



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



**Report Number:** 20-003061/D02.R00  
**Report Date:** 03/23/2020  
**ORELAP#:** OR100028  
**Purchase Order:**  
**Received:** 03/18/20 10:00

**Customer:** Juniper Biolabs  
**Product identity:** JB-12-30-2019  
**Client/Metric ID:** .  
**Laboratory ID:** 20-003061-0001

## Summary

### Microbiology:

*Less than LOQ for all analytes.*



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



**Report Number:** 20-003061/D02.R00  
**Report Date:** 03/23/2020  
**ORELAP#:** OR100028  
**Purchase Order:**  
**Received:** 03/18/20 10:00

**Customer:** Juniper Biolabs  
 16855 Reed Rd.  
 La Pine Oregon 97739  
 United States  
**Product identity:** JB-12-30-2019  
**Client/Metric ID:** .  
**Sample Date:**  
**Laboratory ID:** 20-003061-0001  
**Relinquished by:** Client \*See COC\*  
**Temp:** 21.5 °C

### Sample Results

#### Microbiology

Analyte	Result	Limits	Units	LOQ	Batch	Analyze	Method	Notes
E.coli	< LOQ		cfu/g	10	2002540	03/21/20	AOAC 991.14 (Petrifilm)	X
Total Coliforms	< LOQ		cfu/g	10	2002540	03/21/20	AOAC 991.14 (Petrifilm)	X
Mold (RAPID Petrifilm)	< LOQ		cfu/g	10	2002537	03/21/20	AOAC 2014.05 (RAPID)	X
Yeast (RAPID Petrifilm)	< LOQ		cfu/g	10	2002537	03/21/20	AOAC 2014.05 (RAPID)	X

#### Mycotoxins

Analyte	Result	Limits	Units	LOQ	Batch	Analyze	Method	Notes
Aflatoxin B1 <sup>†</sup>	< LOQ		µg/kg	5.00	2002596	03/20/20	AOAC 2007.01 & EN 15662	
Aflatoxin B2 <sup>†</sup>	< LOQ		µg/kg	5.00	2002596	03/20/20	AOAC 2007.01 & EN 15662	
Aflatoxin G1 <sup>†</sup>	< LOQ		µg/kg	5.00	2002596	03/20/20	AOAC 2007.01 & EN 15662	
Aflatoxin G2 <sup>†</sup>	< LOQ		µg/kg	5.00	2002596	03/20/20	AOAC 2007.01 & EN 15662	
Deoxynivalenol <sup>†</sup>	< LOQ		µg/kg	200	2002596	03/20/20	AOAC 2007.01 & EN 15662	
Fumonisin B1 <sup>†</sup>	< LOQ		µg/kg	200	2002596	03/20/20	AOAC 2007.01 & EN 15662	
Fumonisin B2 <sup>†</sup>	< LOQ		µg/kg	200	2002596	03/20/20	AOAC 2007.01 & EN 15662	
HT2-Toxin <sup>†</sup>	< LOQ		µg/kg	40.0	2002596	03/20/20	AOAC 2007.01 & EN 15662	
Nivalenol <sup>†</sup>	< LOQ		µg/kg	400	2002596	03/20/20	AOAC 2007.01 & EN 15662	
Ochratoxin A <sup>†</sup>	< LOQ		µg/kg	5.00	2002596	03/20/20	AOAC 2007.01 & EN 15662	
Ochratoxin B <sup>†</sup>	< LOQ		µg/kg	2.00	2002596	03/20/20	AOAC 2007.01 & EN 15662	
T2-Toxin <sup>†</sup>	< LOQ		µg/kg	20.0	2002596	03/20/20	AOAC 2007.01 & EN 15662	
Zearalenone <sup>†</sup>	< LOQ		µg/kg	200	2002596	03/20/20	AOAC 2007.01 & EN 15662	

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.



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



**Report Number:** 20-003061/D02.R00  
**Report Date:** 03/23/2020  
**ORELAP#:** OR100028  
**Purchase Order:**  
**Received:** 03/18/20 10:00

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**

cfu/g = Colony forming units per gram

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

% wt = µg/g divided by 10,000

**Glossary of Qualifiers**

X: Not ORELAP accredited.

Approved Signatory

Derrick Tanner  
General Manager