



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



Report Number: 22-001974/D004.R001
Report Date: 03/01/2022
ORELAP#: OR100028
Purchase Order:
Received: 02/21/22 08:55

This is an amended version of report# 22-001974/D004.R000.
 Reason: Updated customer information.

Customer: Summit
Product identity: Summit 15mg Lot 0900
Client/Metric ID:
Laboratory ID: 22-001974-0001

Summary

Potency:

Analyte per 7.9g	Result	Limits	Units	Status	
Δ9-THC per 7.9g	16.8		mg/7.9g		THC-Total per 7.9g 16.8 mg/7.9g
					CBD-Total per 7.9g <LOQ
(Reported in milligrams per serving)					

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.

Microbiology:

Analyte	Result	Units
Aerobic Plate Count	10	cfu/g



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Customer: Summit
 United States of America (USA)
Product identity: Summit 15mg Lot 0900
Client/Metric ID: .
Sample Date:
Laboratory ID: 22-001974-0001
Evidence of Cooling: No
Temp: 21 °C
Relinquished by: UPS
Serving Size #1: 7.9 g

Sample Results

Potency per 7.9g	Method J AOAC 2015 V98-6 (mod)	Units mg/se	Batch: 2201627	Analyze: 2/24/22 10:31:00 AM	
Analyte	Result	Limits	Units	LOQ	Notes
CBC per 7.9g [†]	< LOQ		mg/7.9g	0.0316	
CBC-A per 7.9g [†]	< LOQ		mg/7.9g	0.0316	
CBC-Total per 7.9g [†]	< LOQ		mg/7.9g	0.0593	
CBD per 7.9g	< LOQ		mg/7.9g	0.0316	
CBD-A per 7.9g	< LOQ		mg/7.9g	0.0316	
CBD-Total per 7.9g	< LOQ		mg/7.9g	0.0593	
CBDV per 7.9g [†]	< LOQ		mg/7.9g	0.0316	
CBDV-A per 7.9g [†]	< LOQ		mg/7.9g	0.0316	
CBDV-Total per 7.9g [†]	< LOQ		mg/7.9g	0.0589	
CBE per 7.9g [†]	< LOQ		mg/7.9g	0.0316	
CBG per 7.9g [†]	< LOQ		mg/7.9g	0.0316	
CBG-A per 7.9g [†]	< LOQ		mg/7.9g	0.0316	
CBG-Total per 7.9g [†]	< LOQ		mg/7.9g	0.0589	
CBL per 7.9g [†]	< LOQ		mg/7.9g	0.0316	
CBL-A per 7.9g [†]	< LOQ		mg/7.9g	0.0316	
CBL-Total per 7.9g [†]	< LOQ		mg/7.9g	0.0593	
CBN per 7.9g	< LOQ		mg/7.9g	0.0316	
CBT per 7.9g [†]	< LOQ		mg/7.9g	0.0316	
Δ8-THCV per 7.9g [†]	< LOQ		mg/7.9g	4.04	
Δ8-THC per 7.9g [†]	< LOQ		mg/7.9g	4.04	
Δ9-THC per 7.9g	16.8		mg/7.9g	4.04	
exo-THC per 7.9g [†]	< LOQ		mg/7.9g	0.0316	
THC-A per 7.9g	< LOQ		mg/7.9g	4.04	
THC-Total per 7.9g	16.8		mg/7.9g	8.08	
THCV per 7.9g [†]	< LOQ		mg/7.9g	0.0316	
THCV-A per 7.9g [†]	< LOQ		mg/7.9g	0.0316	
THCV-Total per 7.9g [†]	< LOQ		mg/7.9g	0.0593	
Total Cannabinoids per 7.9g	16.8		mg/7.9g		



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Microbiology

Analyte	Result	Limits	Units	LOQ	Batch	Analyze	Method	Status	Notes
Aerobic Plate Count	10	10,000.00	cfu/g	10	2201485	02/23/22	AOAC 990.12 (Petrifilm)	pass	X
E.coli	< LOQ	100.00	cfu/g	10	2201483	02/23/22	AOAC 991.14 (Petrifilm)	pass	X
Total Coliforms	< LOQ	100.00	cfu/g	10	2201483	02/23/22	AOAC 991.14 (Petrifilm)	pass	X
Mold (RAPID Petrifilm)	< LOQ	1,000.00	cfu/g	10	2201484	02/24/22	AOAC 2014.05 (RAPID)	pass	X
Yeast (RAPID Petrifilm)	< LOQ	1,000.00	cfu/g	10	2201484	02/24/22	AOAC 2014.05 (RAPID)	pass	X
Salmonella spp. by PCR	Negative		/25g		2201487	02/22/22	AOAC 2020.02		X
EHEC including STEC	Negative		/25g		2201518	02/22/22	AOAC RI 121806		X

Solvents Method Residual Solvents by GC/MS Units µg/g Batch 2201647 Analyze 02/24/22 01:18 PM

Analyte	Result	Limits	LOQ	Status	Notes	Analyte	Result	Limits	LOQ	Status	Notes
2-Methylbutane (Isopentane)	< LOQ	1000	200			2-Methylpentane	< LOQ	60.0	30.0		
2-Propanol (IPA)	< LOQ	1000	200			2,2-Dimethylbutane	< LOQ	60.0	30.0		
2,2-Dimethylpropane (neo-pentane)	< LOQ	1000	200			2,3-Dimethylbutane	< LOQ	60.0	30.0		
3-Methylpentane	< LOQ	60.0	30.0			Acetone	< LOQ	1000	200		
Benzene	< LOQ	2.00	1.00			Butanes (sum)	< LOQ	1000	400		
Ethanol*	< LOQ	1000	200			Ethyl acetate	< LOQ	1000	200		
Hexanes (sum)	< LOQ	60.0	150			m,p-Xylene	< LOQ	430	200		
Methanol	< LOQ	600	200			Methylpropane (Isobutane)	< LOQ	1000	200		
n-Butane	< LOQ	1000	200			n-Heptane	< LOQ	1000	200		
n-Hexane	< LOQ	60.0	30.0			n-Pentane	< LOQ	1000	200		
o-Xylene	< LOQ	430	200			Pentanes (sum)	< LOQ	1000	600		
Propane	< LOQ	1000	200			Toluene	< LOQ	180	100		
Total Xylenes	< LOQ	430	400								



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Pesticides						Method AOAC 2007.01 & EN 15662 (mod) Units mg/kg Batch 2201661 Analyze 02/25/22 10:22 AM					
Analyte	Result	Limits	LOQ	Status	Notes	Analyte	Result	Limits	LOQ	Status	Notes
Abamectin	< LOQ		0.070			Acephate	< LOQ		0.020		
Acequinocyl	< LOQ		0.025			Acetamiprid	< LOQ		0.050		
Aldicarb	< LOQ		0.100			Bifenazate	< LOQ		0.010		
Bifenthrin	< LOQ		0.100			Boscalid	< LOQ		0.010		
Carbaryl	< LOQ		0.025			Carbofuran	< LOQ		0.010		
Chlorantraniliprole	< LOQ		0.010			Chlorfenapyr	< LOQ		0.100		
Chlorpyrifos	< LOQ		0.010			Clofentezine	< LOQ		0.010		
Cyfluthrin	< LOQ		0.200			Cypermethrin	< LOQ		0.300		
Daminozide	< LOQ		0.050			Diazinon	< LOQ		0.010		
Dichlorvos	< LOQ		0.050			Dimethoate	< LOQ		0.010		
Ethoprophos	< LOQ		0.010			Etofenprox	< LOQ		0.010		
Etoxazole	< LOQ		0.010			Fenoxycarb	< LOQ		0.010		
Fenpyroximate	< LOQ		0.020			Fipronil	< LOQ		0.010		
Fonicamid	< LOQ		0.025			Fludioxonil	< LOQ		0.010		
Hexythiazox	< LOQ		0.010			Imazalil	< LOQ		0.010		
Imidacloprid	< LOQ		0.010			Kresoxim-methyl	< LOQ		0.010		
Malathion	< LOQ		0.010			Metalaxyl	< LOQ		0.010		
Methiocarb	< LOQ		0.010			Methomyl	< LOQ		0.025		
MGK-264	< LOQ		0.050			Myclobutanil	< LOQ		0.010		
Naled	< LOQ		0.100			Oxamyl	< LOQ		0.500		
Paclobutrazole	< LOQ		0.010			Parathion-Methyl	< LOQ		0.030		
Permethrin	< LOQ		0.040			Phosmet	< LOQ		0.010		
Piperonyl butoxide	< LOQ		0.200			Prallethrin	< LOQ		0.050		
Propiconazole	< LOQ		0.010			Propoxur	< LOQ		0.010		
Pyrethrins (total)	< LOQ		0.025			Pyridaben	< LOQ		0.020		
Spinosad	< LOQ		0.010			Spiromesifen	< LOQ		0.030		
Spirotetramat	< LOQ		0.010			Spiroxamine	< LOQ		0.010		
Tebuconazole	< LOQ		0.010			Thiacloprid	< LOQ		0.010		
Thiamethoxam	< LOQ		0.010			Trifloxystrobin	< LOQ		0.010		



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Terpenes				Method J AOAC 2015 V98-6	Units %	Batch 2201668	Analyze 02/24/22 06:59 PM		
Analyte	Result	LOQ	% of Total	Notes	Analyte	Result	LOQ	% of Total	Notes
farnesene [†]	< LOQ	0.018	0.00%		Geraniol [†]	< LOQ	0.018	0.00%	
nerol [†]	< LOQ	0.018	0.00%		Terpinolene [†]	< LOQ	0.018	0.00%	
Geranyl acetate [†]	< LOQ	0.018	0.00%		valencene [†]	< LOQ	0.018	0.00%	
(+)-Pulegone [†]	< LOQ	0.018	0.00%		Sabinene hydrate [†]	< LOQ	0.018	0.00%	
(±)-cis-Nerolidol [†]	< LOQ	0.018	0.00%		Menthol [†]	< LOQ	0.018	0.00%	
(-)-α-Terpineol [†]	< LOQ	0.018	0.00%		(±)-fenchone [†]	< LOQ	0.018	0.00%	
(±)-trans-Nerolidol [†]	< LOQ	0.018	0.00%		β-Caryophyllene [†]	< LOQ	0.018	0.00%	
(-)-caryophyllene oxide [†]	< LOQ	0.018	0.00%		(-)-Guaial [†]	< LOQ	0.018	0.00%	
(-)-Isopulegol [†]	< LOQ	0.018	0.00%		(-)-β-Pinene [†]	< LOQ	0.018	0.00%	
(+)-Borneol [†]	< LOQ	0.018	0.00%		(+)-Cedrol [†]	< LOQ	0.018	0.00%	
(+)-fenchol [†]	< LOQ	0.018	0.00%		(±)-Camphor [†]	< LOQ	0.018	0.00%	
(R)-(+)-Limonene [†]	< LOQ	0.018	0.00%		a-Bisabolol [†]	< LOQ	0.018	0.00%	
a-cedrene [†]	< LOQ	0.018	0.00%		a-phellandrene [†]	< LOQ	0.018	0.00%	
a-pinene [†]	< LOQ	0.018	0.00%		a-Terpinene [†]	< LOQ	0.018	0.00%	
Camphene [†]	< LOQ	0.018	0.00%		cis-β-Ocimene [†]	< LOQ	0.006	0.00%	
d-3-Carene [†]	< LOQ	0.018	0.00%		Eucalyptol [†]	< LOQ	0.018	0.00%	
gamma-Terpinene [†]	< LOQ	0.018	0.00%		Humulene [†]	< LOQ	0.018	0.00%	
Isoborneol [†]	< LOQ	0.018	0.00%		Linalool [†]	< LOQ	0.018	0.00%	
p-Cymene [†]	< LOQ	0.018	0.00%		Sabinene [†]	< LOQ	0.018	0.00%	
β-Myrcene [†]	< LOQ	0.018	0.00%		trans-β-Ocimene [†]	< LOQ	0.012	0.00%	
Total Terpenes	< LOQ								

Metals									
Analyte	Result	Limits	Units	LOQ	Batch	Analyze	Method	Status	Notes
Arsenic	< LOQ	1.50	mg/kg	0.0119	2201656	02/24/22	AOAC 2013.06 (mod.)	pass	X
Cadmium	< LOQ	0.50	mg/kg	0.0119	2201656	02/24/22	AOAC 2013.06 (mod.)	pass	X
Lead	< LOQ	0.50	mg/kg	0.0119	2201656	02/24/22	AOAC 2013.06 (mod.)	pass	X
Mercury	< LOQ	1.50	mg/kg	0.00597	2201656	02/24/22	AOAC 2013.06 (mod.)	pass	X

Mycotoxins									
Analyte	Result	Limits	Units	LOQ	Batch	Analyze	Method	Status	Notes
Aflatoxin B2 [†]	< LOQ	5.00	µg/kg	5.00	2201648	02/24/22	AOAC 2007.01 & EN 15	pass	
Aflatoxin B1 [†]	< LOQ	5.00	µg/kg	5.00	2201648	02/24/22	AOAC 2007.01 & EN 15	pass	
Aflatoxin G1 [†]	< LOQ	5.00	µg/kg	5.00	2201648	02/24/22	AOAC 2007.01 & EN 15	pass	
Aflatoxin G2 [†]	< LOQ	5.00	µg/kg	5.00	2201648	02/24/22	AOAC 2007.01 & EN 15	pass	
Deoxynivalenol [†]	< LOQ		µg/kg	200	2201648	02/24/22	AOAC 2007.01 & EN 15		
Fumonisin B1 [†]	< LOQ		µg/kg	200	2201648	02/24/22	AOAC 2007.01 & EN 15		
Fumonisin B2 [†]	< LOQ		µg/kg	200	2201648	02/24/22	AOAC 2007.01 & EN 15		
HT2-Toxin [†]	< LOQ		µg/kg	40.0	2201648	02/24/22	AOAC 2007.01 & EN 15		
Nivalenol [†]	< LOQ		µg/kg	400	2201648	02/24/22	AOAC 2007.01 & EN 15		
Ochratoxin A [†]	< LOQ	5.00	µg/kg	5.00	2201648	02/24/22	AOAC 2007.01 & EN 15	pass	
Ochratoxin B [†]	< LOQ		µg/kg	2.00	2201648	02/24/22	AOAC 2007.01 & EN 15		
T2-Toxin [†]	< LOQ		µg/kg	20.0	2201648	02/24/22	AOAC 2007.01 & EN 15		
Zearalenone [†]	< LOQ		µg/kg	200	2201648	02/24/22	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.

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

† = Analyte not NELAP accredited.

Units of Measure

/25g = Per 25g

cfu/g = Colony forming units per gram

g = Gram

µg/g = Microgram per gram

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

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

mg/7.9g = Milligram per 7.9g

% = Percentage of sample

% wt = µg/g divided by 10,000

Glossary of Qualifiers

X: Not ORELAP accredited.

Approved Signatory

Derrick Tanner
General Manager