



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



**Job Number:** 19-001695  
**Report Number:** 19-001695-00  
**Report Date:** 02/21/2019  
**ORELAP#:** OR100028  
**Purchase Order:**  
**Received:** 02/19/19 10:55

This report cannot be used for ODA, OHA or OLCC compliance requirements.

**Product identity:** @BB23-14  
**Laboratory ID:** 19-001695-0001

**Client/Metric ID:** .  
**Sample Date:** 02/12/19 12:00

### Summary

**Potency:**

Analyte per 1g	Result	Limits	Units	LOQ		
CBD per 1g	66.3		mg/1g	1.00	CBD-Total per 1g	66.3 mg/1g
					THC-Total (%)	< 0.187%

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**Customer:** Lazarus Naturals  
5205 Parrish Ln  
Powell Butte Oregon 97753  
United States

**Product identity:** @BB23-14

**Client/Metric ID:** .

**Sample Date:** 02/12/19 12:00

**Laboratory ID:** 19-001695-0001

**Relinquished by:** Received By Mail

**Temp:** 22.1 °C

**Weight Received:** 0.45 g

### Sample Results

Potency	Method J AOAC 2015 V98-6			Units %	Batch 1901536	Analyze 02/20/19 08:21 PM	
Analyte	Result	Limits	Units	LOQ	Analyze	Method	Notes
CBC per 1g <sup>†</sup>	< LOQ		mg/1g	1.00	02/20/19	J AOAC 2015 V98-6	
CBC-A per 1g <sup>†</sup>	< LOQ		mg/1g	1.00	02/20/19	J AOAC 2015 V98-6	
CBC-Total per 1g <sup>†</sup>	< LOQ		mg/1g	1.88	02/20/19	J AOAC 2015 V98-6	
CBD per 1g	66.3		mg/1g	1.00	02/20/19	J AOAC 2015 V98-6	
CBD-A per 1g	< LOQ		mg/1g	1.00	02/20/19	J AOAC 2015 V98-6	
CBD-Total per 1g	66.3		mg/1g	1.88	02/20/19	J AOAC 2015 V98-6	
CBDV per 1g <sup>†</sup>	< LOQ		mg/1g	1.00	02/20/19	J AOAC 2015 V98-6	
CBDV-A per 1g <sup>†</sup>	< LOQ		mg/1g	1.00	02/20/19	J AOAC 2015 V98-6	
CBDV-Total per 1g <sup>†</sup>	< LOQ		mg/1g	1.87	02/20/19	J AOAC 2015 V98-6	
CBG per 1g <sup>†</sup>	< LOQ		mg/1g	1.00	02/20/19	J AOAC 2015 V98-6	
CBG-A per 1g <sup>†</sup>	< LOQ		mg/1g	1.00	02/20/19	J AOAC 2015 V98-6	
CBG-Total per 1g <sup>†</sup>	< LOQ		mg/1g	1.88	02/20/19	J AOAC 2015 V98-6	
CBL per 1g <sup>†</sup>	< LOQ		mg/1g	1.00	02/20/19	J AOAC 2015 V98-6	
CBN per 1g	< LOQ		mg/1g	1.00	02/20/19	J AOAC 2015 V98-6	
Δ8-THC per 1g <sup>†</sup>	< LOQ		mg/1g	1.00	02/20/19	J AOAC 2015 V98-6	
Δ9-THC per 1g	< LOQ		mg/1g	1.00	02/20/19	J AOAC 2015 V98-6	
THC-A per 1g	< LOQ		mg/1g	1.00	02/20/19	J AOAC 2015 V98-6	
THC-Total per 1g	< LOQ		mg/1g	1.88	02/20/19	J AOAC 2015 V98-6	
THCV per 1g <sup>†</sup>	< LOQ		mg/1g	1.00	02/20/19	J AOAC 2015 V98-6	
THCV-A per 1g <sup>†</sup>	< LOQ		mg/1g	1.00	02/20/19	J AOAC 2015 V98-6	
THCV-Total per 1g <sup>†</sup>	< LOQ		mg/1g	1.87	02/20/19	J AOAC 2015 V98-6	

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**Customer:** Lazarus Naturals  
5205 Parrish Ln  
Powell Butte Oregon 97753  
United States

**Product identity:** @BB23-14  
**Client/Metric ID:** .  
**Sample Date:** 02/19/19 09:30  
**Laboratory ID:** 19-002199-0001  
**Temp:** 16.8 °C  
**Relinquished by:** Received by mail

### Sample Results

Pesticides											
Method AOAC 2007.01 & EN 15662 (mod) Units mg/kg Batch 1901837 Analyze 03/05/19 08:52 AM											
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 1901837 Analyze 03/05/19 08:52 AM											
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		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		Pyrethrins (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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Portland, OR 97230  
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**Job Number:** 19-001700  
**Report Number:** 19-001700-00  
**Report Date:** 02/27/2019  
**ORELAP#:** OR100028  
**Purchase Order:**  
**Received:** 02/19/19 10:55

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**Product identity:** @BB23-14  
**Laboratory ID:** 19-001700-0001

**Client/Metric ID:** .  
**Sample Date:**

### Summary

**Residual Solvents:**

All analytes passing and less than LOQ.

**Metals:**

Analyte	Result	Limits	Analyte	Result	Limits
Arsenic	0.170		Lead	0.0824	

NOTE FROM LAZARUS NATURALS: Upon first glance, the concentration limits of certain heavy metals may seem surprising. Rest assured, these spikes stem from the food ingredients we use to formulate some of our end-products and are well within safe tolerance levels as suggested by the FDA and CDC. Such levels are 50 times below standards set forth by the American Herbal Pharmacopoeia--a volume of monographs for commonplace herbs and botanicals accepted by the dietary supplement industry as a gold standard reference for ingredient safety. In this instance, the spike in arsenic is due to the brown rice flour used for our capsules and is standard for any rice product. For context, a standard bowl of rice will contain a significantly higher concentration of arsenic than that reported in our serving sizes for our capsule products. For more information on tolerance levels of heavy metals in food, please consult our blog on the matter.

Link to blog: <https://www.lazarusnaturals.com/blog/pesticides-and-heavy-metals>

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Metals								
Analyte	Result	Limits	Units	LOQ	Batch	Analyze	Method	Notes
Arsenic	0.170		mg/kg	0.0498	1901716	02/27/19	AOAC 2013.06 (mod)	X
Cadmium	< LOQ		mg/kg	0.0498	1901716	02/27/19	AOAC 2013.06 (mod)	X
Lead	0.0824		mg/kg	0.0498	1901716	02/27/19	AOAC 2013.06 (mod)	X
Mercury	< LOQ		mg/kg	0.0249	1901716	02/27/19	AOAC 2013.06 (mod)	X

Mycotoxins								
Analyte	Result	Limits	Units	LOQ	Batch	Analyze	Method	Notes
Aflatoxin B1 <sup>†</sup>	< LOQ		µg/kg	10.0	1901549	02/21/19	AOAC 2007.01 & EN 15662	
Aflatoxin B2 <sup>†</sup>	< LOQ		µg/kg	10.0	1901549	02/21/19	AOAC 2007.01 & EN 15662	
Aflatoxin G1 <sup>†</sup>	< LOQ		µg/kg	10.0	1901549	02/21/19	AOAC 2007.01 & EN 15662	
Aflatoxin G2 <sup>†</sup>	< LOQ		µg/kg	10.0	1901549	02/21/19	AOAC 2007.01 & EN 15662	
Deoxynivalenol <sup>†</sup>	< LOQ		µg/kg	200	1901549	02/21/19	AOAC 2007.01 & EN 15662	
Fumonisin B1 <sup>†</sup>	< LOQ		µg/kg	200	1901549	02/21/19	AOAC 2007.01 & EN 15662	
Fumonisin B2 <sup>†</sup>	< LOQ		µg/kg	400	1901549	02/21/19	AOAC 2007.01 & EN 15662	
HT2-Toxin <sup>†</sup>	< LOQ		µg/kg	80.0	1901549	02/21/19	AOAC 2007.01 & EN 15662	
Nivalenol <sup>†</sup>	< LOQ		µg/kg	400	1901549	02/21/19	AOAC 2007.01 & EN 15662	
Ochratoxin A <sup>†</sup>	< LOQ		µg/kg	20.0	1901549	02/21/19	AOAC 2007.01 & EN 15662	
Ochratoxin B <sup>†</sup>	< LOQ		µg/kg	10.0	1901549	02/21/19	AOAC 2007.01 & EN 15662	
T2-Toxin <sup>†</sup>	< LOQ		µg/kg	20.0	1901549	02/21/19	AOAC 2007.01 & EN 15662	
Zearalenone <sup>†</sup>	< LOQ		µg/kg	200	1901549	02/21/19	AOAC 2007.01 & EN 15662	

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