



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



**Report Number:** 21-001720/D02.R01  
**Report Date:** 02/24/2021  
**ORELAP#:** OR100028  
**Purchase Order:**  
**Received:** 02/18/21 16:26

This is an amended version of report# 21-001720/D02.R00.  
Reason: Combine results with report 10-010962/D05.R00.

**Product identity:** ZUM XR 50mg Time Release **Client/Metric ID:** .  
**Laboratory ID:** 19-010962-0005 **Sample Date:** 09/11/19 14:00

### Summary

#### Potency:

Analyte	Result	Limits	Units	LOQ		
CBC†	0.865		%	0.09	CBD-Total (%)	33.8%
CBD	33.8		%	0.89	CBD-Total per 0.19g	65.6 mg/0.19g
CBDV†	0.169		%	0.09	THC-Total (%)	< LOQ
CBG†	0.175		%	0.09		
CBN	0.237		%	0.09		
Analyte per 0.19g	Result	Limits	Units	LOQ		
CBC per 0.19g†	1.68		mg/0.19g	0.19		
CBD per 0.19g	65.6		mg/0.19g	0.19		
CBDV per 0.19g†	0.328		mg/0.19g	0.19		
CBG per 0.19g†	0.340		mg/0.19g	0.19		
CBN per 0.19g	0.460		mg/0.19g	0.19		

#### Residual Solvents:

All analytes passing and less than LOQ.

#### Pesticides:

All analytes passing and less than LOQ.

**Customer:** Sentia Wellness  
**Product identity:** Social CBD Capsules XR 1500mg 30ct Lot TRC-04  
**Client/Metric ID:** .  
**Laboratory ID:** 21-001720-0001 **Sample Date:** 02/18/21

### Summary

#### Metals:

Analyte	Result	Units	Analyte	Result	Unit
Cadmium	0.223	mg/kg	Lead	0.0863	mg/kg
Arsenic	0.0421	mg/kg			

#### Microbiology:

Analyte	Result	Units
Aerobic Plate Count	160	cfu/g



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**Customer:** Sentia Wellness  
 3931 NE Columbia Blvd  
 Portland Oregon 97211  
 United States

**Product identity:** ZUM XR 50mg Time Release

**Client/Metric ID:** .

**Sample Date:** 09/11/19 14:00

**Laboratory ID:** 19-010962-0005

**Relinquished by:** Sentia Wellness - see COC

**Temp:** 23 °C

**Serving Size #1:** 0.194 g

### Sample Results

Potency		Batch: 1908305					
Analyte	Result	Limits	Units	LOQ	Analyze	Method	Notes
CBC <sup>†</sup>	0.865		%	0.0894	09/13/19	J AOAC 2015 V98-6	
CBC-A <sup>†</sup>	< LOQ		%	0.0894	09/13/19	J AOAC 2015 V98-6	
CBC-Total <sup>†</sup>	0.865		%	0.168	09/17/19	J AOAC 2015 V98-6	
CBD	33.8		%	0.894	09/13/19	J AOAC 2015 V98-6	
CBD-A	< LOQ		%	0.0894	09/13/19	J AOAC 2015 V98-6	
CBD-Total	33.8		%	0.972	09/17/19	J AOAC 2015 V98-6	
CBDV <sup>†</sup>	0.169		%	0.0894	09/13/19	J AOAC 2015 V98-6	
CBDV-A <sup>†</sup>	< LOQ		%	0.0894	09/13/19	J AOAC 2015 V98-6	
CBDV-Total <sup>†</sup>	0.169		%	0.167	09/17/19	J AOAC 2015 V98-6	
CBG <sup>†</sup>	0.175		%	0.0894	09/13/19	J AOAC 2015 V98-6	
CBG-A <sup>†</sup>	< LOQ		%	0.0894	09/13/19	J AOAC 2015 V98-6	
CBG-Total <sup>†</sup>	0.175		%	0.167	09/17/19	J AOAC 2015 V98-6	
CBL <sup>†</sup>	< LOQ		%	0.0894	09/13/19	J AOAC 2015 V98-6	
CBN	0.237		%	0.0894	09/13/19	J AOAC 2015 V98-6	
Δ8-THC <sup>†</sup>	< LOQ		%	0.0894	09/13/19	J AOAC 2015 V98-6	
Δ9-THC	< LOQ		%	0.0894	09/13/19	J AOAC 2015 V98-6	
THC-A	< LOQ		%	0.0894	09/13/19	J AOAC 2015 V98-6	
THC-Total	< LOQ		%	0.168	09/17/19	J AOAC 2015 V98-6	
THCV <sup>†</sup>	< LOQ		%	0.0894	09/13/19	J AOAC 2015 V98-6	
THCV-A <sup>†</sup>	< LOQ		%	0.0894	09/13/19	J AOAC 2015 V98-6	
THCV-Total <sup>†</sup>	< LOQ		%	0.167	09/17/19	J AOAC 2015 V98-6	



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Solvents					Method EPA5021A					Batch 1908257					Analyze 09/13/19 01:41 PM				
Analyte	Result	Limits	LOQ	Status	Notes	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 1908300 Analyze 09/16/19 12:11 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		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	0.100	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							

This sample was selected and submitted by the client. Test results are representative of the individual sample.



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

**Product identity:** Social CBD Capsules XR 1500mg 30ct Lot TRC-04

**Client/Metric ID:** .

**Sample Date:** 02/18/21

**Laboratory ID:** 21-001720-0001

**Temp:** 17 °C

### Sample Results

#### Microbiology

Analyte	Result	Limits	Units	LOQ	Batch	Analyze	Method	Notes
Aerobic Plate Count	160		cfu/g	10	2101476	02/21/21	AOAC 990.12 (Petrifilm)	X, I
E.coli	< LOQ		cfu/g	10	2101473	02/21/21	AOAC 991.14 (Petrifilm)	X, I
Total Coliforms	< LOQ		cfu/g	10	2101473	02/21/21	AOAC 991.14 (Petrifilm)	X, I
Mold (RAPID Petrifilm)	< LOQ		cfu/g	10	2101475	02/21/21	AOAC 2014.05 (RAPID)	X, I
Yeast (RAPID Petrifilm)	< LOQ		cfu/g	10	2101475	02/21/21	AOAC 2014.05 (RAPID)	X, I
Salmonella spp. by PCR	Negative		/1g		2101478	02/20/21	AOAC 2020.02	X, I

#### Metals

Analyte	Result	Limits	Units	LOQ	Batch	Analyze	Method	Notes
Arsenic	0.0421		mg/kg	0.0243	2101638	02/23/21	AOAC 2013.06 (mod.)	X
Cadmium	0.223		mg/kg	0.0243	2101638	02/23/21	AOAC 2013.06 (mod.)	X
Lead	0.0863		mg/kg	0.0243	2101638	02/23/21	AOAC 2013.06 (mod.)	X
Mercury	< LOQ		mg/kg	0.0122	2101638	02/23/21	AOAC 2013.06 (mod.)	X

#### Mycotoxins

Analyte	Result	Limits	Units	LOQ	Batch	Analyze	Method	Notes
Aflatoxin B1†	< LOQ		µg/kg	5.00	2101634	02/23/21	AOAC 2007.01 & EN 15662	
Aflatoxin B2†	< LOQ		µg/kg	5.00	2101634	02/23/21	AOAC 2007.01 & EN 15662	
Aflatoxin G1†	< LOQ		µg/kg	5.00	2101634	02/23/21	AOAC 2007.01 & EN 15662	
Aflatoxin G2†	< LOQ		µg/kg	5.00	2101634	02/23/21	AOAC 2007.01 & EN 15662	
Deoxynivalenol†	< LOQ		µg/kg	200	2101634	02/23/21	AOAC 2007.01 & EN 15662	
Fumonisin B1†	< LOQ		µg/kg	200	2101634	02/23/21	AOAC 2007.01 & EN 15662	
Fumonisin B2†	< LOQ		µg/kg	200	2101634	02/23/21	AOAC 2007.01 & EN 15662	
HT2-Toxin†	< LOQ		µg/kg	40.0	2101634	02/23/21	AOAC 2007.01 & EN 15662	
Nivalenol†	< LOQ		µg/kg	400	2101634	02/23/21	AOAC 2007.01 & EN 15662	
Ochratoxin A†	< LOQ		µg/kg	5.00	2101634	02/23/21	AOAC 2007.01 & EN 15662	
Ochratoxin B†	< LOQ		µg/kg	2.00	2101634	02/23/21	AOAC 2007.01 & EN 15662	
T2-Toxin†	< LOQ		µg/kg	20.0	2101634	02/23/21	AOAC 2007.01 & EN 15662	
Zearalenone†	< LOQ		µg/kg	200	2101634	02/23/21	AOAC 2007.01 & EN 15662	



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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

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

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

/1g = Per 1 gram

% 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