



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



**Report Number:** 20-010664/D09.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/D09.R00.  
Reason: Updated lot codes.

**Customer:** Sentia Wellness  
**Product identity:** Blood Orange 1500mg Drops lot HDTO-1357  
**Client/Metric ID:** LDR-2037, LDR-2038  
**Laboratory ID:** 20-010664-0002      **Sample Date:** 10/01/20

### Summary

**Potency:**

Analyte	Result	Limits	Units	Status	
CBC	0.0416		%		CBD-Total (%) 5.22%
CBD	5.22		%		
CBDV†	0.0155		%		CBD-Total per 1ml 57.4 mg/1ml
CBG†	0.0114		%		
CBL†	0.00384		%		CBD-Total per 30ml 1720 mg/30ml
CBN	0.0324		%		
Analyte per 1ml	Result	Limits	Units	Status	
CBC per 1ml	0.458		mg/1ml		THC-Total (%) <LOQ
CBD per 1ml	57.4		mg/1ml		(Reported in milligrams per serving)
CBDV per 1ml	0.171		mg/1ml		
CBG per 1ml	0.125		mg/1ml		
CBL per 1ml	0.0422		mg/1ml		
CBN per 1ml	0.356		mg/1ml		
Analyte per 30ml	Result	Limits	Units	Status	
CBC per 30ml	13.7		mg/30ml		
CBD per 30ml	1720		mg/30ml		
CBDV per 30ml	5.12		mg/30ml		
CBG per 30ml	3.76		mg/30ml		
CBL per 30ml	1.27		mg/30ml		
CBN per 30ml	10.7		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.



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

**Product identity:** Blood Orange 1500mg Drops lot HDTO-1357  
**Client/Metric ID:** LDR-2037, LDR-2038  
**Sample Date:** 10/01/20  
**Laboratory ID:** 20-010664-0002  
**Relinquished by:** Client  
**Temp:** 24.3 °C  
**Serving Size #1:** 1.1 g  
**Serving Size #2:** 33 g  
**Density:** 0.9489 g/ml  
**Density:** 1.100 g/ml

### Sample Results

Potency	Method J AOAC 2015 V98-6 (mod)	Batch: 2008198	Analyze: 10/5/20 11:38:00 PM		
Analyte	Result	Limits	Units	LOQ	Notes
CBC	0.0416		%	0.0032	
CBC-A†	< LOQ		%	0.0032	
CBC-Total†	0.0416		%	0.0061	
CBD	5.22		%	0.0325	
CBD-A	< LOQ		%	0.0032	
CBD-Total	5.22		%	0.0353	
CBDV†	0.0155		%	0.0032	
CBDV-A†	< LOQ		%	0.0032	
CBDV-Total†	0.0155		%	0.0061	
CBG†	0.0114		%	0.0032	
CBG-A†	< LOQ		%	0.0032	
CBG-Total	0.0114		%	0.0061	
CBL†	0.00384		%	0.0032	
CBN	0.0324		%	0.0032	
Δ8-THC†	< LOQ		%	0.0032	
Δ9-THC	< LOQ		%	0.0032	
THC-A	< LOQ		%	0.0032	
THC-Total	< LOQ		%	0.0061	
THCV†	< LOQ		%	0.0032	
THCV-A†	< LOQ		%	0.0032	
THCV-Total†	< LOQ		%	0.0061	
<b>Total Cannabinoids†</b>	<b>5.32</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	0.0399	2008237	10/06/20	AOAC 2013.06 (mod.)	X		
Cadmium	< LOQ		mg/kg	0.0399	2008237	10/06/20	AOAC 2013.06 (mod.)	X		
Lead	< LOQ		mg/kg	0.0399	2008237	10/06/20	AOAC 2013.06 (mod.)	X		
Mercury	< LOQ		mg/kg	0.0200	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	0.9489		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