



This is an amended version of report# 071999-00.
Reason: THC-Total included in percent.

Customer: Speedy Grow
Product identity: 1000mg CBD Drops Pineapple/Peach **Client/Metric ID:** Lot: SN125728
Laboratory ID: 19-005625-0007 **Sample Date:**

Summary

Potency:

Analyte per 1ml	Result	Limits	Units	LOQ	
CBC per 1ml [†]	2.13		mg/1ml	0.0315	CBD-Total per 1ml 38.4 mg/1ml
CBD per 1ml	38.4		mg/1ml	0.0315	
CBDV per 1ml [†]	0.425		mg/1ml	0.0315	CBD-Total per 30ml 1150 mg/30ml
CBG per 1ml [†]	1.58		mg/1ml	0.0315	
Δ9-THC per 1ml	1.58		mg/1ml	0.0315	THC-Total (%) 0.167 %
Analyte per 30ml	Result	Limits	Units	LOQ	
CBC per 30ml [†]	63.9		mg/30ml	0.946	
CBD per 30ml	1150		mg/30ml	0.946	
CBDV per 30ml [†]	12.7		mg/30ml	0.946	
CBG per 30ml [†]	47.4		mg/30ml	0.946	
Δ9-THC per 30ml	47.4		mg/30ml	0.946	

Residual Solvents:

All analytes passing and less than LOQ.

Pesticides:

All analytes passing and less than LOQ.

Terpenes:

Analyte	Percent by weight	Percent of Total	Analyte	Percent by weight	Percent of Total
farnesene [†]	0.103	76.79	β-Caryophyllene [†]	0.0314	23.40

Metals:

Analyte	Result	Limits
Lead	0.0831	

Microbiology:

Less than LOQ for all analytes.

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Customer: Speedy Grow
Product identity: 1000mg CBD Drops Pineapple/Peach/Mango
Client/Metric ID: Lot: SN125728
Sample Date:
Laboratory ID: 19-005625-0007
Temp: 18.9 °C
Relinquished by: Received by mail
Serving Size #1: 0.946 g
Serving Size #2: 28.38 g



Sample Results

Potency per 1ml		Batch: 1904586					
Analyte	Result	Limits	Units	LOQ	Analyze	Method	Notes
CBC per 1ml†	2.13		mg/1ml	0.0315	05/28/19	J AOAC 2015 V98-6	
CBC-A per 1ml†	< LOQ		mg/1ml	0.0315	05/28/19	J AOAC 2015 V98-6	
CBC-Total per 1ml†	2.13		mg/1ml	0.0592	05/28/19	J AOAC 2015 V98-6	
CBD per 1ml	38.4		mg/1ml	0.0315	05/28/19	J AOAC 2015 V98-6	
CBD-A per 1ml	< LOQ		mg/1ml	0.0315	05/28/19	J AOAC 2015 V98-6	
CBD-Total per 1ml	38.4		mg/1ml	0.0592	05/28/19	J AOAC 2015 V98-6	
CBDV per 1ml†	0.425		mg/1ml	0.0315	05/28/19	J AOAC 2015 V98-6	
CBDV-A per 1ml†	< LOQ		mg/1ml	0.0315	05/28/19	J AOAC 2015 V98-6	
CBDV-Total per 1ml†	0.425		mg/1ml	0.0589	05/28/19	J AOAC 2015 V98-6	
CBG per 1ml†	1.58		mg/1ml	0.0315	05/28/19	J AOAC 2015 V98-6	
CBG-A per 1ml†	< LOQ		mg/1ml	0.0315	05/28/19	J AOAC 2015 V98-6	
CBG-Total per 1ml†	1.58		mg/1ml	0.0592	05/28/19	J AOAC 2015 V98-6	
CBL per 1ml†	< LOQ		mg/1ml	0.0315	05/28/19	J AOAC 2015 V98-6	
CBN per 1ml	< LOQ		mg/1ml	0.0315	05/28/19	J AOAC 2015 V98-6	
Δ8-THC per 1ml†	< LOQ		mg/1ml	0.0315	05/28/19	J AOAC 2015 V98-6	
Δ9-THC per 1ml	1.58		mg/1ml	0.0315	05/28/19	J AOAC 2015 V98-6	
THC-A per 1ml	< LOQ		mg/1ml	0.0315	05/28/19	J AOAC 2015 V98-6	
THC-Total per 1ml	1.58		mg/1ml	0.0592	05/28/19	J AOAC 2015 V98-6	
THCV per 1ml†	< LOQ		mg/1ml	0.0315	05/28/19	J AOAC 2015 V98-6	
THCV-A per 1ml†	< LOQ		mg/1ml	0.0315	05/28/19	J AOAC 2015 V98-6	
THCV-Total per 1ml†	< LOQ		mg/1ml	0.0589	05/28/19	J AOAC 2015 V98-6	

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



Job Number: 19-005625
Report Number: 071999-01
Report Date: 05/30/2019
ORELAP#: OR100028
Purchase Order:
Received: 05/17/19 10:00

Potency per 30ml Batch: 1904586

Analyte	Result	Limits	Units	LOQ	Analyze	Method	Notes
CBC per 30ml [†]	63.9		mg/30ml	0.946	05/28/19	J AOAC 2015 V98-6	
CBC-A per 30ml [†]	< LOQ		mg/30ml	0.946	05/28/19	J AOAC 2015 V98-6	
CBC-Total per 30ml [†]	63.9		mg/30ml	1.78	05/28/19	J AOAC 2015 V98-6	
CBD per 30ml	1150		mg/30ml	0.946	05/28/19	J AOAC 2015 V98-6	
CBD-A per 30ml	< LOQ		mg/30ml	0.946	05/28/19	J AOAC 2015 V98-6	
CBD-Total per 30ml	1150		mg/30ml	1.78	05/28/19	J AOAC 2015 V98-6	
CBDV per 30ml [†]	12.7		mg/30ml	0.946	05/28/19	J AOAC 2015 V98-6	
CBDV-A per 30ml [†]	< LOQ		mg/30ml	0.946	05/28/19	J AOAC 2015 V98-6	
CBDV-Total per 30ml [†]	12.7		mg/30ml	1.77	05/28/19	J AOAC 2015 V98-6	
CBG per 30ml [†]	47.4		mg/30ml	0.946	05/28/19	J AOAC 2015 V98-6	
CBG-A per 30ml [†]	< LOQ		mg/30ml	0.946	05/28/19	J AOAC 2015 V98-6	
CBG-Total per 30ml [†]	47.4		mg/30ml	1.78	05/28/19	J AOAC 2015 V98-6	
CBL per 30ml [†]	< LOQ		mg/30ml	0.946	05/28/19	J AOAC 2015 V98-6	
CBN per 30ml	< LOQ		mg/30ml	0.946	05/28/19	J AOAC 2015 V98-6	
Δ8-THC per 30ml [†]	< LOQ		mg/30ml	0.946	05/28/19	J AOAC 2015 V98-6	
Δ9-THC per 30ml	47.4		mg/30ml	0.946	05/28/19	J AOAC 2015 V98-6	
THC-A per 30ml	< LOQ		mg/30ml	0.946	05/28/19	J AOAC 2015 V98-6	
THC-Total per 30ml	47.4		mg/30ml	1.78	05/28/19	J AOAC 2015 V98-6	
THCV per 30ml [†]	< LOQ		mg/30ml	0.946	05/28/19	J AOAC 2015 V98-6	
THCV-A per 30ml [†]	< LOQ		mg/30ml	0.946	05/28/19	J AOAC 2015 V98-6	
THCV-Total per 30ml [†]	< LOQ		mg/30ml	1.77	05/28/19	J AOAC 2015 V98-6	

Microbiology

Analyte	Result	Limits	Units	LOQ	Batch	Analyze	Method	Notes
E.coli	< LOQ		cfu/g	10	1904393	05/20/19	AOAC 991.14 (Petrifilm)	X
Total Coliforms	< LOQ		cfu/g	10	1904393	05/20/19	AOAC 991.14 (Petrifilm)	X

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Solvents					Method SOPC503					Units µg/g		Batch 1904387		Analyze 05/17/19 05:07 PM	
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	< LOQ		200						
2-Methylpentane	< LOQ		30.0			2-Propanol (IPA)	< LOQ	5000	200	pass					
2,2-Dimethylbutane	< LOQ		30.0			2,2-Dimethylpropane	< 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	30.0	pass					
Hexanes (sum)	< LOQ	290	150	pass		Isopropyl acetate	< LOQ	5000	200	pass					
Isopropylbenzene	< LOQ	70.0	30.0	pass		m,p-Xylene	< LOQ		200						
Methanol	< LOQ	3000	200	pass		Methylene chloride	< LOQ	600	200	pass					
Methylpropane	< 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	< LOQ	2170	600	pass					

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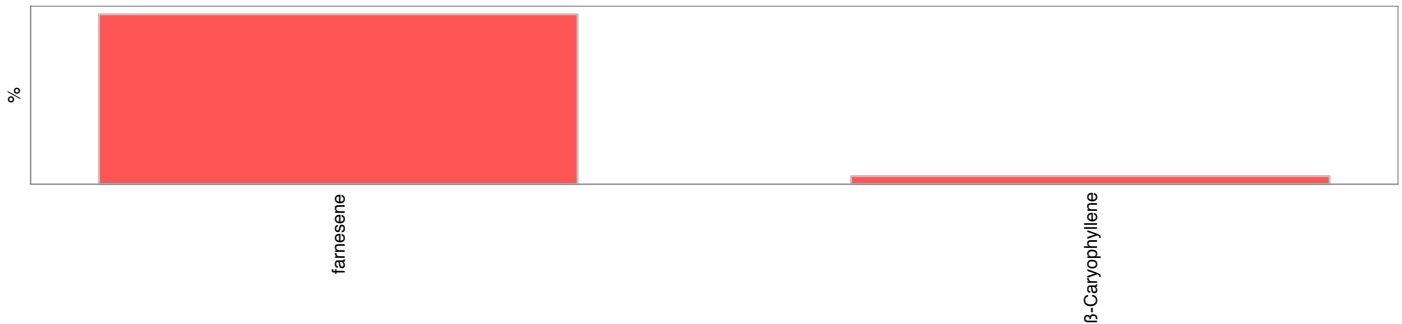


Pesticides											
Method AOAC 2007.01 & EN 15662 (mod) Units mg/kg Batch 1904530 Analyze 05/22/19 04:32 PM											
Analyte	Result	Limits	LOQ	Status	Notes	Analyte	Result	Limits	LOQ	Status	Notes
Abamectin	< LOQ	0.50	0.250	pass		Acephate	< LOQ	0.40	0.250	pass	
Acequinocyl	< LOQ	2.0	1.00	pass		Acetamiprid	< LOQ	0.20	0.100	pass	
Aldicarb	< LOQ	0.40	0.200	pass		Azoxystrobin	< LOQ	0.20	0.100	pass	
Bifenazate	< LOQ	0.20	0.100	pass		Bifenthrin	< LOQ	0.20	0.100	pass	
Boscalid	< LOQ	0.40	0.100	pass		Carbaryl	< LOQ	0.20	0.100	pass	
Carbofuran	< LOQ	0.20	0.100	pass		Chlorantraniliprole	< LOQ	0.20	0.100	pass	
Chlorfenapyr	< LOQ	1.0	0.500	pass		Chlorpyrifos	< LOQ	0.20	0.100	pass	
Clofentezine	< LOQ	0.20	0.100	pass		Cyfluthrin (incl.	< LOQ	1.0	0.500	pass	
Cypermethrin	< LOQ	1.0	0.500	pass		Daminozide	< LOQ	1.0	0.500	pass	
Diazinon	< LOQ	0.20	0.100	pass		Dichlorvos	< LOQ	1.0	0.500	pass	
Dimethoate	< LOQ	0.20	0.100	pass		Ethoprophos	< LOQ	0.20	0.100	pass	
Etofenprox	< LOQ	0.40	0.200	pass		Etoxazole	< LOQ	0.20	0.100	pass	
Fenoxycarb	< LOQ	0.20	0.100	pass		Fenpyroximate	< LOQ	0.40	0.200	pass	
Fipronil	< LOQ	0.40	0.200	pass		Fonicamid	< LOQ	1.0	0.400	pass	
Fludioxonil	< LOQ	0.40	0.200	pass		Hexythiazox	< LOQ	1.0	0.400	pass	
Imazalil	< LOQ	0.20	0.100	pass		Imidacloprid	< LOQ	0.40	0.200	pass	
Kresoxim-methyl	< LOQ	0.40	0.200	pass		Malathion	< LOQ	0.20	0.100	pass	
Metalaxyl	< LOQ	0.20	0.100	pass		Methiocarb	< LOQ	0.20	0.100	pass	
Methomyl	< LOQ	0.40	0.200	pass		MGK-264	< LOQ	0.20	0.100	pass	
Myclobutanil	< LOQ	0.20	0.100	pass		Naled	< LOQ	0.50	0.250	pass	
Oxamyl	< LOQ	1.0	0.500	pass		Paclobutrazole	< LOQ	0.40	0.200	pass	
Parathion-Methyl	< LOQ	0.20	0.200	pass		Permethrin	< LOQ	0.20	0.100	pass	
Phosmet	< LOQ	0.20	0.100	pass		Piperonyl butoxide	< LOQ	2.0	1.00	pass	
Prallethrin	< LOQ	0.20	0.100	pass		Propiconazole	< LOQ	0.40	0.200	pass	
Propoxur	< LOQ	0.20	0.100	pass		Pyrethrin I (total)	< LOQ	1.0	0.500	pass	
Pyridaben	< LOQ	0.20	0.100	pass		Spinosad	< LOQ	0.20	0.100	pass	
Spiromesifen	< LOQ	0.20	0.100	pass		Spirotetramat	< LOQ	0.20	0.100	pass	
Spiroxamine	< LOQ	0.40	0.200	pass		Tebuconazole	< LOQ	0.40	0.200	pass	
Thiacloprid	< LOQ	0.20	0.100	pass		Thiamethoxam	< LOQ	0.20	0.100	pass	
Trifloxystrobin	< LOQ	0.20	0.100	pass							

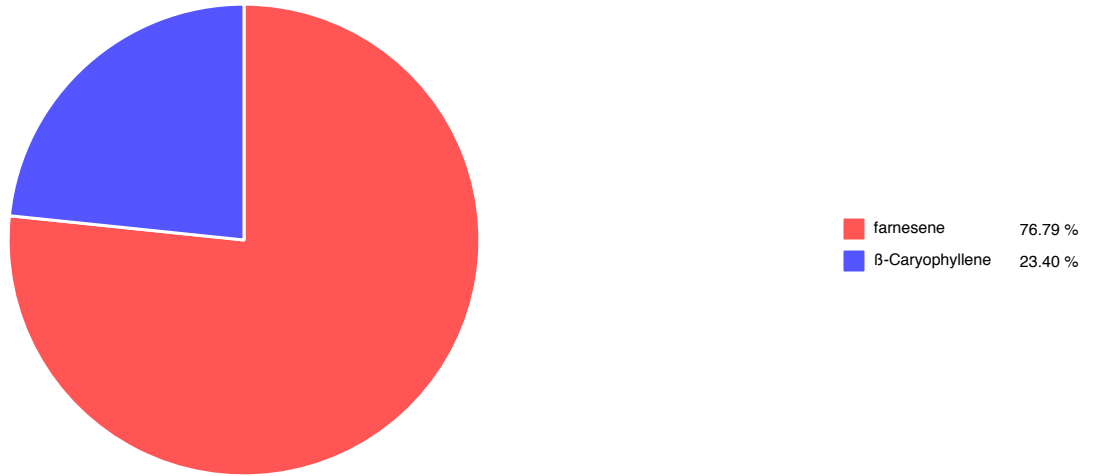
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Terpenes					Method J AOAC 2015 V98-6					Units %		Batch 1904454		Analyze 05/21/19 09:03 AM	
Analyte	Result	LOQ	% of Total	Notes	Analyte	Result	LOQ	% of Total	Notes						
farnesene [†]	0.103	0.020	76.79%		β-Caryophyllene [†]	0.0314	0.020	23.40%							
(-)-a-Terpineol [†]	< LOQ	0.020	0.00%		(-)-caryophyllene oxide [†]	< LOQ	0.020	0.00%							
(-)-Guaiol [†]	< LOQ	0.020	0.00%		(-)-Isopulegol [†]	< LOQ	0.020	0.00%							
(-)-β-Pinene [†]	< LOQ	0.020	0.00%		(+)-Borneol [†]	< LOQ	0.020	0.00%							
(+)-Cedrol [†]	< LOQ	0.020	0.00%		(+)-fenchol [†]	< LOQ	0.020	0.00%							
(+)-Pulegone [†]	< LOQ	0.020	0.00%		(±)-Camphor [†]	< LOQ	0.020	0.00%							
(±)-cis-Nerolidol [†]	< LOQ	0.020	0.00%		(±)-fenchone [†]	< LOQ	0.020	0.00%							
(±)-trans-Nerolidol [†]	< LOQ	0.020	0.00%		(R)-(+)-Limonene [†]	< LOQ	0.020	0.00%							
a-Bisabolol [†]	< LOQ	0.020	0.00%		a-cedrene [†]	< LOQ	0.020	0.00%							
a-phellandrene [†]	< LOQ	0.020	0.00%		a-pinene [†]	< LOQ	0.020	0.00%							
a-Terpinene [†]	< LOQ	0.020	0.00%		Camphene [†]	< LOQ	0.020	0.00%							
cis-β-Ocimene [†]	< LOQ	0.006	0.00%		d-3-Carene [†]	< LOQ	0.020	0.00%							
Eucalyptol [†]	< LOQ	0.020	0.00%		gamma-Terpinene [†]	< LOQ	0.020	0.00%							
Geraniol [†]	< LOQ	0.020	0.00%		Geranyl acetate [†]	< LOQ	0.020	0.00%							
Humulene [†]	< LOQ	0.020	0.00%		Isoborneol [†]	< LOQ	0.020	0.00%							
Linalool [†]	< LOQ	0.020	0.00%		Menthol [†]	< LOQ	0.020	0.00%							
nerol [†]	< LOQ	0.020	0.00%		p-Cymene [†]	< LOQ	0.020	0.00%							
Sabinene [†]	< LOQ	0.020	0.00%		Sabinene hydrate [†]	< LOQ	0.020	0.00%							
β-Myrcene [†]	< LOQ	0.020	0.00%		Terpinolene [†]	< LOQ	0.020	0.00%							
trans-β-Ocimene [†]	< LOQ	0.013	0.00%		valencene [†]	< LOQ	0.020	0.00%							
Total Terpenes	0.13														



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Metals								
Analyte	Result	Limits	Units	LOQ	Batch	Analyze	Method	Notes
Arsenic	< LOQ		mg/kg	0.0469	1904594	05/23/19	AOAC 2013.06	X
Cadmium	< LOQ		mg/kg	0.0469	1904594	05/23/19	AOAC 2013.06	X
Lead	0.0831		mg/kg	0.0469	1904594	05/23/19	AOAC 2013.06	X
Mercury	< LOQ		mg/kg	0.0235	1904594	05/23/19	AOAC 2013.06	X

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Abbreviations

Limits: Action Levels per OAR-333-007-0400, OAR-333-007-0210, OAR-333-007-0220

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

µg/g = Microgram per gram

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

mg/0.95g = Milligram per 0.95g

mg/28.38g = Milligram per 28.38g

% = Percentage of sample

% wt = µg/g divided by 10,000

Glossary of Qualifiers

X: Not ORELAP accredited.

Approved Signatory

Derrick Tanner
General Manager