum)		< LOQ	1000	400	pass
Ethanol [¥]	< LOQ	1000	200	pass		Ethyl acetate¥		< LOQ	1000	200	pass
Hexanes (sum)	< LOQ	60.0	150	pass		m,p-Xylene		< LOQ	430	200	pass
Methanol*	< LOQ	600	200	pass		Methylpropane (Isobutane)		< LOQ	1000	200	pass
n-Butane*	< LOQ	1000	200	pass		n-Heptane¥		< LOQ	1000	200	pass
n-Hexane*	< LOQ	60.0	30.0	pass		n-Pentane¥		< LOQ	1000	200	pass
o-Xylene	< LOQ	430	200	pass		Pentanes (sum)		< LOQ	1000	600	pass
Propane [¥]	< LOQ	1000	200	pass		Toluene¥		< LOQ	180	100	pass
Total Xylenes*	< LOQ	430	400	pass							



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Report Number:

22-013266/D006.R003



Pesticides	Method: AO	AC 2007.01 & EN 15662	(mod) Units mg/kg Batch	2209415	Analyze 11/02/22 03:26 PM
Analyte	Result	Limits LOQ Status N	otes Analyte	Result	Limits LOQ Status Notes
Abamectin	< LOQ	0.25 0.070 pass	Acephate	< LOQ	0.050 0.020 pass
Acequinocyl	< LOQ	0.030 0.025 pass	Acetamiprid	< LOQ	0.050 0.050 pass
Aldicarb	< LOQ	0.50 0.100 pass	Allethrin	< LOQ	0.10 0.100 pass
Atrazine	< LOQ	0.0250 0.025 pass	Azadirachtin	< LOQ	1.0 0.500 pass
Azoxystrobin	< LOQ	0.010 0.010 pass	Benzovindiflupyr	< LOQ	0.010 0.010 pass
Bifenazate	< LOQ	0.010 0.010 pass	Bifenthrin	< LOQ	1.0 0.100 pass
Boscalid	< LOQ	0.010 0.010 pass	Buprofezin	< LOQ	0.020 0.010 pass
Carbaryl	< LOQ	0.025 0.025 pass	Carbofuran	< LOQ	0.010 0.010 pass
Chlorantraniliprole	< LOQ	0.020 0.010 pass	Chlorfenapyr	< LOQ	1.5 0.100 pass
Chlorpyrifos	< LOQ	0.50 0.010 pass	Clofentezine	< LOQ	0.010 0.010 pass
Clothianidin	< LOQ	0.025 0.025 pass	Coumaphos	< LOQ	0.010 0.010 pass
Cyantraniliprole	< LOQ	0.010 0.010 pass	Cyfluthrin	< LOQ	0.20 0.200 pass
Cyhalothrin,lambda	< LOQ	0.0200 0.250 pass	Cypermethrin	< LOQ	0.30 0.300 pass
Cyprodinil	< LOQ	0.010 0.010 pass	Daminozide	< LOQ	0.10 0.050 pass
Deltamethrin	< LOQ	0.50 0.500 pass	Diazinon	< LOQ	0.020 0.010 pass
Dichlorvos	< LOQ	0.050 0.050 pass	Dimethoate	< LOQ	0.010 0.010 pass
Dimethomorph	< LOQ	0.050 0.050 pass	Dinotefuran	< LOQ	0.050 0.050 pass
Diuron	< LOQ	0.125 0.125 pass	Dodemorph	< LOQ	0.050 0.050 pass
Endosulfan I (alpha)	< LOQ	2.5 0.050 pass	Endosulfan II (beta)	< LOQ	2.5 0.050 pass
ndosulfan sulfate	< LOQ	2.5 0.050 pass	Ethoprophos	< LOQ	0.010 0.010 pass
tofenprox	< LOQ	0.050 0.010 pass	Etoxazole	< LOQ	0.020 0.010 pass
tridiazole	< LOQ	0.15 0.050 pass	Fenhexamid	< LOQ	0.13 0.100 pass
enoxycarb	< LOQ	0.010 0.010 pass	Fenpyroximate	< LOQ	0.020 0.020 pass
ensulfothion	< LOQ	0.010 0.010 pass	Fenthion	< LOQ	0.010 0.010 pass
envalerate	< LOQ	0.200	Fipronil	< LOQ	0.010 0.010 pass
lonicamid	< LOQ	0.025 0.025 pass	Fludioxonil	< LOQ	0.010 0.010 pass
luopyram	< LOQ	0.010 0.010 pass	Hexythiazox	< LOQ	0.010 0.010 pass
mazalil	< LOQ	0.010 0.010 pass	Imidacloprid	< LOQ	0.010 0.010 pass
orodione	< LOQ	0.50 0.500 pass	Kinoprene	< LOQ	1.3 0.200 pass
(resoxim-methyl	< LOQ	0.15 0.010 pass	Malathion	< LOQ	0.010 0.010 pass
Metalaxyl	< LOQ	0.010 0.010 pass	Methiocarb	< LOQ	0.010 0.010 pass
/lethomyl	< LOQ	0.025 0.025 pass	Methoprene	< LOQ	2.0 1.00 pass
/levinphos	< LOQ	0.025 0.025 pass	MGK-264	< LOQ	0.050 0.050 pass
/lyclobutanil	< LOQ	0.010 0.010 pass	Naled	< LOQ	0.10 0.100 pass
lovaluron	< LOQ	0.025 0.025 pass	Oxamyl	< LOQ	1.5 0.500 pass
Paclobutrazole	< LOQ	0.010 0.010 pass	Parathion-Methyl	< LOQ	0.050 0.030 pass
ermethrin	< LOQ	0.50 0.040 pass	Phenothrin	< LOQ	0.050 0.025 pass
hosmet	< LOQ	0.020 0.010 pass	Piperonyl butoxide	< LOQ	1.3 0.200 pass
ririmicarb	< LOQ	0.010 0.010 pass	Prallethrin	< LOQ	0.050 0.050 pass
ropiconazole	< LOQ	0.10 0.010 pass	Propoxur	< LOQ	0.010 0.010 pass
yraclostrobin	< LOQ	0.010 0.010 pass	Pyrethrins (total)	< LOQ	0.050 0.025 pass
Pyridaben	< LOQ	0.020 0.020 pass	Pyriproxyfen	< LOQ	0.0100 0.010 pass
Quintozene	< LOQ	0.020 0.020 pass	Resmethrin	< LOQ	0.050 0.020 pass
Spinetoram	< LOQ	0.010 0.010 pass	Spinosad	< LOQ	0.010 0.010 pass
Spirodiclofen	< LOQ	0.25 0.250 pass	Spiromesifen	< LOQ	3.0 0.030 pass
Spirotetramat	< LOQ	0.010 0.010 pass	Spiroxamine	< LOQ	0.10 0.010 pass





22-013266/D006.R003 **Report Number:**

Report Date: 11/09/2022 ORELAP#: OR100028

Purchase Order:

Pesticides	Method: AO	AC 2007.01 & EN 15662 (mod)	Units mg/kg Batch	2209415	Analyze 11/02/22 03:26 PM		
Analyte	Result	Limits LOQ Status Notes	Analyte	Result	Limits LOQ Status Notes		
Tebuconazole	< LOQ	0.010 0.010 pass	Tebufenozide	< LOQ	0.010 0.010 pass		
Teflubenzuron	< LOQ	0.025 0.025 pass	Tetrachlorvinphos	< LOQ	0.010 0.010 pass		
Tetramethrin	< LOQ	0.10 0.050 pass	Thiacloprid	< LOQ	0.010 0.010 pass		
Thiamethoxam	< LOQ	0.010 0.010 pass	Thiophanate-Methyl	< LOQ	0.050 0.030 pass		
Trifloxystrobin	< LOQ	0.010 0.010 pass					

Terpenes	Method:	J AOAC	2015 V98-6		Units %	Batch 2209478	Analyz	ze 11/02/22 06:07 PM
Analyte	Result	LOQ	% of Total	Notes	Analyte	Result	LOQ	% of Total Notes
Geraniol	< LOQ	0.019	0.00%		farnesene	< LOQ	0.019	0.00%
(-)-Guaiol	< LOQ	0.019	0.00%		(+)-Cedrol	< LOQ	0.019	0.00%
Sabinene hydrate	< LOQ	0.019	0.00%		valencene	< LOQ	0.019	0.00%
Geranyl acetate	< LOQ	0.019	0.00%		(±)-cis-Nerolido	ol < LOQ	0.019	0.00%
a-Bisabolol	< LOQ	0.019	0.00%		(-)-a-Terpineol	< LOQ	0.019	0.00%
(-)-caryophyllene oxide	< LOQ	0.019	0.00%		(-)-Isopulegol	< LOQ	0.019	0.00%
(-)-ß-Pinene	< LOQ	0.019	0.00%		(+)-Borneol	< LOQ	0.019	0.00%
(+)-fenchol	< LOQ	0.019	0.00%		(+)-Pulegone	< LOQ	0.019	0.00%
(±)-Camphor	< LOQ	0.019	0.00%		(±)-fenchone	< LOQ	0.019	0.00%
(±)-trans-Nerolidol	< LOQ	0.019	0.00%		(R)-(+)-Limone	ene < LOQ	0.019	0.00%
a-cedrene	< LOQ	0.019	0.00%		a-phellandrene	< LOQ	0.019	0.00%
a-pinene	< LOQ	0.019	0.00%		a-Terpinene	< LOQ	0.019	0.00%
Camphene	< LOQ	0.019	0.00%		cis-ß-Ocimene	< LOQ	0.006	0.00%
d-3-Carene	< LOQ	0.019	0.00%		Eucalyptol	< LOQ	0.019	0.00%
gamma-Terpinene	< LOQ	0.019	0.00%		Humulene	< LOQ	0.019	0.00%
Isoborneol	< LOQ	0.019	0.00%		Linalool	< LOQ	0.019	0.00%
Menthol	< LOQ	0.019	0.00%		nerol	< LOQ	0.019	0.00%
p-Cymene	< LOQ	0.019	0.00%		Sabinene	< LOQ	0.019	0.00%
ß-Caryophyllene	< LOQ	0.019	0.00%		ß-Myrcene	< LOQ	0.019	0.00%
Terpinolene	< LOQ	0.019	0.00%		trans-ß-Ocimer	ne < LOQ	0.012	0.00%
Total Terpenes	< LOQ							

Metals							
Analyte	Result	Limits	Units	LOQ	Batch	Analyzed Method	Status Notes
Arsenic	< LOQ	1.50	mg/kg	0.0803	2209388	11/01/22 AOAC 2013.06 (mod.) ^b	pass
Cadmium	< LOQ	0.50	mg/kg	0.0803	2209388	11/01/22 AOAC 2013.06 (mod.) ^b	pass
Lead	< LOQ	0.50	mg/kg	0.0803	2209388	11/01/22 AOAC 2013.06 (mod.) ^b	pass
Mercury	< LOQ	1.50	mg/kg	0.0402	2209388	11/01/22 AOAC 2013.06 (mod.) ^b	pass

Mycotoxins							
Analyte	Result	Limits	Units	LOQ	Batch	Analyzed Method	Status Notes
Aflatoxin B2¥	< LOQ	5.00	μg/kg	5.00	2209436	11/03/22 AOAC 2007.01 & EN 15662 (mod) ^b	pass
Aflatoxin B1¥	< LOQ	5.00	μg/kg	5.00	2209436	11/03/22 AOAC 2007.01 & EN 15662 (mod) ^b	pass
Aflatoxin G1¥	< LOQ	5.00	μg/kg	5.00	2209436	11/03/22 AOAC 2007.01 & EN 15662 (mod) ^b	pass
Aflatoxin G2¥	< LOQ	5.00	μg/kg	5.00	2209436	11/03/22 AOAC 2007.01 & EN 15662 (mod) ^b	pass
Ochratoxin A [¥]	< LOQ	5.00	μg/kg	5.00	2209436	11/03/22 AOAC 2007.01 & EN 15662 (mod) ^b	pass





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Report Date: 11/09/2022 **ORELAP#:** OR100028

Purchase Order:

Received: 10/28/22 13:10

These test results are representative of the individual sample selected and submitted by the client.

Abbreviations

Limits: Action Levels per OAR-333-007-0400, OAR-333-007-0210, OAR-333-007-0220, CCR title 16-division 42. BCC-section 5723

Limit(s) of Quantitation (LOQ): The minimum levels, concentrations, or quantities of a target variable (e.g., target analyte) that can be reported with a specified degree of confidence.

Threshold Note: Action levels per 6 CCR 1010-21 CDPHE requirements

- b = ISO/IEC 17025:2017 accredited method.
- * = TNI accredited analyte.

Units of Measure

g = g

μg/g = Microgram per gram

μg/kg = Micrograms per kilogram = parts per billion (ppb)

mg/kg = Milligram per kilogram = parts per million (ppm)

mg/2.7g = Milligram per 2.7g

mg/81g = Milligram per 81g

% = Percentage of sample

% wt = μ g/g divided by 10,000

Approved Signatory

Derrick Tanner General Manager





Report Number: 22-013266/D006.R003

Report Date: 11/09/2022 ORELAP#: OR100028

Purchase Order:







Report Number: 22-015627/D013.R000

Report Date: 01/09/2023 ORELAP#: OR100028

Purchase Order:

Received: 12/21/22 12:49

R&R **Customer:**

Product identity: R&R 1000mg Full Spectrum Cream - Lot 3103

Client/Metrc ID:

Laboratory ID: 22-015627-0002

Summary								
Microbiology:	_							
Less than LOQ for all analytes.								





R&R **Customer:**

United States of America (USA)

Product identity: R&R 1000mg Full Spectrum Cream - Lot 3103

Client/Metrc ID:

Sample Date:

Laboratory ID: 22-015627-0002

Evidence of Cooling: No

Temp: 15.3 °C Relinquished by: **USPS**

Report Number: 22-015627/D013.R000

Report Date: 01/09/2023 ORELAP#: OR100028

Purchase Order:

Received: 12/21/22 12:49



Sample Results

Microbiology							
Analyte	Result	Limits	Units	LOQ	Batch	Analyzed Method	Status Notes
Aerobic Plate Count	< LOQ	10,000	cfu/g	10	2210921	12/30/22 AOAC 990.12 (Petrifilm)	pass
E.coli	< LOQ	100.00	cfu/g	10	2210918	12/30/22 AOAC 991.14 (Petrifilm)	pass
Total Coliforms	< LOQ	100.00	cfu/g	10	2210918	12/30/22 AOAC 991.14 (Petrifilm)	pass
Mold (RAPID Petrifilm)	< LOQ	1,000.	cfu/g	10	2210919	12/30/22 AOAC 2014.05 (RAPID)	pass
Yeast (RAPID Petrifilm)	< LOQ	1,000.	cfu/g	10	2210919	12/30/22 AOAC 2014.05 (RAPID)	pass
Salmonella spp. by PCR	Negative		/25g		2210923	12/29/22 AOAC 2020.02	
EHEC including STEC	Negative		/25g		2210926	12/29/22 AOAC RI 121806	





Report Number: 22-015627/D013.R000

Report Date: 01/09/2023 **ORELAP#:** OR100028

Purchase Order:

Received: 12/21/22 12:49

These test results are representative of the individual sample selected and submitted by the client.

Abbreviations

Limits: Action Levels per OAR-333-007-0400, OAR-333-007-0210, OAR-333-007-0220, CCR title 16-division 42. BCC-section 5723

Limit(s) of Quantitation (LOQ): The minimum levels, concentrations, or quantities of a target variable (e.g., target analyte) that can be reported with a specified degree of confidence.

Threshold Note: Action levels per 6 CCR 1010-21 CDPHE requirements

Units of Measure

/25g = Per 25g

cfu/g = Colony forming units per gram

% wt = μ g/g divided by 10,000

Approved Signatory

Derrick Tanner General Manager