



12423 NE Whitaker Way
 Portland, OR 97230
 503-254-1794

Report Number: 22-013080/D026.R000
Report Date: 11/02/2022
ORELAP#: OR100028
Purchase Order: 1004
Received: 10/26/22 10:34

Customer: Cookies
Product identity: Grenadine_G2-101522-817
Client/Metric ID: .
Laboratory ID: 22-013080-0011

Summary

Potency:

Analyte	Result (%)		
Δ8-THC	71.2		CBD-Total <LOQ
Δ8-THCV	0.313		THC-Total <LOQ
			(Reported in percent of total sample)

Residual Solvents:

All analytes passing and less than LOQ.

Pesticides:

All analytes passing and less than LOQ.

Metals:

Less than LOQ for all analytes.

Microbiology:

Less than LOQ for all analytes.



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Customer: Cookies
 United States of America (USA)
Product identity: Grenadine_G2-101522-817
Client/Metric ID: .
Sample Date:
Laboratory ID: 22-013080-0011
Evidence of Cooling: No
Temp: 24.8
Relinquished by: ups

Sample Results

Potency	Method: J AOAC 2015 V98-6 (mod) ^p			Units %	Batch: 2209349	Analyze: 10/31/22 11:11:00 P
Analyte	As Received	Dry weight	LOQ	Notes		
CBC	< LOQ		0.0673			
CBC-A	< LOQ		0.0673			
CBC-Total	< LOQ		0.126			
CBD	< LOQ		0.0673			
CBD-A	< LOQ		0.0673			
CBD-Total	< LOQ		0.126			
CBDV	< LOQ		0.0673			
CBDV-A	< LOQ		0.0673			
CBDV-Total	< LOQ		0.126			
CBE	< LOQ		0.0673			
CBG	< LOQ		0.0673			
CBG-A	< LOQ		0.0673			
CBG-Total	< LOQ		0.126			
CBL	< LOQ		0.0673			
CBL-A	< LOQ		0.0673			
CBL-Total	< LOQ		0.126			
CBN	< LOQ		0.0673			
CBT	< LOQ		0.0673			
Δ10-THC	< LOQ		0.0673			
Δ8-THC	71.2		0.673			
Δ8-THCV	0.313		0.0673			
Δ9-THC	< LOQ		0.0673			
exo-THC	< LOQ		0.0673			
THC-A	< LOQ		0.0673			
THC-Total	< LOQ		0.126			
THCV	< LOQ		0.0673			
THCV-A	< LOQ		0.0673			
THCV-Total	< LOQ		0.126			
Total Cannabinoids	71.5					



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Microbiology

Analyte	Result	Limits	Units	LOQ	Batch	Analyzed Method	Status	Notes
Mold (RAPID Petrifilm)	< LOQ		cfu/g	10	2209207	10/30/22 AOAC 2014.05 (RAPID) ^P		I
Yeast (RAPID Petrifilm)	< LOQ		cfu/g	10	2209207	10/30/22 AOAC 2014.05 (RAPID) ^P		I

Solvents Method: Residual Solvents by GC/MS^b Units µg/g Batch 2209296 Analyze 10/31/22 11:43 AM

Analyte	Result	Limits	LOQ	Status	Notes	Analyte	Result	Limits	LOQ	Status	Notes
1,2-Dichloroethane	< LOQ	1.00	1.00	pass		2-Propanol (IPA)	< LOQ	5000	200	pass	
Acetone	< LOQ	5000	200	pass		Acetonitrile	< LOQ	410	100	pass	
Benzene	< LOQ	1.00	1.00	pass		Chloroform	< LOQ	1.00	1.00	pass	
Ethyl acetate	< LOQ	5000	200	pass		Ethyl ether	< LOQ	5000	200	pass	
Ethylene oxide	< LOQ	1.00	1.00	pass		m,p-Xylene	< LOQ		200		
Methanol	< LOQ	3000	200	pass		Methylene chloride	< LOQ	1.00	1.00	pass	
n-Butane	< LOQ	5000	200	pass		n-Heptane	< LOQ	5000	200	pass	
n-Hexane	< LOQ	290	30.0	pass		n-Pentane	< LOQ	5000	200	pass	
o-Xylene	< LOQ		200			Propane	< LOQ	5000	200	pass	
Toluene	< LOQ	890	100	pass		Total Xylenes	< LOQ	2170	400	pass	
Trichloroethylene	< LOQ	1.00	1.00	pass							



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Pesticides											
Method: AOAC 2007.01 & EN 15662 (mod)						Units mg/kg		Batch 2209224		Analyze 10/27/22 02:04 PM	
Analyte	Result	Limits	LOQ	Status	Notes	Analyte	Result	Limits	LOQ	Status	Notes
Abamectin	< LOQ	0.100	0.100	pass		Acephate	< LOQ	0.100	0.100	pass	
Acequinocyl	< LOQ	0.100	0.100	pass		Acetamiprid	< LOQ	0.100	0.100	pass	
Aldicarb	< LOQ	0.100	0.100	pass		Azoxystrobin	< LOQ	0.100	0.100	pass	
Bifenazate	< LOQ	0.100	0.100	pass		Bifenthrin	< LOQ	3.00	3.00	pass	
Boscalid	< LOQ	0.100	0.100	pass		Captan	< LOQ	0.700	0.700	pass	
Carbaryl	< LOQ	0.500	0.500	pass		Carbofuran	< LOQ	0.100	0.100	pass	
Chlorantraniliprole	< LOQ	10.0	3.00	pass		Chlordane	< LOQ	0.1	0.100	pass	
Chlorfenapyr	< LOQ	0.100	0.100	pass		Chlorpyrifos	< LOQ	0.100	0.100	pass	
Clofentezine	< LOQ	0.100	0.100	pass		Coumaphos	< LOQ	0.100	0.100	pass	
Cyfluthrin	< LOQ	2.00	2.00	pass		Cypermethrin	< LOQ	1.00	1.00	pass	
Daminozide	< LOQ	0.100	0.100	pass		Diazinon	< LOQ	0.100	0.100	pass	
Dichlorvos	< LOQ	0.100	0.100	pass		Dimethoate	< LOQ	0.100	0.100	pass	
Dimethomorph	< LOQ	2.00	2.00	pass		Ethoprophos	< LOQ	0.100	0.100	pass	
Etofenprox	< LOQ	0.100	0.100	pass		Etoazole	< LOQ	0.100	0.100	pass	
Fenhexamid	< LOQ	0.100	0.100	pass		Fenoxycarb	< LOQ	0.100	0.100	pass	
Fenpyroximate	< LOQ	0.100	0.100	pass		Fipronil	< LOQ	0.100	0.100	pass	
Flonicamid	< LOQ	0.100	0.100	pass		Fludioxonil	< LOQ	0.100	0.100	pass	
Hexythiazox	< LOQ	0.100	0.100	pass		Imazalil	< LOQ	0.100	0.100	pass	
Imidacloprid	< LOQ	5.00	3.00	pass		Kresoxim-methyl	< LOQ	0.100	0.100	pass	
Malathion	< LOQ	0.500	0.500	pass		Metalaxyl	< LOQ	2.00	2.00	pass	
Methiocarb	< LOQ	0.100	0.100	pass		Methomyl	< LOQ	1.00	1.00	pass	
Mevinphos	< LOQ	0.100	0.100	pass		Myclobutanil	< LOQ	0.100	0.100	pass	
Naled	< LOQ	0.100	0.100	pass		Oxamyl	< LOQ	0.500	0.500	pass	
Paclbutrazole	< LOQ	0.100	0.100	pass		Parathion-Methyl	< LOQ	0.100	0.100	pass	
Permethrin	< LOQ	0.500	0.500	pass		Phosmet	< LOQ	0.100	0.100	pass	
Piperonyl butoxide	< LOQ	3.00	3.00	pass		Prallethrin	< LOQ	0.100	0.100	pass	
Propiconazole	< LOQ	0.100	0.100	pass		Propoxur	< LOQ	0.100	0.100	pass	
Pyrethrins (total)	< LOQ	0.500	0.500	pass		Pyridaben	< LOQ	0.100	0.100	pass	
Quintozene	< LOQ	0.100	0.100	pass		Spinetoram	< LOQ	0.100	0.100	pass	
Spinosad	< LOQ	0.100	0.100	pass		Spiromesifen	< LOQ	0.100	0.100	pass	
Spirotetramat	< LOQ	0.100	0.100	pass		Spiroxamine	< LOQ	0.100	0.100	pass	
Tebuconazole	< LOQ	0.100	0.100	pass		Thiacloprid	< LOQ	0.100	0.100	pass	
Thiamethoxam	< LOQ	5.00	3.00	pass		Trifloxystrobin	< LOQ	0.100	0.100	pass	

Metals											
Analyte	Result	Limits	Units	LOQ	Batch	Analyzed Method		Status	Notes		
Arsenic	< LOQ	0.20	mg/kg	0.0805	2209388	11/01/22	AOAC 2013.06 (mod.) ^p	pass			
Cadmium	< LOQ	0.20	mg/kg	0.0805	2209388	11/01/22	AOAC 2013.06 (mod.) ^p	pass			
Lead	< LOQ	0.50	mg/kg	0.0805	2209388	11/01/22	AOAC 2013.06 (mod.) ^p	pass			
Mercury	< LOQ	0.10	mg/kg	0.0402	2209388	11/01/22	AOAC 2013.06 (mod.) ^p	pass			



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Mycotoxins

Analyte	Result	Limits	Units	LOQ	Batch	Analyzed Method	Status	Notes
Aflatoxin B2 [¶]	< LOQ		µg/kg	5.00	2209336	11/01/22 AOAC 2007.01 & EN 15662 (mod) [¶]		
Aflatoxin B1 [¶]	< LOQ		µg/kg	5.00	2209336	11/01/22 AOAC 2007.01 & EN 15662 (mod) [¶]		
Aflatoxin G1 [¶]	< LOQ		µg/kg	5.00	2209336	11/01/22 AOAC 2007.01 & EN 15662 (mod) [¶]		
Aflatoxin G2 [¶]	< LOQ		µg/kg	5.00	2209336	11/01/22 AOAC 2007.01 & EN 15662 (mod) [¶]		
Ochratoxin A [¶]	< LOQ		µg/kg	5.00	2209336	11/01/22 AOAC 2007.01 & EN 15662 (mod) [¶]		
Total Aflatoxins [¶]	0.000		µg/kg	20.0		11/01/22 AOAC 2007.01 & EN 15662 (mod) [¶]		

Nutrition

Analyte	Result	Limits	Units	LOQ	Batch	Analyzed Method	Status	Notes
Water Activity	0.319		Aw	0.030	2209279	10/28/22 AOAC 978.18 [¶]		

Test results relate only to the parameters tested and to the samples as received by the laboratory. Test results meet all requirements of NELAP and the Columbia Laboratories quality assurance plan unless otherwise noted. This report shall not be reproduced, except in full, without the written consent of this laboratory. Samples will be retained for a maximum of 30 days from the receipt date unless prior arrangements have been made.

Testing in accordance with: OAR 333-007-0390 OAR 333-007-0400 OAR 333-007-0410 OAR 333-007-0430



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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.

^p = ISO/IEC 17025:2017 accredited method.

[¥] = TNI accredited analyte.

Units of Measure

cfu/g = Colony forming units per gram

µg/g = Microgram per gram

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

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

% = Percentage of sample

Aw = Water Activity

% wt = µg/g divided by 10,000

Glossary of Qualifiers

I: Insufficient sample received to meet method requirements.

Approved Signatory

Derrick Tanner
General Manager



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