



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



**Report Number:** 20-010664/D08.R01  
**Report Date:** 10/30/2020  
**ORELAP#:** OR100028  
**Purchase Order:**  
**Received:** 10/01/20 16:49

This is an amended version of report# 20-010664/D08.R00.  
 Reason: Updated lot codes.

**Customer:** Sentia Wellness  
**Product identity:** Blood Orange 750mg Drops Lot HDTO-1336  
**Client/Metric ID:** LDR-2036  
**Laboratory ID:** 20-010664-0001 **Sample Date:** 10/01/20

### Summary

**Potency:**

Analyte	Result	Limits	Units	Status	
CBC	0.0104		%		CBD-Total (%) 2.91%
CBD	2.91		%		
CBDV <sup>†</sup>	0.0132		%		CBD-Total per 1ml 32.0 mg/1ml
Analyte per 1ml	Result	Limits	Units	Status	
CBC per 1ml	0.114		mg/1ml		CBD-Total per 30ml 960 mg/30ml
CBD per 1ml	32.0		mg/1ml		
CBDV per 1ml	0.145		mg/1ml		THC-Total (%) <LOQ
Analyte per 30ml	Result	Limits	Units	Status	(Reported in milligrams per serving)
CBC per 30ml	3.43		mg/30ml		
CBD per 30ml	960		mg/30ml		
CBDV per 30ml	4.36		mg/30ml		

**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.

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 333-007-0430



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**Customer:** Sentia Wellness  
 PO Box 5665  
 Portland Oregon 97228  
 United States

**Product identity:** Blood Orange 750mg Drops Lot HDTO-1336

**Client/Metric ID:** LDR-2036

**Sample Date:** 10/01/20

**Laboratory ID:** 20-010664-0001

**Relinquished by:** Client

**Temp:** 24.3 °C

**Serving Size #1:** 1.1 g

**Serving Size #2:** 33 g

**Density:** 0.9464 g/ml

**Density:** 1.100 g/ml

### Sample Results

Potency	Method J AOAC 2015 V98-6 (mod)	Batch: 2008198	Analyze: 10/5/20 11:05:00 PM		
Analyte	Result	Limits	Units	LOQ	Notes
CBC	0.0104		%	0.0032	
CBC-A†	< LOQ		%	0.0032	
CBC-Total†	0.0104		%	0.0060	
CBD	2.91		%	0.0320	
CBD-A	< LOQ		%	0.0032	
CBD-Total	2.91		%	0.0348	
CBDV†	0.0132		%	0.0032	
CBDV-A†	< LOQ		%	0.0032	
CBDV-Total†	0.0132		%	0.0060	
CBG†	< LOQ		%	0.0032	
CBG-A†	< LOQ		%	0.0032	
CBG-Total	< LOQ		%	0.0060	
CBL†	< LOQ		%	0.0032	
CBN	< LOQ		%	0.0032	
Δ8-THC†	< LOQ		%	0.0032	
Δ9-THC	< LOQ		%	0.0032	
THC-A	< LOQ		%	0.0032	
THC-Total	< LOQ		%	0.0060	
THCV†	< LOQ		%	0.0032	
THCV-A†	< LOQ		%	0.0032	
THCV-Total†	< LOQ		%	0.0060	
<b>Total Cannabinoids†</b>	<b>2.93</b>		%		



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Solvents						Method EPA5021A		Units µg/g		Batch 2008125		Analyze 10/02/20 01:23 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		Ethanol <sup>l</sup>	< LOQ		200				
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									

Pesticides						Method AOAC 2007.01 & EN 15662 (mod)		Units mg/kg		Batch 2008189		Analyze 10/05/20 05:32 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	0.200	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	< 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		Flonicamid	< 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	0.200	pass		Propiconazole	< LOQ	0.40	0.200	pass			



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Pesticides											
Method AOAC 2007.01 & EN 15662 (mod) Units mg/kg Batch 2008189 Analyze 10/05/20 05:32 PM											
Analyte	Result	Limits	LOQ	Status	Notes	Analyte	Result	Limits	LOQ	Status	Notes
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							

Microbiology										
Analyte	Result	Limits	Units	LOQ	Batch	Analyze	Method	Notes		
Aerobic Plate Count	< LOQ		cfu/g	10	2008138	10/05/20	AOAC 990.12 (Petrifilm)	X		
E.coli	< LOQ		cfu/g	10	2008139	10/05/20	AOAC 991.14 (Petrifilm)	X		
Total Coliforms	< LOQ		cfu/g	10	2008139	10/05/20	AOAC 991.14 (Petrifilm)	X		
Mold (RAPID Petrifilm)	< LOQ		cfu/g	10	2008140	10/05/20	AOAC 2014.05 (RAPID)	X		
Yeast (RAPID Petrifilm)	< LOQ		cfu/g	10	2008140	10/05/20	AOAC 2014.05 (RAPID)	X		
Salmonella spp.	Negative		/15g		2008142	10/04/20	AOAC 2016.01	X,I		

Metals										
Analyte	Result	Limits	Units	LOQ	Batch	Analyze	Method	Notes		
Arsenic	< LOQ		mg/kg	0.0438	2008237	10/06/20	AOAC 2013.06 (mod.)	X		
Cadmium	< LOQ		mg/kg	0.0438	2008237	10/06/20	AOAC 2013.06 (mod.)	X		
Lead	< LOQ		mg/kg	0.0438	2008237	10/06/20	AOAC 2013.06 (mod.)	X		
Mercury	< LOQ		mg/kg	0.0219	2008237	10/06/20	AOAC 2013.06 (mod.)	X		

Mycotoxins										
Analyte	Result	Limits	Units	LOQ	Batch	Analyze	Method	Notes		
Aflatoxin B1†	< LOQ		µg/kg	5.00	2008227	10/06/20	AOAC 2007.01 & EN 15662			
Aflatoxin B2†	< LOQ		µg/kg	5.00	2008227	10/06/20	AOAC 2007.01 & EN 15662			
Aflatoxin G1†	< LOQ		µg/kg	5.00	2008227	10/06/20	AOAC 2007.01 & EN 15662			
Aflatoxin G2†	< LOQ		µg/kg	5.00	2008227	10/06/20	AOAC 2007.01 & EN 15662			
Deoxynivalenol†	< LOQ		µg/kg	200	2008227	10/06/20	AOAC 2007.01 & EN 15662			
Fumonisin B1†	< LOQ		µg/kg	200	2008227	10/06/20	AOAC 2007.01 & EN 15662			
Fumonisin B2†	< LOQ		µg/kg	200	2008227	10/06/20	AOAC 2007.01 & EN 15662			
HT2-Toxin†	< LOQ		µg/kg	40.0	2008227	10/06/20	AOAC 2007.01 & EN 15662			
Nivalenol†	< LOQ		µg/kg	400	2008227	10/06/20	AOAC 2007.01 & EN 15662			
Ochratoxin A†	< LOQ		µg/kg	5.00	2008227	10/06/20	AOAC 2007.01 & EN 15662			
Ochratoxin B†	< LOQ		µg/kg	2.00	2008227	10/06/20	AOAC 2007.01 & EN 15662			
T2-Toxin†	< LOQ		µg/kg	20.0	2008227	10/06/20	AOAC 2007.01 & EN 15662			
Zearalenone†	< LOQ		µg/kg	200	2008227	10/06/20	AOAC 2007.01 & EN 15662			

Nutrition										
Analyte	Result	Limits	Units	LOQ	Batch	Analyze	Method	Notes		
Density	0.9464		g/ml	0.1000	2008476	10/13/20	DMA 35™	X		



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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

**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**

/15g = Per 15g

cfu/g = Colony forming units per gram

g = Gram

g/ml = Gram per milliliter

µg/g = Microgram per gram

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

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

mg/1ml = Milligram per 1ml

mg/30ml = Milligram per 30ml

% = Percentage of sample

% wt = µg/g divided by 10,000

**Glossary of Qualifiers**

I: Insufficient sample received to meet method requirements.

X: Not ORELAP accredited.

Approved Signatory

Derrick Tanner  
General Manager