



<b>SPTN @BB51-23(A)</b>		NR: Not Reported ND: Not Detected LOQ: Limit Of Quantitation $1\text{ g} = 10^3\text{ kg} = 10^3\text{ mg} = 10^6\text{ }\mu\text{g}$ $1\text{ mg/kg} = 1\text{ ppm} = 1000\text{ ppb}$
<b>STANDARD POTENCY TINCTURE</b>	Serving Size: 1 ml	
Pixis Labs	Oregon Accreditation: OR100028	

POTENCY	RESULT	REGULATORY ACTION LEVEL
Cannabidiol (CBD)	16.0 mg/serving	N/A
Total THC (d9-THC + d8-THC)	0.63 mg/serving	3 mg/g
Cannabigerol (CBG)	0.80 mg/serving	N/A
Cannabinol (CBN)	<LOQ	N/A
Cannabichromene (CBC)	0.89 mg/serving	N/A

HEAVY METALS	RESULT	REGULATORY ACTION LEVEL
Arsenic	<LOQ	10 $\mu\text{g/day}$ <sup>[1]</sup>
Cadmium	<LOQ	4.1 $\mu\text{g/day}$ <sup>[1]</sup>
Lead	<LOQ	3.5 $\mu\text{g/day}$ <sup>[2]</sup>
Mercury	<LOQ	2 $\mu\text{g/day}$ <sup>[1]</sup>

PESTICIDES	REGULATORY ACTION LEVEL
None of the 59 pesticides tested found above limit of detection in the sample.	10 ppb <sup>[1]</sup>

- American Herbal Pharmacopoeia. (2014). *Cannabis Inflorescence: Standards of Identity, Analysis, and Quality Control*. Washington DC: AHP.
- US Food and Drug Administration. (2019). *Lead in Food, Foodwares, and Dietary Supplements*. Washington DC: FDA. US Food and Drug Administration. (2019). *Lead in Food, Foodwares, and Dietary Supplements*. Washington DC: FDA.



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



**Job Number:** 19-003290  
**Report Number:** 19-003290-00  
**Report Date:** 03/29/2019  
**ORELAP#:** OR100028  
**Purchase Order:**  
**Received:** 03/27/19 10:35

**Product identity:** @BB51-23(A) SPTN  
**Laboratory ID:** 19-003290-0007

**Client/Metric ID:** .  
**Sample Date:** 03/25/19

### Summary

**Potency:**

Analyte per 1ml	Result	Limits	Units	LOQ	
CBC per 1ml <sup>†</sup>	0.899		mg/1ml	0.0309	CBD-Total per 1ml 16.0 mg/1ml
CBD per 1ml	16.0		mg/1ml	0.0309	
CBDV per 1ml <sup>†</sup>	0.0834		mg/1ml	0.0309	THC-Total per 1ml 0.628 mg/1ml
CBG per 1ml <sup>†</sup>	0.800		mg/1ml	0.0309	
Δ9-THC per 1ml	0.628		mg/1ml	0.0309	

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 Pixis 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 kept a maximum of 15 days from the report date unless prior arrangements have been made.



**Customer:** Lazarus Naturals

**Product identity:** @BB51-23(A) SPTN  
**Client/Metric ID:** 03/25/19  
**Sample Date:** 19-003290-0007 Received  
**Laboratory ID:** By Mail  
**Relinquished by:** 20 °C  
**Temp:** 0.927 g  
**Serving Size #1:**

### Sample Results

Potency per 0.93g		Batch: 1902670					
Analyte	Result	Limits	Units	LOQ	Analyze	Method	Notes
CBC per 1ml <sup>†</sup>	0.899		mg/1ml	0.0309	03/29/19	J AOAC 2015 V98-6	
CBC-A per 1ml <sup>†</sup>	< LOQ		mg/1ml	0.0309	03/29/19	J AOAC 2015 V98-6	
CBC-Total per 1ml <sup>†</sup>	0.899		mg/1ml	0.0580	03/29/19	J AOAC 2015 V98-6	
CBD per 1ml	16.0		mg/1ml	0.0309	03/29/19	J AOAC 2015 V98-6	
CBD-A per 1ml	< LOQ		mg/1ml	0.0309	03/29/19	J AOAC 2015 V98-6	
CBD-Total per 1ml	16.0		mg/1ml	0.0580	03/29/19	J AOAC 2015 V98-6	
CBDV per 1ml <sup>†</sup>	0.0834		mg/1ml	0.0309	03/29/19	J AOAC 2015 V98-6	
CBDV-A per 1ml <sup>†</sup>	< LOQ		mg/1ml	0.0309	03/29/19	J AOAC 2015 V98-6	
CBDV-Total per 1ml <sup>†</sup>	0.0834		mg/1ml	0.0577	03/29/19	J AOAC 2015 V98-6	
CBG per 1ml <sup>†</sup>	0.800		mg/1ml	0.0309	03/29/19	J AOAC 2015 V98-6	
CBG-A per 1ml <sup>†</sup>	< LOQ		mg/1ml	0.0309	03/29/19	J AOAC 2015 V98-6	
CBG-Total per 1ml <sup>†</sup>	0.800		mg/1ml	0.0580	03/29/19	J AOAC 2015 V98-6	
CBL per 1ml <sup>†</sup>	< LOQ		mg/1ml	0.0309	03/29/19	J AOAC 2015 V98-6	
CBN per 1ml	< LOQ		mg/1ml	0.0309	03/29/19	J AOAC 2015 V98-6	
Δ8-THC per 1ml <sup>†</sup>	< LOQ		mg/1ml	0.0309	03/29/19	J AOAC 2015 V98-6	
Δ9-THC per 1ml	0.628		mg/1ml	0.0309	03/29/19	J AOAC 2015 V98-6	
THC-A per 1ml	< LOQ		mg/1ml	0.0309	03/29/19	J AOAC 2015 V98-6	
THC-Total per 1ml	0.628		mg/1ml	0.0580	03/29/19	J AOAC 2015 V98-6	
THCV per 1ml <sup>†</sup>	< LOQ		mg/1ml	0.0309	03/29/19	J AOAC 2015 V98-6	
THCV-A per 1ml <sup>†</sup>	< LOQ		mg/1ml	0.0309	03/29/19	J AOAC 2015 V98-6	
THCV-Total per 1ml <sup>†</sup>	< LOQ		mg/1ml	0.0577	03/29/19	J AOAC 2015 V98-6	

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



**Job Number:** 19-003290  
**Report Number:** 19-003290-00  
**Report Date:** 04/03/2019  
**ORELAP#:** OR100028  
**Purchase Order:**  
**Received:** 03/27/19 10:35

**Product identity:** @BB51-23(A) SPTN  
**Laboratory ID:** 19-003290-0001

**Client/Metric ID:** .  
**Sample Date:** 03/25/19

### Summary

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**Metals:**

Less than LOQ for all analytes.

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Testing in accordance with:



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



**Job Number:** 19-003290  
**Report Number:** 19-003290-00  
**Report Date:** 04/03/2019  
**ORELAP#:** OR100028  
**Purchase Order:**  
**Received:** 03/27/19 10:35

**Customer:** Lazarus Naturals

**Product identity:** @BB51-23(A) SPTN  
**Client/Metric ID:** .  
**Sample Date:** 03/25/19  
**Laboratory ID:** 19-003290-0001  
**Relinquished by:** Received By Mail  
**Temp:** 20 °C

### Sample Results

Metals								
Analyte	Result	Limits	Units	LOQ	Batch	Analyze	Method	Notes
Arsenic	< LOQ		mg/kg	0.0494	1902684	03/29/19	AOAC 2013.06 (mod)	X
Cadmium	< LOQ		mg/kg	0.0494	1902684	03/29/19	AOAC 2013.06 (mod)	X
Lead	< LOQ		mg/kg	0.0494	1902684	03/29/19	AOAC 2013.06 (mod)	X
Mercury	< LOQ		mg/kg	0.0247	1902684	03/29/19	AOAC 2013.06 (mod)	X

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Testing in accordance with:



**Customer:** Lazarus Naturals

**Product identity:** @BB51-23(A) SPTN  
**Client/Metric ID:** .  
**Sample Date:** 03/25/19  
**Laboratory ID:** 19-003290-0004  
**Relinquished by:** Received By Mail  
**Temp:** 20 °C

**Sample Results**

Pesticides											
Method AOAC 2007.01 & EN 15662 (mod) Units mg/kg Batch 1902625 Analyze 03/28/19 02:30 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		Etoxazol	< LOQ	0.20	0.100	pass	
Fenoxycarb	< LOQ	0.20	0.100	pass		Fenpyroximat	< 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	

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Pesticides											
Method AOAC 2007.01 & EN 15662 (mod) Units mg/kg Batch 1902625 Analyze 03/28/19 02:30 PM											
Analyte	Result	Limits	LOQ	Status	Notes	Analyte	Result	Limits	LOQ	Status	Notes
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		Paclbutrazole	< 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	
Spiroxamin	< LOQ	0.40	0.200	pass		Tebuconazol	< 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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