



Report Number: 22-001221/D004.R001

Report Date: 02/18/2022 **ORELAP#:** OR100028

Purchase Order:

Received: 02/02/22 11:37

This is an amended version of report# 22-001221/D004.R000. Reason: Report includes a mycotoxin analysis.

Customer: R&R

Product identity: R&R 25mg Broad-Spectrum CBD Infused Gummy

Client/Metrc ID: R&R BS Gummy: 2801B

Laboratory ID: 22-001221-0002

Summary

Potency:

Analyte per 8.3g	Result	Limits	Units	Status	CBD-Total per 8.3g	26.0 mg/8.3g
CBC per 8.3g [†]	0.169		mg/8.3g			
CBD per 8.3g	25.9		mg/8.3g		<u> </u>	
CBD-A per 8.3g	0.0946		mg/8.3g		THC-Total per 8.3g	<loq< td=""></loq<>
CBDV per 8.3g [†]	0.182		mg/8.3g		Reported in milligram	e per serving)
CBN per 8.3g	0.141		mg/8.3g		(Reported in minigrain	is per serving)
CBT per 8.3g [†]	0.0930		mg/8.3g			

Residual Solvents:

All analytes passing and less than LOQ.

Terpenes:

Analyte	Percent by weight	Percent of Total	Analyte	Percent by weight	Percent of Total
farnesene [†]	0.0229	100.00%	Total Terpenes [†]	0.0229	100.00%

Metals:

Less than LOQ for all analytes.

Microbiology:

Less than LOQ for all analytes.





Customer: R&R

United States of America (USA)

Product identity: R&R 25mg Broad-Spectrum CBD Infused Gummy

Client/Metrc ID: R&R BS Gummy: 2801B

Sample Date:

Laboratory ID: 22-001221-0002

Evidence of Cooling: No
Temp: 20.1 °C
Relinquished by: UPS
Serving Size #1: 8.3 g

Report Number: 22-001221/D004.R001

Report Date: 02/18/2022 **ORELAP#:** OR100028

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Received: 02/02/22 11:37

Sample Results

Potency per 8.3g	Method J AOA	.C 2015 V98-6 (mod) Units mg/se Ba	tch: 2201052	Analyze: 2/7/22 1:07:00 PM
Analyte	Result	Limits Units	LOQ	Notes
CBC per 8.3g [†]	0.169	mg/8.3g	0.0815	
CBC-A per 8.3g [†]	< LOQ	mg/8.3g	0.0854	
CBC-Total per 8.3g [†]	0.169	mg/8.3g	0.153	
CBD per 8.3g	25.9	mg/8.3g	0.815	
CBD-A per 8.3g	0.0946	mg/8.3g	0.0815	
CBD-Total per 8.3g	26.0	mg/8.3g	0.886	
CBDV per 8.3g [†]	0.182	mg/8.3g	0.0815	
CBDV-A per 8.3g [†]	< LOQ	mg/8.3g	0.0854	
CBDV-Total per 8.3g [†]	0.182	mg/8.3g	0.152	
CBE per 8.3g [†]	< LOQ	mg/8.3g	0.0854	
CBG per 8.3g [†]	< LOQ	mg/8.3g	0.0854	
CBG-A per 8.3g [†]	< LOQ	mg/8.3g	0.0854	
CBG-Total per 8.3g [†]	< LOQ	mg/8.3g	0.159	
CBL per 8.3g [†]	< LOQ	mg/8.3g	0.0854	
CBL-A per 8.3g [†]	< LOQ	mg/8.3g	0.0854	
CBL-Total per 8.3g [†]	< LOQ	mg/8.3g	0.160	
CBN per 8.3g	0.141	mg/8.3g	0.0815	
CBT per 8.3g [†]	0.0930	mg/8.3g	0.0815	
$\Delta 8 ext{-THCV per }8.3 ext{g}^{\scriptscriptstyle \dagger}$	< LOQ	mg/8.3g	0.0854	
$\Delta 8$ -THC per 8.3g †	< LOQ	mg/8.3g	0.0854	
Δ 9-THC per 8.3g	< LOQ	mg/8.3g	0.0854	
exo-THC per 8.3g [†]	< LOQ	mg/8.3g	0.0854	
THC-A per 8.3g	< LOQ	mg/8.3g	0.0854	
THC-Total per 8.3g	< LOQ	mg/8.3g	0.160	
THCV per 8.3g [†]	< LOQ	mg/8.3g	0.0854	
THCV-A per 8.3g [†]	< LOQ	mg/8.3g	0.0854	
THCV-Total per 8.3g [†]	< LOQ	mg/8.3g	0.160	
Total Cannabinoids per 8.3g	26.6	mg/8.3g		





Report Number: 22-001221/D004.R001

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02/02/22 11:37 Received:

Microbiology								
Analyte	Result	Limits	Units	LOQ	Batch	Analyze	Method	Status Notes
Aerobic Plate Count	< LOQ		cfu/g	10	2200929	02/05/22	AOAC 990.12 (Petrifilm)	X
E.coli	< LOQ		cfu/g	10	2200927	02/05/22	AOAC 991.14 (Petrifilm)	X
Total Coliforms	< LOQ		cfu/g	10	2200927	02/05/22	AOAC 991.14 (Petrifilm)	X
Mold (RAPID Petrifilm)	< LOQ		cfu/g	10	2200928	02/06/22	AOAC 2014.05 (RAPID)	X
Yeast (RAPID Petrifilm)	< LOQ		cfu/g	10	2200928	02/06/22	AOAC 2014.05 (RAPID)	X

Solvents	Method	Residua	I Solv	ents by GC/MS	Units µg/g Batch 22	201085	Analyz	e 02/0	08/22 10:55 AM
Analyte	Result	Limits	LOQ	Status Notes	Analyte	Result	Limits	LOQ	Status Notes
1,4-Dioxane	< LOQ	380	100	pass	2-Butanol	< LOQ	5000	200	pass
2-Ethoxyethanol	< LOQ	160	30.0	pass	2-Methylbutane (Isopentane)	< LOQ		200	
2-Methylpentane	< LOQ		30.0		2-Propanol (IPA)	< LOQ	5000	200	pass
2,2-Dimethylbutane	< LOQ		30.0		2,2-Dimethylpropane (neo-pentane)	< LOQ		200	
2,3-Dimethylbutane	< LOQ		30.0		3-Methylpentane	< LOQ		30.0	
Acetone	< LOQ	5000	200	pass	Acetonitrile	< LOQ	410	100	pass
Benzene	< LOQ	2.00	1.00	pass	Butanes (sum)	< LOQ	5000	400	pass
Cyclohexane	< LOQ	3880	200	pass	Ethyl acetate	< LOQ	5000	200	pass
Ethyl benzene	< LOQ		200		Ethyl ether	< LOQ	5000	200	pass
Ethylene glycol	< LOQ	620	200	pass	Ethylene oxide	< LOQ	50.0	20.0	pass
Hexanes (sum)	< LOQ	290	150	pass	Isopropyl acetate	< LOQ	5000	200	pass
Isopropylbenzene (Cumene)	< LOQ	70.0	30.0	pass	m,p-Xylene	< LOQ		200	
Methanol	< LOQ	3000	200	pass	Methylene chloride	< LOQ	600	60.0	pass
Methylpropane (Isobutane)	< LOQ		200		n-Butane	< LOQ		200	
n-Heptane	< LOQ	5000	200	pass	n-Hexane	< LOQ		30.0	
n-Pentane	< LOQ		200		o-Xylene	< LOQ		200	
Pentanes (sum)	< LOQ	5000	600	pass	Propane	< LOQ	5000	200	pass
Tetrahydrofuran	< LOQ	720	100	pass	Toluene	< LOQ	890	100	pass
Total Xylenes	< LOQ		400		Total Xylenes and Ethyl benzene	< LOQ	2170	600	pass





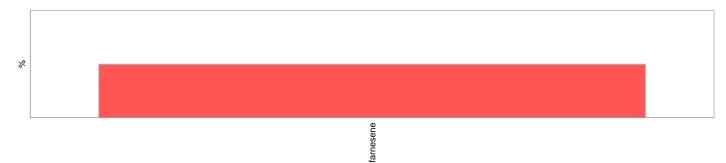
Report Number: 22-001221/D004.R001

Report Date: 02/18/2022 ORELAP#: OR100028

Purchase Order:

02/02/22 11:37 Received:

Terpenes	Method	J AOAC	2015 V98-6		Units % Batch	2201136	Analyz	ce 02/09/22 10:40 AM
Analyte	Result	LOQ	% of Total	Notes	Analyte	Result	LOQ	% of Total Notes
farnesene [†]	0.0229	0.019	100.0000%		ß-Myrcene†	< LOQ	0.019	0.00%
Geraniol [†]	< LOQ	0.019	0.00%		a-phellandrene [†]	< LOQ	0.019	0.00%
nerol†	< LOQ	0.019	0.00%		trans-ß-Ocimene [†]	< LOQ	0.013	0.00%
valencene†	< LOQ	0.019	0.00%		a-Terpinene [†]	< LOQ	0.019	0.00%
p-Cymene [†]	< LOQ	0.019	0.00%		cis-ß-Ocimene†	< LOQ	0.006	0.00%
Linalool [†]	< LOQ	0.019	0.00%		(R)-(+)-Limonene [†]	< LOQ	0.019	0.00%
Terpinolene [†]	< LOQ	0.019	0.00%		Geranyl acetate [†]	< LOQ	0.019	0.00%
(+)-Pulegone [†]	< LOQ	0.019	0.00%		gamma-Terpinene [†]	< LOQ	0.019	0.00%
Sabinene hydrate [†]	< LOQ	0.019	0.00%		Sabinene [†]	< LOQ	0.019	0.00%
(±)-Camphor [†]	< LOQ	0.019	0.00%		Menthol [†]	< LOQ	0.019	0.00%
(±)-trans-Nerolidol†	< LOQ	0.019	0.00%		(-)-a-Terpineol [†]	< LOQ	0.019	0.00%
(-)-ß-Pinene [†]	< LOQ	0.019	0.00%		Camphene [†]	< LOQ	0.019	0.00%
(±)-fenchone [†]	< LOQ	0.019	0.00%		Eucalyptol [†]	< LOQ	0.019	0.00%
(±)-cis-Nerolidol†	< LOQ	0.019	0.00%		Humulene [†]	< LOQ	0.019	0.00%
(-)-caryophyllene oxide [†]	< LOQ	0.019	0.00%		(-)-GuaioI [†]	< LOQ	0.019	0.00%
(-)-IsopulegoI [†]	< LOQ	0.019	0.00%		(+)-Borneol [†]	< LOQ	0.019	0.00%
(+)-Cedrol [†]	< LOQ	0.019	0.00%		(+)-fenchol [†]	< LOQ	0.019	0.00%
a-Bisabolol†	< LOQ	0.019	0.00%		a-cedrene†	< LOQ	0.019	0.00%
a-pinene†	< LOQ	0.019	0.00%		d-3-Carene [†]	< LOQ	0.019	0.00%
soborneol†	< LOQ	0.019	0.00%		ß-Caryophyllene [†]	< LOQ	0.019	0.00%
Total Terpenes	0.0229							



Metals									
Analyte	Result	Limits	Units	LOQ	Batch	Analyze	Method	Status	Notes
Arsenic	< LOQ	0.200	mg/kg	0.1000	2201101	02/08/22	AOAC 2013.06 (mod.)	pass	X
Cadmium	< LOQ	0.200	mg/kg	0.0170	2201101	02/08/22	AOAC 2013.06 (mod.)	pass	Χ
Lead	< LOQ	0.500	mg/kg	0.0170	2201101	02/08/22	AOAC 2013.06 (mod.)	pass	Χ
Mercury	< LOQ	0.100	mg/kg	0.00849	2201101	02/08/22	AOAC 2013.06 (mod.)	pass	Χ





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Purchase Order:

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Mycotoxins								
Analyte	Result	Limits	Units	LOQ	Batch	Analyze	Method	Status Notes
Aflatoxin B2 [†]	< LOQ		μg/kg	5.00	2201428	02/18/22	AOAC 2007.01 & EN 15	
Aflatoxin B1 [†]	< LOQ		μg/kg	5.00	2201428	02/18/22	AOAC 2007.01 & EN 15	
Aflatoxin G1 [†]	< LOQ		μg/kg	5.00	2201428	02/18/22	AOAC 2007.01 & EN 15	
Aflatoxin G2 [†]	< LOQ		μg/kg	5.00	2201428	02/18/22	AOAC 2007.01 & EN 15	
Deoxynivalenol [†]	< LOQ		μg/kg	200	2201428	02/18/22	AOAC 2007.01 & EN 15	
Fumonisin B1 [†]	< LOQ		μg/kg	200	2201428	02/18/22	AOAC 2007.01 & EN 15	
Fumonisin B2 [†]	< LOQ		μg/kg	200	2201428	02/18/22	AOAC 2007.01 & EN 15	
HT2-Toxin [†]	< LOQ		μg/kg	40.0	2201428	02/18/22	AOAC 2007.01 & EN 15	
Nivalenol [†]	< LOQ		μg/kg	400	2201428	02/18/22	AOAC 2007.01 & EN 15	
Ochratoxin A [†]	< LOQ		μg/kg	5.00	2201428	02/18/22	AOAC 2007.01 & EN 15	
Ochratoxin B [†]	< LOQ		μg/kg	2.00	2201428	02/18/22	AOAC 2007.01 & EN 15	
T2-Toxin [†]	< LOQ		μg/kg	20.0	2201428	02/18/22	AOAC 2007.01 & EN 15	
Zearalenone [†]	< LOQ		μg/kg	200	2201428	02/18/22	AOAC 2007.01 & EN 15	





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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.

† = Analyte not NELAP accredited.

Units of Measure

cfu/g = Colony forming units per gram g = Gram $\mu g/g = \text{Microgram per gram}$ $\mu g/g = \text{Micrograms per kilogram} = \text{parts per billion (ppb)}$ mg/kg = Milligram per kilogram = parts per million (ppm) mg/8.3g = Milligram per 8.3g % = Percentage of sample % wt = μ g/g divided by 10,000

Glossary of Qualifiers

X: Not ORELAP accredited.

Approved Signatory

Derrick Tanner General Manager





Report Number: 22-015627/D015.R000

Report Date: 01/10/2023 **ORELAP#:** OR100028

Purchase Order:

Received: 12/21/22 12:49

Customer: R&R

Product identity: R&R 30mg Broad Spectrum Gummy - Lot 2801B

Client/Metrc ID: .

Laboratory ID: 22-015627-0001

Summary

Pesticides:

All analytes passing and less than LOQ.





Report Number: 22-015627/D015.R000

Report Date: 01/10/2023 **ORELAP#:** OR100028

Purchase Order:

Received: 12/21/22 12:49

Customer: R&R

United States of America (USA)

Product identity: R&R 30mg Broad Spectrum Gummy - Lot 2801B

Client/Metrc ID: .

Sample Date:

Laboratory ID: 22-015627-0001

Evidence of Cooling: No

Temp: 15.3 °C Relinquished by: USPS



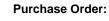
Sample Results

Pesticides	Method: AO	AC 2007.01 & EN 15662 (mod)	Units mg/kg Batch	2300179	Analyze 01/06/23 03:27 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			



Report Date: 01/10/2023 ORELAP#: OR100028

22-015627/D015.R000



Report Number:

Received: 12/21/22 12:49

Pesticides	Method: AO	AC 2007.01 & EN 15662 (mod) Units mg/kg Batch 2	2300179	Analyze 01/06/23 03:27 PM
Analyte	Result	Limits LOQ Status No	tes 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
Endosulfan sulfate	< LOQ	2.5 0.050 pass	Ethoprophos	< LOQ	0.010 0.010 pass
Etofenprox	< LOQ	0.050 0.010 pass	Etoxazole	< LOQ	0.020 0.010 pass
Etridiazole	< LOQ	0.15 0.050 pass	Fenhexamid	< LOQ	0.13 0.100 pass
Fenoxycarb	< LOQ	0.010 0.010 pass	Fenpyroximate	< LOQ	0.020 0.020 pass
Fensulfothion	< LOQ	0.010 0.010 pass	Fenthion	< LOQ	0.010 0.010 pass
Fenvalerate	< LOQ	0.200	Fipronil	< LOQ	0.010 0.010 pass
Flonicamid	< LOQ	0.025 0.025 pass	Fludioxonil	< LOQ	0.010 0.010 pass
Fluopyram	< LOQ	0.010 0.010 pass	Hexythiazox	< LOQ	0.010 0.010 pass
lmazalil	< LOQ	0.010 0.010 pass	Imidacloprid	< LOQ	0.010 0.010 pass
prodione	< LOQ	0.50 0.500 pass	Kinoprene	< LOQ	1.3 0.200 pass
Kresoxim-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
Methomyl	< LOQ	0.025 0.025 pass	Methoprene	< LOQ	2.0 1.00 pass
Mevinphos	< LOQ	0.025 0.025 pass	MGK-264	< LOQ	0.050 0.050 pass
Myclobutanil	< LOQ	0.010 0.010 pass	Naled	< LOQ	0.10 0.100 pass
Novaluron	< 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
Permethrin	< LOQ	0.50 0.040 pass	Phenothrin	< LOQ	0.050 0.025 pass
Phosmet	< LOQ	0.020 0.010 pass	Piperonyl butoxide	< LOQ	1.3 0.200 pass
Pirimicarb	< LOQ	0.010 0.010 pass	Prallethrin	< LOQ	0.050 0.050 pass
Propiconazole	< LOQ	0.10 0.010 pass	Propoxur	< LOQ	0.010 0.010 pass
Pyraclostrobin	< 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
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Report Number: 22-015627/D015.R000

Report Date: 01/10/2023 **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

mg/kg = Milligram per kilogram = parts per million (ppm) % wt = μ g/g divided by 10,000

Approved Signatory

Derrick Tanner General Manager