



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



**Report Number:** 22-001828/D002.R000  
**Report Date:** 02/23/2022  
**ORELAP#:** OR100028  
**Purchase Order:** LDB5-01252022  
**Received:** 02/16/22 14:14

**Customer:** CJ2, LLC (DBA Zentopia)  
**Product identity:** LD-PE-020122-20:45  
**Client/Metric ID:** .  
**Laboratory ID:** 22-001828-0001

### Summary

**Potency:**

Analyte per 16fl oz	Result	Limits	Units	Status	
CBD per 16fl oz	51.2		mg/16fl oz		CBD-Total per 16fl oz 51.2 mg/16fl oz
					THC-Total per 16fl oz <LOQ
					(Reported in milligrams per serving)

**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:** CJ2, LLC (DBA Zentopia)  
 92 Centennial Loop  
 Eugene Oregon 97401  
 United States of America (USA)

**Product identity:** LD-PE-020122-20:45

**Client/Metric ID:** .

**Sample Date:**

**Laboratory ID:** 22-001828-0001

**Evidence of Cooling:** No

**Temp:** 18.2 °C

**Relinquished by:** USPS

**Serving Size #1:** 473.65 g

**Density:** 1.001 g/ml

### Sample Results

Potency per 16fl oz	Method J AOAC 2015 V98-6 (mod)	Units mg/se	Batch: 2201572	Analyze: 2/23/22 10:45:00 AM	
Analyte	Result	Limits	Units	LOQ	Notes
CBC per 16fl oz <sup>†</sup>	< LOQ		mg/16fl oz	0.467	
CBC-A per 16fl oz <sup>†</sup>	< LOQ		mg/16fl oz	0.467	
CBC-Total per 16fl oz <sup>†</sup>	< LOQ		mg/16fl oz	0.877	
CBD per 16fl oz	51.2		mg/16fl oz	0.467	
CBD-A per 16fl oz	< LOQ		mg/16fl oz	0.467	
CBD-Total per 16fl oz	51.2		mg/16fl oz	0.877	
CBDV per 16fl oz <sup>†</sup>	< LOQ		mg/16fl oz	0.467	
CBDV-A per 16fl oz <sup>†</sup>	< LOQ		mg/16fl oz	0.467	
CBDV-Total per 16fl oz <sup>†</sup>	< LOQ		mg/16fl oz	0.872	
CBE per 16fl oz <sup>†</sup>	< LOQ		mg/16fl oz	0.467	
CBG per 16fl oz <sup>†</sup>	< LOQ		mg/16fl oz	0.467	
CBG-A per 16fl oz <sup>†</sup>	< LOQ		mg/16fl oz	0.467	
CBG-Total per 16fl oz <sup>†</sup>	< LOQ		mg/16fl oz	0.872	
CBL per 16fl oz <sup>†</sup>	< LOQ		mg/16fl oz	0.467	
CBL-A per 16fl oz <sup>†</sup>	< LOQ		mg/16fl oz	0.467	
CBL-Total per 16fl oz <sup>†</sup>	< LOQ		mg/16fl oz	0.877	
CBN per 16fl oz	< LOQ		mg/16fl oz	0.467	
CBT per 16fl oz <sup>†</sup>	< LOQ		mg/16fl oz	0.467	
Δ8-THCV per 16fl oz <sup>†</sup>	< LOQ		mg/16fl oz	0.467	
Δ8-THC per 16fl oz <sup>†</sup>	< LOQ		mg/16fl oz	0.467	
Δ9-THC per 16fl oz	< LOQ		mg/16fl oz	0.467	
exo-THC per 16fl oz <sup>†</sup>	< LOQ		mg/16fl oz	0.467	
THC-A per 16fl oz	< LOQ		mg/16fl oz	0.467	
THC-Total per 16fl oz	< LOQ		mg/16fl oz	0.877	
THCV per 16fl oz <sup>†</sup>	< LOQ		mg/16fl oz	0.467	
THCV-A per 16fl oz <sup>†</sup>	< LOQ		mg/16fl oz	0.467	
THCV-Total per 16fl oz <sup>†</sup>	< LOQ		mg/16fl oz	0.877	
Total Cannabinoids per 16fl oz	51.2		mg/16fl oz		



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**Microbiology**

Analyte	Result	Limits	Units	LOQ	Batch	Analyze	Method	Status	Notes
E.coli	< LOQ		cfu/g	10	2201380	02/19/22	AOAC 991.14 (Petrifilm)		X
Total Coliforms	< LOQ		cfu/g	10	2201380	02/19/22	AOAC 991.14 (Petrifilm)		X
Mold (RAPID Petrifilm)	< LOQ		cfu/g	10	2201381	02/20/22	AOAC 2014.05 (RAPID)		X
Yeast (RAPID Petrifilm)	< LOQ		cfu/g	10	2201381	02/20/22	AOAC 2014.05 (RAPID)		X

**Solvents** Method Residual Solvents by GC/MS Units µg/g Batch 2201549 Analyze 02/22/22 03:52 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 (Isopentane)	< LOQ		200		
2-Methylpentane	< LOQ		30.0			2-Propanol (IPA)	< LOQ	5000	200	pass	
2,2-Dimethylbutane	< LOQ		30.0			2,2-Dimethylpropane (neo-pentane)	< 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	20.0	pass	
Hexanes (sum)	< LOQ	290	150	pass		Isopropyl acetate	< LOQ	5000	200	pass	
Isopropylbenzene (Cumene)	< LOQ	70.0	30.0	pass		m,p-Xylene	< LOQ		200		
Methanol	< LOQ	3000	200	pass		Methylene chloride	< LOQ	600	60.0	pass	
Methylpropane (Isobutane)	< 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 benzene	< LOQ	2170	600	pass	



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Pesticides											
Method AOAC 2007.01 & EN 15662 (mod) Units mg/kg Batch 2201556 Analyze 02/23/22 09:02 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	0.200	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		Fonicamid	< 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	
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							

Metals										
Analyte	Result	Limits	Units	LOQ	Batch	Analyze	Method	Status	Notes	
Arsenic	< LOQ	0.200	mg/kg	0.00395	2201562	02/22/22	AOAC 2013.06 (mod.)	pass	X	
Cadmium	< LOQ	0.200	mg/kg	0.00395	2201562	02/22/22	AOAC 2013.06 (mod.)	pass	X	
Lead	< LOQ	0.500	mg/kg	0.00395	2201562	02/22/22	AOAC 2013.06 (mod.)	pass	X	
Mercury	< LOQ	0.100	mg/kg	0.00198	2201562	02/22/22	AOAC 2013.06 (mod.)	pass	X	



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**Mycotoxins**

Analyte	Result	Limits	Units	LOQ	Batch	Analyze	Method	Status	Notes
Aflatoxin B2 <sup>†</sup>	< LOQ		µg/kg	5.00	2201539	02/22/22	AOAC 2007.01 & EN 15		
Aflatoxin B1 <sup>†</sup>	< LOQ		µg/kg	5.00	2201539	02/22/22	AOAC 2007.01 & EN 15		
Aflatoxin G1 <sup>†</sup>	< LOQ		µg/kg	5.00	2201539	02/22/22	AOAC 2007.01 & EN 15		
Aflatoxin G2 <sup>†</sup>	< LOQ		µg/kg	5.00	2201539	02/22/22	AOAC 2007.01 & EN 15		
Deoxynivalenol <sup>†</sup>	< LOQ		µg/kg	200	2201539	02/22/22	AOAC 2007.01 & EN 15		
Fumonisin B1 <sup>†</sup>	< LOQ		µg/kg	200	2201539	02/22/22	AOAC 2007.01 & EN 15		
Fumonisin B2 <sup>†</sup>	< LOQ		µg/kg	200	2201539	02/22/22	AOAC 2007.01 & EN 15		
HT2-Toxin <sup>†</sup>	< LOQ		µg/kg	40.0	2201539	02/22/22	AOAC 2007.01 & EN 15		
Nivalenol <sup>†</sup>	< LOQ		µg/kg	400	2201539	02/22/22	AOAC 2007.01 & EN 15		
Ochratoxin A <sup>†</sup>	< LOQ		µg/kg	5.00	2201539	02/22/22	AOAC 2007.01 & EN 15		
Ochratoxin B <sup>†</sup>	< LOQ		µg/kg	2.00	2201539	02/22/22	AOAC 2007.01 & EN 15		
T2-Toxin <sup>†</sup>	< LOQ		µg/kg	20.0	2201539	02/22/22	AOAC 2007.01 & EN 15		
Zearalenone <sup>†</sup>	< LOQ		µg/kg	200	2201539	02/22/22	AOAC 2007.01 & EN 15		

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.

Testing in accordance with: OAR 333-007-0390 OAR 333-007-0400 OAR 333-007-0410 OAR 333-007-0430



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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, CCR title 16-division 42. BCC-section 5723

**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

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/16fl oz = Milligram per 16fl oz

% = Percentage of sample

% wt = µg/g divided by 10,000

**Glossary of Qualifiers**

X: Not ORELAP accredited.

Approved Signatory

Derrick Tanner  
General Manager



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**Hemp / Cannabis Usable / Extract  
 Chain of Custody Record**

Revision: 3.01 Control#: CF023 Rev 02/26/2020 Eff: 02/27/2020  
 ORELAP ID: OR100028

Company: <u>CJ2, LLC</u> Contact: <u>Cassia Zeller</u> Street: <u>92 Centennial Loop</u> City: <u>Eugene</u> State: <u>OR</u> Zip: <u>97401</u> <input checked="" type="checkbox"/> Email Results: <u>cassiaz@zentopia.com</u> Ph: <u>(503) 869-7259</u> <input type="checkbox"/> Fx Results: ( ) Billing (if different): <u>32682 Bush Garden Dr. Harrisburg, OR</u>				<b>Analysis Requested</b>										PO Number: <u>LDB5-JAN2022</u> Project Number: _____ Project Name: <u>LDB5-01252022</u> Custom Reporting: _____ Report to State - <input type="checkbox"/> METRC or <input type="checkbox"/> Other: _____ Turnaround time: X Standard Rush <input type="checkbox"/> Priority Rush *Check for availability			
Lab ID	Client Sample Identification	Date	Time	Pesticides - OR 59 compounds	Pesticide Multi-Residue - 379 compounds	Potency	Residual Solvents	Moisture & Water Activity	Terpenes	Micro-Yeast and Mold	Micro-E Coli and Total Coliform	Heavy Metals	Mycotoxins	Other:	Sample Type †	Weight (Units)	Comments/Metric ID
	LD-PE-020122-20:45	02/01/22	20:45			✓										16 oz	Sample identification numbers are written in sharpie on the side of the can.
	LD-PE-013122-17:03	01/31/22	17:03			✓										16 oz	
	LD-WA-012222-18:16	01/22/22	18:16			✓										16 oz	
	LD-WA-012322-14:58	01/23/22	14:58			✓										16 oz	
	LD-LM-012222-10:37	01/22/22	10:37			✓										16 oz	
	LD-LM-012022-22:42	01/20/22	22:42			✓										16 oz	
	LD-MG-012422-22:07	01/24/22	22:07			✓										16 oz	
	LD-MG-012322-17:52	01/23/22	17:52			✓										16 oz	
	LD-RA-020122-23:39	02/01/22	23:39			✓										16 oz	
	LD-RA-020422-12:28	02/04/22	12:28			✓										16 oz	
Relinquished By:		Date	Time	Received By:		Date	Time	Lab Use Only:									
<i>John Aitchison</i>		2/14/2022	15:10	<i>BOO</i>		2-16-22	14:14	<input checked="" type="checkbox"/> Shipped Via: <u>UPS</u> or <input type="checkbox"/> Client drop Evidence of cooling: <input type="checkbox"/> Yes   <input checked="" type="checkbox"/> No - Temp (°C): <u>18.2</u> Sample in good condition: <input checked="" type="checkbox"/> Yes   <input type="checkbox"/> No <input type="checkbox"/> Cash   <input type="checkbox"/> Check   <input type="checkbox"/> CC   <input type="checkbox"/> Net: _____ Prelog storage: _____									

† - Sample Type Codes: Vegetation (V) ; Isolates (S) ; Extract/Concentrate (C)

Samples submitted to Columbia Laboratories with testing requirements constitute an agreement for services in accordance with the current terms of service associated with this CCR. By signing "Relinquished By" you are agreeing to these terms  
 12423 NE Whitaker Way  
 Portland, OR 97230 P: (503) 254-1794 | Fax: (503) 254-1452 info@columbiaboratories.com Page 1 of 2 www.columbiaboratories.com

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 Testing in accordance with: OAR 333-007-0390 OAR 333-007-0400 OAR 333-007-0410 OAR 333-007-0430





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Document ID: 3177 Revision: 2  
Effective: 06/25/2021  
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Job Number: \_\_\_\_\_ Search Name: \_\_\_\_\_

Package/Cooler opened on (if different than received date/time) Date: 2-16-22 Time: 14:14

Received By (Initials): BD Logged in by (Initials): \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

1) Were custody seals on outside of the package/cooler? YES NO NA  
If YES, how many and where? \_\_\_\_\_

Does date match collection date on COC? \_\_\_\_\_ YES NO NA

2) Was Chain of Custody (COC) included in the package/cooler? YES NO NA

3) Was COC signed when relinquished and received? (time, date)? YES NO NA

4) How was the package/cooler delivered?

UPS FEDEX USPS CLIENT COURIER OTHER: \_\_\_\_\_

Tracking Number (written in or copy of shipping label): 9405 53061 0899 2974 3834 41

5) Was packing material used? YES NO NA

Peanuts Bubble Wrap Foam Paper Other:

6) Was temperature upon receipt 4°C+- 2°C (if appropriate)? YES NO NA

If not, client contacted: \_\_\_\_\_  
Proceed? YES NO

7) Was there evidence of cooling? YES NO NA

What kind? Blue Ice Ice Cooler Packs Dry Ice

8) Were all sample containers sealed in separate plastic bags? YES NO NA

9) Did all sample containers arrive in good condition? YES NO NA

10) Were all sample container labels complete? YES NO NA

11) Did all sample container labels and tags agree with the COC? YES NO NA

12) Were correct sample containers used for the tests indicated? YES NO NA

13) Were VOA vials checked for absence of air bubbles (note if found)? YES NO NA

14) Was a sufficient amount of sample sent in each sample container? YES NO NA

16) Sample location prior to login: R99 R39 R44 F44 Ambient Shelf Cannabis Table Other: \_\_\_\_\_

Explain any discrepancies: \_\_\_\_\_





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Revision: Document ID:  
Legacy ID: Effective:

Laboratory Quality Control Results

Batch ID: 2201549

Residual Solvents		Method Blank		Laboratory Control Sample					
Analyte	Result	LOQ	Notes	Result	Spike	Units	% Rec	Limits	Notes
Propane	ND	< 200		571	572	µg/g	99.8	70	130
Isobutane	ND	< 200		715	731	µg/g	97.8	70	130
Butane	ND	< 200		724	731	µg/g	99.0	70	130
2,2-Dimethylpropane	ND	< 200		939	936	µg/g	100.3	70	130
Methanol	ND	< 200		1290	1610	µg/g	80.1	70	130
Ethylene Oxide	ND	< 30		56.3	56.2	µg/g	100.2	70	130
2-Methylbutane	ND	< 200		1310	1630	µg/g	80.4	70	130
Pentane	ND	< 200		1290	1610	µg/g	80.1	70	130
Ethanol	ND	< 200		1240	1630	µg/g	76.1	70	130
Ethyl Ether	ND	< 200		1290	1610	µg/g	80.1	70	130
2,2-Dimethylbutane	ND	< 30		136	165	µg/g	82.4	70	130
Acetone	ND	< 200		1410	1610	µg/g	87.6	70	130
2-Propanol	ND	< 200		1320	1610	µg/g	82.0	70	130
Ethyl Formate	ND	< 500		1260	1620	µg/g	77.8	70	130
Acetonitrile	ND	< 100		383	498	µg/g	76.9	70	130
Methyl Acetate	ND	< 500		1580	1810	µg/g	87.3	70	130
2,3-Dimethylbutane	ND	< 30		135	162	µg/g	83.3	70	130
Dichloromethane	ND	< 60		399	498	µg/g	80.1	70	130
2-Methylpentane	ND	< 30		129	167	µg/g	77.2	70	130
MTBE	ND	< 500		1370	1610	µg/g	85.1	70	130
3-Methylpentane	ND	< 30		136	179	µg/g	76.0	70	130
Hexane	ND	< 30		126	164	µg/g	76.8	70	130
1-Propanol	ND	< 500		1360	1620	µg/g	84.0	70	130
Methylethylketone	ND	< 500		1510	1770	µg/g	85.3	70	130
Ethyl acetate	ND	< 200		1350	1620	µg/g	83.3	70	130
2-Butanol	ND	< 200		1320	1600	µg/g	82.5	70	130
Tetrahydrofuran	ND	< 100		415	500	µg/g	83.0	70	130
Cyclohexane	ND	< 200		1450	1610	µg/g	90.1	70	130
2-methyl-1-propanol	ND	< 500		1290	1610	µg/g	80.1	70	130
Benzene	ND	< 1		5.49	5.62	µg/g	97.7	70	130
Isopropyl Acetate	ND	< 200		1490	1610	µg/g	92.5	70	130
Heptane	ND	< 200		1430	1610	µg/g	88.8	70	130
1-Butanol	ND	< 500		1350	1620	µg/g	83.3	70	130
Propyl Acetate	ND	< 500		1530	1620	µg/g	94.4	70	130
1,4-Dioxane	ND	< 100		421	502	µg/g	83.9	70	130
2-Ethoxyethanol	ND	< 30		144	164	µg/g	87.8	70	130
Methylisobutylketone	ND	< 500		1510	1620	µg/g	93.2	70	130
3-Methyl-1-butanol	ND	< 500		1390	1620	µg/g	85.8	70	130
Ethylene Glycol	ND	< 200		518	502	µg/g	103.2	70	130
Toluene	ND	< 200		443	488	µg/g	90.8	70	130
Isobutyl Acetate	ND	< 500		1690	1700	µg/g	99.4	70	130
1-Pentanol	ND	< 500		1270	1630	µg/g	77.9	70	130
Butyl Acetate	ND	< 500		1330	1660	µg/g	80.1	70	130
Ethylbenzene	ND	< 200		903	965	µg/g	93.6	70	130
m,p-Xylene	ND	< 200		901	990	µg/g	91.0	70	130
o-Xylene	ND	< 200		916	971	µg/g	94.3	70	130
Cumene	ND	< 30		172	179	µg/g	96.1	70	130
Anisole	ND	< 500		1470	1650	µg/g	89.1	70	130
DMSO	ND	< 500		1340	1630	µg/g	82.2	70	130
1,2-dimethoxyethane	ND	< 50		176	183	µg/g	96.2	70	130
Triethylamine	ND	< 500		1460	1620	µg/g	90.1	70	130
N,N-dimethylformamide	ND	< 150		434	495	µg/g	87.7	70	130
N,N-dimethylacetamide	ND	< 150		444	502	µg/g	88.4	70	130
Pyridine	ND	< 50		176	186	µg/g	94.6	70	130
1,2-Dichloroethane	ND	< 1		1.07	1	µg/g	107.0	70	130
Chloroform	ND	< 1		1.03	1	µg/g	103.0	70	130
Trichloroethylene	ND	< 1		1.04	1	µg/g	104.0	70	130



12423 NE Whitaker Way  
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QC - Sample Duplicate Sample ID: 22-001841-0001

Analyte	Result	Org. Result	LOQ	Units	RPD	Limits	Accept/ Fail	Notes
Propane	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Isobutane	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Butane	ND	ND	200	µg/g	0.0	< 20	Acceptable	
2,2-Dimethylpropane	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Methanol	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Ethylene Oxide	ND	ND	30	µg/g	0.0	< 20	Acceptable	
2-Methylbutane	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Pentane	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Ethanol	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Ethyl Ether	ND	ND	200	µg/g	0.0	< 20	Acceptable	
2,2-Dimethylbutane	ND	ND	30	µg/g	0.0	< 20	Acceptable	
Acetone	ND	ND	200	µg/g	0.0	< 20	Acceptable	
2-Propanol	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Ethyl Formate	ND	ND	500	µg/g	0.0	< 20	Acceptable	
Acetonitrile	ND	ND	100	µg/g	0.0	< 20	Acceptable	
Methyl Acetate	ND	ND	500	µg/g	0.0	< 20	Acceptable	
2,3-Dimethylbutane	ND	ND	30	µg/g	0.0	< 20	Acceptable	
Dichloromethane	ND	ND	60	µg/g	0.0	< 20	Acceptable	
2-Methylpentane	ND	ND	30	µg/g	0.0	< 20	Acceptable	
MTBE	ND	ND	500	µg/g	0.0	< 20	Acceptable	
3-Methylpentane	ND	ND	30	µg/g	0.0	< 20	Acceptable	
Hexane	ND	ND	30	µg/g	0.0	< 20	Acceptable	
1-Propanol	ND	ND	500	µg/g	0.0	< 20	Acceptable	
Methylcyclohexane	ND	ND	500	µg/g	0.0	< 20	Acceptable	
Ethyl acetate	ND	ND	200	µg/g	0.0	< 20	Acceptable	
2-Butanol	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Tetrahydrofuran	ND	ND	100	µg/g	0.0	< 20	Acceptable	
Cyclohexane	ND	ND	200	µg/g	0.0	< 20	Acceptable	
2-methyl-1-propanol	ND	ND	500	µg/g	0.0	< 20	Acceptable	
Benzene	ND	ND	1	µg/g	0.0	< 20	Acceptable	
Isopropyl Acetate	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Heptane	ND	ND	200	µg/g	0.0	< 20	Acceptable	
1-Butanol	ND	ND	500	µg/g	0.0	< 20	Acceptable	
Propyl Acetate	ND	ND	500	µg/g	0.0	< 20	Acceptable	
1,4-Dioxane	ND	ND	100	µg/g	0.0	< 20	Acceptable	
2-Ethoxyethanol	ND	ND	30	µg/g	0.0	< 20	Acceptable	
Methylisobutylketone	ND	ND	500	µg/g	0.0	< 20	Acceptable	
3-Methyl-1-butanol	ND	ND	500	µg/g	0.0	< 20	Acceptable	
Ethylene Glycol	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Toluene	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Isobutyl Acetate	ND	ND	500	µg/g	0.0	< 20	Acceptable	
1-Pentanol	ND	ND	500	µg/g	0.0	< 20	Acceptable	
Butyl Acetate	ND	ND	500	µg/g	0.0	< 20	Acceptable	
Ethylbenzene	ND	ND	200	µg/g	0.0	< 20	Acceptable	
m,p-Xylene	ND	ND	200	µg/g	0.0	< 20	Acceptable	
o-Xylene	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Cumene	ND	ND	30	µg/g	0.0	< 20	Acceptable	
Anisole	ND	ND	500	µg/g	0.0	< 20	Acceptable	
DMSO	ND	ND	500	µg/g	0.0	< 20	Acceptable	
1,2-dimethoxyethane	ND	ND	50	µg/g	0.0	< 20	Acceptable	
Triethylamine	ND	ND	500	µg/g	0.0	< 20	Acceptable	
N,N-dimethylformamide	ND	ND	150	µg/g	0.0	< 20	Acceptable	
N,N-dimethylacetamide	ND	ND	150	µg/g	0.0	< 20	Acceptable	
Pyridine	ND	ND	50	µg/g	0.0	< 20	Acceptable	
1,2-Dichloroethane	ND	ND	1	µg/g	0.0	< 20	Acceptable	
Chloroform	ND	ND	1	µg/g	0.0	< 20	Acceptable	
Trichloroethylene	ND	ND	1	µg/g	0.0	< 20	Acceptable	

**Abbreviations**

ND - None Detected at or above MRL  
RPD - Relative Percent Difference  
LOQ - Limit of Quantitation

**Units of Measure:**

µg/g - Microgram per gram or ppm



12423 NE Whitaker Way  
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Laboratory Pesticide Quality Control Results

AQAC2007.1 & EN 15662		Units: mg/Kg		Laboratory Control Sample		Batch ID 2201556	
Method Blank	Blank Result	Blank Limits	Notes	LCS Result	LCS Spke	LCS % Re	Limits
Analyte							
Abamectin	0.00	< 0.250		0.933	1.00	93.3	80.6 - 107
Acephate	0.014	< 0.250		0.934	1.00	93.4	65.4 - 121
Acetamiprid	0.00	< 1.00		3.969	4.00	99.2	77.2 - 120
Acetamiprid	0.00	< 0.100		0.370	0.40	92.5	72.2 - 134
Aldicarb	0.00	< 0.200		0.745	0.80	93.1	70.4 - 131
Azoxystrobin	0.005	< 0.100		0.356	0.40	88.9	73.9 - 126
Bifenazate	0.00	< 0.100		0.365	0.40	91.3	69.6 - 129
Bifenthrin	0.00	< 0.100		0.395	0.40	98.7	70.6 - 127
Boscalid	0.00	< 0.200		0.753	0.80	94.2	69.1 - 128
Carbaryl	0.00	< 0.100		0.362	0.40	90.6	71.8 - 126
Carbofuran	0.00	< 0.100		0.373	0.40	93.1	77.3 - 120
Chlorantraniliprole	0.00	< 0.100		0.335	0.40	83.9	88.2 - 164
Chlorfenapyr	0.00	< 0.500		1.949	2.00	97.5	72.3 - 134
Chlorpyrifos	0.00	< 0.100		0.355	0.40	88.7	69.2 - 129
Clofentezine	0.00	< 0.100		0.287	0.40	71.7	42.6 - 79.1
Cyfluthrin	0.00	< 0.500		1.989	2.00	99.5	69.7 - 129
Cypermethrin	0.038	< 0.500		1.937	2.00	96.9	69.8 - 130
Daminozide	0.058	< 0.500		0.709	2.00	35.5	25.2 - 46.7
Diazinon	0.00	< 0.100		0.365	0.40	91.2	71.3 - 132
Dichlorvos	0.00	< 0.500		1.922	2.00	96.1	78.1 - 135
Dimethoate	0.00	< 0.100		0.380	0.40	94.9	78.0 - 122
Ethoprophos	0.00	< 0.100		0.367	0.40	91.8	70.1 - 130
Etofenprox	0.00	< 0.200		0.779	0.80	97.4	71.9 - 133
Etoxazole	0.00	< 0.100		0.376	0.40	94.1	70.1 - 130
Fenoxycarb	0.00	< 0.100		0.358	0.40	89.6	70.1 - 125
Fenpyroximate	0.00	< 0.200		0.776	0.80	97.0	72.4 - 127
Flpronil	0.003	< 0.200		0.685	0.80	85.6	73.5 - 131
Fonicamid	0.00	< 0.250		0.900	1.00	90.0	76.9 - 132
Fludioxonil	0.00	< 0.200		0.696	0.80	87.0	68.1 - 126
Hexythiazox	0.00	< 0.250		0.927	1.00	92.7	70.0 - 127
Imazalil	0.00	< 0.100		0.335	0.40	83.7	66.4 - 123
Imidacloprid	0.00	< 0.200		0.740	0.80	92.5	76.8 - 122
Kiesoxim-methyl	0.00	< 0.200		0.751	0.80	93.9	69.9 - 127
Malathion	0.00	< 0.100		0.363	0.40	90.7	71.2 - 126
Metaxalyl	0.010	< 0.100		0.381	0.40	95.4	74.6 - 123
Methiocarb	0.00	< 0.100		0.354	0.40	88.4	71.5 - 133
Methomyl	0.00	< 0.200		0.681	0.80	85.1	70.6 - 122
MCK-264	0.00	< 0.100		0.368	0.40	92.1	70.6 - 131
Mydobutanil	0.00	< 0.100		0.371	0.40	92.8	67.6 - 126
Naled	0.00	< 0.250		0.780	1.00	78.0	42.6 - 79.2
Oxaryl	0.00	< 0.500		1.854	2.00	92.7	69.4 - 126
Padobutrazole	0.00	< 0.200		0.715	0.80	89.4	68.3 - 127
Parathion-Methyl	0.00	< 0.200		0.699	0.80	87.3	65.6 - 122
Permethrin	0.00	< 0.100		0.387	0.40	96.7	71.4 - 128
Phosmet	0.00	< 0.100		0.355	0.40	88.6	68.3 - 127
Piperonyl butoxide	0.028	< 0.500		1.882	2.00	94.1	71.7 - 133
Prallethrin	0.033	< 0.100		0.367	0.40	91.6	66.6 - 124
Propiconazole	0.022	< 0.200		0.843	0.80	105.4	68.9 - 128
Propoxur	0.009	< 0.100		0.374	0.40	93.4	77.8 - 120
Pyrethrin (Summe)	0.008	< 0.100		0.382	0.43	92.5	58.9 - 109
Pyridaben	0.00	< 0.100		0.384	0.40	96.0	68.6 - 127
Spinosad	0.00	< 0.100		0.384	0.388	99.0	72.8 - 135
Spiromesfen	0.00	< 0.100		0.390	0.40	97.6	70.5 - 131
Spirotetramat	0.00	< 0.100		0.380	0.40	95.1	68.0 - 126
Spiroxamine	0.00	< 0.200		0.741	0.80	92.6	70.6 - 126
Tebuconazole	0.00	< 0.200		0.727	0.80	90.8	68.1 - 127
Thiadoprid	0.00	< 0.100		0.370	0.40	92.6	69.9 - 125
Thiamethoxam	0.00	< 0.100		0.385	0.40	96.3	69.2 - 126
Trifloxystrobin	0.00	< 0.100		0.371	0.40	92.7	72.3 - 130

Q6



12423 NE Whitaker Way  
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Laboratory Pesticide Quality Control Results

AOAC2007.1 & EN 15662		Units: mg/Kg					Batch ID 2201556			
Matrix Spk/Matrix Spk Duplicate Recoveries		Sample ID: 22-0019020001								
Analyte	Result	MSR <sub>Res</sub>	MSD <sub>Res</sub>	Spike	RPD%	Limit	MS% Re	MSD% Re	Limits	Notes
Abamectin	0.00	0.866	0.810	1.00	6.6%	< 30	86.6%	81.0%	50 - 150	
Acephate	0.025	0.866	0.933	1.00	5.3%	< 30	86.1%	90.8%	50 - 150	
Acetamiprid	0.00	7.495	7.605	4.00	1.5%	< 30	187.4%	190.1%	50 - 150	Q1
Acetamiprid	0.00	0.419	0.425	0.40	1.3%	< 30	104.9%	106.2%	50 - 150	
Aldicarb	0.00	0.802	0.801	0.80	0.2%	< 30	100.3%	100.1%	50 - 150	
Azoxystrobin	0.008	0.488	0.491	0.40	0.8%	< 30	119.9%	120.9%	50 - 150	
Bifenazate	0.00	0.441	0.456	0.40	3.3%	< 30	110.2%	113.9%	50 - 150	
Bifenthrin	0.00	0.719	0.704	0.40	2.2%	< 30	179.9%	176.0%	50 - 150	Q1
Boscalid	0.00	0.904	0.964	0.80	6.4%	< 30	113.0%	120.5%	50 - 150	
Carbaryl	0.00	0.443	0.438	0.40	1.3%	< 30	110.9%	109.4%	50 - 150	
Carbofuran	0.00	0.451	0.455	0.40	0.7%	< 30	112.8%	113.6%	50 - 150	
Chlorantraniliprole	0.00	0.377	0.372	0.40	1.3%	< 30	94.3%	93.1%	50 - 150	
Chlorfenapyr	0.00	3.202	3.074	2.00	4.1%	< 30	160.1%	153.7%	50 - 150	Q1
Chlorpyrifos	0.00	0.691	0.642	0.40	7.4%	< 30	172.7%	160.5%	50 - 150	Q1
Clofentezine	0.00	0.045	0.045	0.40	0.8%	< 30	11.3%	11.2%	50 - 150	Q1
Cyfluthrin	0.00	1.925	1.835	2.00	4.8%	< 30	96.3%	91.8%	30 - 150	
Cypermethrin	0.00	2.139	2.125	2.00	0.7%	< 30	106.9%	106.2%	50 - 150	
Daminozide	0.096	0.680	0.734	2.00	8.9%	< 30	29.2%	31.9%	30 - 150	Q
Diazinon	0.00	0.417	0.430	0.40	2.9%	< 30	104.3%	107.4%	50 - 150	
Dichlorvos	0.00	2.307	2.281	2.00	1.1%	< 30	115.3%	114.1%	50 - 150	
Dimethoate	0.00	0.440	0.430	0.40	2.1%	< 30	109.9%	107.6%	50 - 150	
Ethoprophos	0.00	0.444	0.431	0.40	2.8%	< 30	110.9%	107.8%	50 - 150	
Etofenprox	0.00	1.371	1.360	0.80	0.8%	< 30	171.3%	170.0%	50 - 150	Q1
Etoxazole	0.00	0.488	0.507	0.40	3.9%	< 30	121.9%	126.7%	50 - 150	
Fenoxycarb	0.00	0.410	0.423	0.40	3.1%	< 30	102.5%	105.7%	50 - 150	
Fenpyroximate	0.00	0.930	0.921	0.80	1.0%	< 30	116.2%	115.1%	50 - 150	
Flpronil	0.00	1.210	1.170	0.80	3.3%	< 30	151.2%	146.3%	50 - 150	Q1
Fonicamid	0.00	0.961	0.961	1.00	0.1%	< 30	96.1%	96.1%	50 - 150	
Fludioxonil	0.00	0.763	0.736	0.80	3.6%	< 30	95.4%	92.1%	50 - 150	
Hexythiazox	0.00	1.446	1.477	1.00	2.1%	< 30	144.6%	147.7%	50 - 150	
Imazalil	0.00	0.344	0.355	0.40	3.2%	< 30	86.1%	88.8%	50 - 150	
Imidacloprid	0.017	0.891	0.922	0.80	3.6%	< 30	109.2%	113.2%	50 - 150	
Kiesoxim-methyl	0.00	0.924	0.960	0.80	3.9%	< 30	115.4%	120.0%	50 - 150	
Malathion	0.00	0.480	0.498	0.40	3.6%	< 30	120.0%	124.5%	50 - 150	
Metaxalyl	0.00	0.427	0.428	0.40	0.2%	< 30	106.8%	107.0%	50 - 150	
Methiocarb	0.00	0.418	0.416	0.40	0.5%	< 30	104.5%	104.0%	50 - 150	
Methomyl	0.00	0.863	0.823	0.80	4.7%	< 30	107.8%	102.9%	50 - 150	
MCK-264	0.00	0.364	0.368	0.40	1.3%	< 30	90.9%	92.1%	50 - 150	
Mydobutanil	0.00	0.428	0.430	0.40	0.4%	< 30	107.1%	107.6%	50 - 150	
Naled	0.00	1.062	1.050	1.00	1.2%	< 30	106.2%	105.0%	50 - 150	
Oxaryl	0.00	1.918	1.919	2.00	0.0%	< 30	95.9%	95.9%	50 - 150	
Padbutrazole	0.00	0.896	0.921	0.80	2.8%	< 30	111.9%	115.1%	50 - 150	
Parathion-Methyl	0.00	1.008	0.934	0.80	7.6%	< 30	125.9%	116.7%	30 - 150	
Permethrin	0.00	0.433	0.432	0.40	0.2%	< 30	108.2%	108.0%	50 - 150	
Phosmet	0.00	0.446	0.477	0.40	6.7%	< 30	111.6%	119.3%	50 - 150	
Piperonyl butoxide	0.00	2.017	2.028	2.00	0.6%	< 30	100.8%	101.4%	50 - 150	
Prallethrin	0.00	0.325	0.326	0.40	0.5%	< 30	81.2%	81.6%	50 - 150	
Propiconazole	0.00	0.874	0.898	0.80	2.8%	< 30	109.2%	112.3%	50 - 150	
Propoxur	0.015	0.453	0.448	0.40	1.2%	< 30	109.3%	108.0%	50 - 150	
Pyrethrin (Summe)	0.00	0.415	0.425	0.413	2.5%	< 30	100.5%	103.0%	50 - 150	
Pyridaben	0.00	0.607	0.657	0.40	7.9%	< 30	151.7%	164.2%	50 - 150	Q1
Spinosad	0.00	0.567	0.573	0.388	1.0%	< 30	146.1%	147.6%	50 - 150	
Spiromesfen	0.00	0.677	0.710	0.40	4.8%	< 30	169.2%	177.4%	50 - 150	Q1
Spirotetramat	0.00	0.394	0.405	0.40	2.8%	< 30	98.4%	101.2%	50 - 150	
Spiroxamine	0.00	0.827	0.851	0.80	2.8%	< 30	103.4%	106.4%	50 - 150	
Tebuconazole	0.00	0.939	0.971	0.80	3.3%	< 30	117.4%	121.4%	50 - 150	
Thiadoprid	0.00	0.416	0.427	0.40	2.7%	< 30	104.0%	106.9%	50 - 150	
Thiamethoxam	0.00	0.420	0.413	0.40	1.8%	< 30	105.1%	103.2%	50 - 150	
Trifloxystrobin	0.00	0.470	0.468	0.40	0.4%	< 30	117.6%	117.0%	50 - 150	



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**Laboratory Quality Control Results**

J AOAC 2015 V98-6								
Batch ID: 2201572								
Laboratory Control Sample								
Analyte	Result	Spike	Units	% Rec	Limits		Evaluation	Notes
CBDVA	0.000966	0.00100	%	96.6	85.0	- 115	Acceptable	
CBDV	0.00108	0.00100	%	108	85.0	- 115	Acceptable	
CBE	0.00104	0.00100	%	104	85.0	- 115	Acceptable	
CBDA	0.00108	0.00104	%	104	85.0	- 115	Acceptable	
CBGA	0.000954	0.00100	%	95.4	85.0	- 115	Acceptable	
CBG	0.00103	0.00100	%	103	85.0	- 115	Acceptable	
CBD	0.00117	0.00111	%	106	85.0	- 115	Acceptable	
THCV	0.00102	0.00100	%	102	85.0	- 115	Acceptable	
d8THCV	0.00106	0.00100	%	106	85.0	- 115	Acceptable	
THCVA	0.000908	0.00100	%	90.8	85.0	- 115	Acceptable	
CBN	0.00115	0.00106	%	109	85.0	- 115	Acceptable	
exo-THC	0.000990	0.00100	%	99.0	85.0	- 115	Acceptable	
d9THC	0.00113	0.00103	%	110	85.0	- 115	Acceptable	
d8THC	0.00105	0.00100	%	105	85.0	- 115	Acceptable	
CBL	0.000969	0.00100	%	96.9	85.0	- 115	Acceptable	
CBC	0.00108	0.00100	%	108	85.0	- 115	Acceptable	
THCA	0.00103	0.000998	%	103	85.0	- 115	Acceptable	
CBCA	0.000934	0.00100	%	93.4	85.0	- 115	Acceptable	
CBLA	0.00102	0.00100	%	102	85.0	- 115	Acceptable	
CBT	0.000972	0.00100	%	97.2	85.0	- 115	Acceptable	

**Method Blank**

Analyte	Result	LOQ	Units	Limits		Evaluation	Notes
CBDVA	< LOQ	0.0001	%	< 0.0001		Acceptable	
CBDV	< LOQ	0.0001	%	< 0.0001		Acceptable	
CBE	< LOQ	0.0001	%	< 0.0001		Acceptable	
CBDA	< LOQ	0.0001	%	< 0.0001		Acceptable	
CBGA	< LOQ	0.0001	%	< 0.0001		Acceptable	
CBG	< LOQ	0.0001	%	< 0.0001		Acceptable	
CBD	< LOQ	0.0001	%	< 0.0001		Acceptable	
THCV	< LOQ	0.0001	%	< 0.0001		Acceptable	
d8THCV	< LOQ	0.0001	%	< 0.0001		Acceptable	
THCVA	< LOQ	0.0001	%	< 0.0001		Acceptable	
CBN	< LOQ	0.0001	%	< 0.0001		Acceptable	
exo-THC	< LOQ	0.0001	%	< 0.0001		Acceptable	
d9THC	< LOQ	0.0001	%	< 0.0001		Acceptable	
d8THC	< LOQ	0.0001	%	< 0.0001		Acceptable	
CBL	< LOQ	0.0001	%	< 0.0001		Acceptable	
CBC	< LOQ	0.0001	%	< 0.0001		Acceptable	
THCA	< LOQ	0.0001	%	< 0.0001		Acceptable	
CBCA	< LOQ	0.0001	%	< 0.0001		Acceptable	
CBLA	< LOQ	0.0001	%	< 0.0001		Acceptable	
CBT	< LOQ	0.0001	%	< 0.0001		Acceptable	

**Abbreviations**

ND - None Detected at or above MRL  
RPD - Relative Percent Difference  
LOQ - Limit of Quantitation

**Units of Measure:**

% - Percent



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



**Report Number:** 22-001828/D002.R000  
**Report Date:** 02/23/2022  
**ORELAP#:** OR100028  
**Purchase Order:** LDB5-01252022  
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**Laboratory Quality Control Results**

J AOAC 2015 V98-6								
Batch ID: 2201572								
Sample Duplicate								
Sample ID: 22-001828-0001								
Analyte	Result	Org. Result	LOQ	Units	RPD	Limits	Evaluation	Notes
CBDVA	< LOQ	< LOQ	0.0001	%	NA	< 20	Acceptable	
CBDV	< LOQ	< LOQ	0.0001	%	NA	< 20	Acceptable	
CBE	< LOQ	< LOQ	0.0001	%	NA	< 20	Acceptable	
CBDA	< LOQ	< LOQ	0.0001	%	NA	< 20	Acceptable	
CBGA	< LOQ	< LOQ	0.0001	%	NA	< 20	Acceptable	
CBG	< LOQ	< LOQ	0.0001	%	NA	< 20	Acceptable	
CBD	0.0107	0.0107	0.0001	%	0.359	< 20	Acceptable	
THCV	< LOQ	< LOQ	0.0001	%	NA	< 20	Acceptable	
d8THCV	< LOQ	< LOQ	0.0001	%	NA	< 20	Acceptable	
THCVA	< LOQ	< LOQ	0.0001	%	NA	< 20	Acceptable	
CBN	< LOQ	< LOQ	0.0001	%	NA	< 20	Acceptable	
exo-THC	< LOQ	< LOQ	0.0001	%	NA	< 20	Acceptable	
d9THC	< LOQ	< LOQ	0.0001	%	NA	< 20	Acceptable	
d8THC	< LOQ	< LOQ	0.0001	%	NA	< 20	Acceptable	
CBL	< LOQ	< LOQ	0.0001	%	NA	< 20	Acceptable	
CBC	< LOQ	< LOQ	0.0001	%	NA	< 20	Acceptable	
THCA	< LOQ	< LOQ	0.0001	%	NA	< 20	Acceptable	
CBCA	< LOQ	< LOQ	0.0001	%	NA	< 20	Acceptable	
CBLA	< LOQ	< LOQ	0.0001	%	NA	< 20	Acceptable	
CBT	< LOQ	< LOQ	0.0001	%	NA	< 20	Acceptable	

**Abbreviations**

ND - None Detected at or above MRL  
RPD - Relative Percent Difference  
LOQ - Limit of Quantitation

**Units of Measure:**

% - Percent





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Explanation of QC Flag Comments:

Code	Explanation
Q	Matrix interferences affecting spike or surrogate recoveries.
Q1	Quality control result biased high. Only non-detect samples reported.
Q2	Quality control outside QC limits. Data considered estimate.
Q3	Sample concentration greater than four times the amount spiked.
Q4	Non-homogenous sample matrix, affecting RPD result and/or % recoveries.
Q5	Spike results above calibration curve.
Q6	Quality control outside QC limits. Data acceptable based on remaining QC.
R	Relative percent difference (RPD) outside control limit.
R1	RPD non-calculable, as sample or duplicate results are less than five times the LOQ.
R2	Sample replicates RPD non-calculable, as only one replicate is within the analytical range.
LOQ1	Quantitation level raised due to low sample volume and/or dilution.
LOQ2	Quantitation level raised due to matrix interference.
B	Analyte detected in method blank, but not in associated samples.
B1	The sample concentration is greater than 5 times the blank concentration.
B2	The sample concentration is less than 5 times the blank concentration.