

CONSOLIDATED TEST RESULTS SUMMARY

Please see the following pages for full test results.

BULK SKU DK41(A)	BATCH # CAP.SLP50	LOQ: Limit Of Quantitation LOD: Limit Of Detection	
PRODUCT NAME Sleep Capsules	SERVING SIZE 1 capsule	1 g = 10 ⁻³ kg = 10 ³ mg = 10 ⁶ µg 1 mg/kg = 1 ppm = 1000 ppb	
LABORATORY: Columbia Laboratories	OREGON ACCREDITATION: OR100028		

POTENCY	PER SERVING	PER GRAM	Percent
Cannabidiol (CBD)	32.6 mg/serving	85.9 mg/g	8.59 %
Total THC (d9-THC, THCA)	0.4 mg/serving	1.13 mg/g	0.113 %
Cannabigerol (CBG)	10.5 mg/serving	27.5 mg/g	2.75 %
Cannabinol (CBN)	11.7 mg/serving	30.7 mg/g	3.07 %
Cannabichromene (CBC)	0.5 mg/serving	1.24 mg/g	0.124 %
Tetrahydrocannabinolic Acid (THCA)	<LOQ mg/serving	<LOQ mg/g	<LOQ %
Delta-9-THC (d9-THC)	0.4 mg/serving	1.13 mg/g	0.113 %
Delta-8-THC (d8-THC)	<LOQ mg/serving	<LOQ mg/g	<LOQ %

HEAVY METALS	PER SERVING	PER GRAM	REGULATORY ACTION LEVEL
Arsenic	<LOQ µg/serving	<LOQ µg/g	10 µg/day ^[1]
Cadmium	<LOQ µg/serving	<LOQ µg/g	4.1 µg/day ^[1]
Lead	<LOQ µg/serving	<LOQ µg/g	3.5 µg/day ^[2]
Mercury	<LOQ µg/serving	<LOQ µg/g	2 µg/day ^[1]

PESTICIDES	REGULATORY ACTION LEVEL
None of the other 59 pesticides tested found above limit of detection in the sample.	10 ppb ^[1]

RESIDUAL SOLVENTS	Results	REGULATORY ACTION LEVEL
Ethanol	<LOQ	50,000 mg/day
Heptane	<LOQ	50,000 mg/day
None of the 34 residual solvents tested found above limit of quantitation in the sample.		

MICROBIAL	PASS/FAIL
Yeast & Mold	Pass
Coliform	Pass

TERPENES	% OF SAMPLE
Farnesene	0.0227 %
β-Caryophyllene	0.0241 %
α-Bisabolol	0.0314 %
Guaiol	<LOQ %
Humulene	<LOQ %
Caryophyllene Oxide	<LOQ %



1. American Herbal Pharmacopoeia. (2014). Cannabis Inflorescence: Standards of Identity, Analysis, and Quality Control. Washington DC: AHP.

2. 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



Report Number: 22-000983/D002.R000
Report Date: 02/04/2022
ORELAP#: OR100028
Purchase Order:
Received: 01/26/22 15:38

Customer: Etz Hayim Holdings
Product identity: DK41(A)-CAP.SLP50
Client/Metric ID: .
Laboratory ID: 22-000983-0001

Summary

Potency:

Analyte per 1g	Result	Limits	Units	Status	
CBC per 1g [†]	1.24		mg/1g		CBD Total per 1g 85.9 mg/1g
CBD per 1g	85.9		mg/1g		
CBG per 1g [†]	27.5		mg/1g		THC-Total per 1g <LOQ
CBN per 1g	30.7		mg/1g		
Δ ⁹ THC per 1g	1.13		mg/1g		(Reported in milligrams per serving)



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ORELAP#: OR100028
Purchase Order:
Received: 01/26/22 15:38



Customer: Etz Hayim Holdings
 16427 NE Airport Way
 PORTLAND 97230
 United States of America (USA)

Product identity: DK41(A)-CAP.SLP50

Client/Metric ID: .

Sample Date:

Laboratory ID: 22-000983-0001

Evidence of Cooling: No

Temp: 19.5 °C

Relinquished by: Client

Serving Size #1: 1 g

Sample Results

Potency per 1g					
Method J AOAC 2015 V98-6 (mod)Units mg/se Batch: 2200785 Analyze: 1/28/22 6:08:00 AM					
Analyte	Result	Limits	Units	LOQ	Notes
CBC per 1g [†]	1.24		mg/1g	0.913	
CBC-A per 1g [†]	< LOQ		mg/1g	0.913	
CBC-Total per 1g [†]	< LOQ		mg/1g	1.71	
CBD per 1g	85.9		mg/1g	0.913	
CBD-A per 1g	< LOQ		mg/1g	0.913	
CBD-Total per 1g	85.9		mg/1g	1.71	
CBDV per 1g [†]	< LOQ		mg/1g	0.913	
CBDV-A per 1g [†]	< LOQ		mg/1g	0.913	
CBDV-Total per 1g [†]	< LOQ		mg/1g	1.70	
CBE per 1g [†]	< LOQ		mg/1g	0.913	
CBG per 1g [†]	27.5		mg/1g	0.913	
CBG-A per 1g [†]	< LOQ		mg/1g	0.913	
CBG-Total per 1g [†]	27.5		mg/1g	1.70	
CBL per 1g [†]	< LOQ		mg/1g	0.913	
CBL-A per 1g [†]	< LOQ		mg/1g	0.913	
CBL-Total per 1g [†]	< LOQ		mg/1g	1.71	
CBN per 1g	30.7		mg/1g	0.913	
CBT per 1g [†]	< LOQ		mg/1g	0.913	
Δ8-THCV per 1g [†]	< LOQ		mg/1g	0.913	
Δ8-THC per 1g [†]	< LOQ		mg/1g	0.913	
Δ9-THC per 1g	1.13		mg/1g	0.913	
exo-THC per 1g [†]	< LOQ		mg/1g	0.913	
THC-A per 1g	< LOQ		mg/1g	0.913	
THC-Total per 1g	< LOQ		mg/1g	1.71	
THCV per 1g [†]	< LOQ		mg/1g	0.913	
THCV-A per 1g [†]	< LOQ		mg/1g	0.913	
THCV-Total per 1g [†]	< LOQ		mg/1g	1.71	
Total Cannabinoids per 1g	146		mg/1g		



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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

g = Gram

mg/1g = Milligram per 1g

% = Percentage of sample

% wt = $\mu\text{g/g}$ divided by 10,000

Approved Signatory

Derrick Tanner
General Manager



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12423 NE Whitaker Way Portland OR 97230 p.503-254-1794

Cannabis Chain of Custody Record

ORELAP ID: OR100028

		Analysis Requested											Purchase Order Number:				
													Project Number:				
													Project Name:				
													<input type="checkbox"/> Report Instructions: <input type="checkbox"/> Send to State - METRC <input checked="" type="checkbox"/> Email Final Results: <input type="checkbox"/> Fax Final Results <input type="checkbox"/> Cash/Check/CC/Net 30				
													Other:				
Field ID	Date/Time Collected	Pesticides - OR 59 compounds	Pesticide Multi-Residue - 379 compounds	Potency	Residual Solvents	Water Activity	Moisture	Terpenes	Micro: Yeast and Mold	Micro: E. Coli and Total Coliform	Heavy Metals	Mycotoxins	Other	Matrix	Weight	Serving size for edibles	Comments/Metric ID
[REDACTED]	[REDACTED]			X													
DK41(A)-CAP.SLPSO	1/20/22 2:10P			X										Dry CAP	/	/	Powder / Dry CAP
DK41(A)-CAP.SLPSO	1/20/22 2:10P	X			X			X	X	X	X			Dry CAP	/	/	LAZ. NAT. Discont

Collected By:	Relinquished By:	Date	Time	Received by:	Date	Time	Lab Use Only:
<input checked="" type="checkbox"/> Standard (5 day)	[REDACTED]						Client Alias:
<input type="checkbox"/> Rush (3-4 day) (1.5x Standard)	[REDACTED]						Order Number:
<input type="checkbox"/> Priority Rush (2 day) (2x Standard)	[REDACTED]						Proper Container
	[REDACTED]						Sample Condition
	[REDACTED]						Temperature: 19.5°C
	[REDACTED]						Shipped Via: Client
	[REDACTED]						Evidence of cooling: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

SUBMISSION OF SAMPLES WITH TESTING REQUIREMENTS TO PIXIS WILL BE UNDERSTOOD TO BE AN AGREEMENT FOR SERVICES IN ACCORDANCE WITH THE CONDITIONS LISTED ON THE BACK OF THIS FORM

Revision: 1.02 Control#: CF023
Effective 01/31/2019 Revised 01/31/2019

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Report Number: 22-000983/D002.R000
Report Date: 02/04/2022
ORELAP#: OR100028
Purchase Order:
Received: 01/26/22 15:38

Revision: 1 Document D: 7148
 Legacy ID: Worksheet Validated 04/20/2021

Laboratory Quality Control Results

JAOAC2015 V986 Batch ID: 2200785

Laboratory Control Sample							
Analyte	Result	Spike	Units	% Rec	Limits	Evaluation	Notes
CBDA	0.195	0.2	%	97.5	85.0 - 115	Acceptable	
CBDA	0.212	0.2	%	106	85.0 - 115	Acceptable	
CBE	0.193	0.2	%	96.4	85.0 - 115	Acceptable	
CBDA	0.209	0.2	%	105	85.0 - 115	Acceptable	
CBGA	0.195	0.2	%	97.6	85.0 - 115	Acceptable	
CBG	0.189	0.2	%	94.3	85.0 - 115	Acceptable	
CB	0.196	0.2	%	97.9	85.0 - 115	Acceptable	
THCV	0.181	0.2	%	90.5	85.0 - 115	Acceptable	
d8THCV	0.180	0.2	%	89.9	85.0 - 115	Acceptable	
THCA	0.194	0.2	%	96.9	85.0 - 115	Acceptable	
CBN	0.188	0.2	%	94.2	85.0 - 115	Acceptable	
exo-THC	0.174	0.2	%	86.8	85.0 - 115	Acceptable	
d8THC	0.184	0.2	%	91.9	85.0 - 115	Acceptable	
d8THC	0.173	0.2	%	86.7	85.0 - 115	Acceptable	
CB	0.187	0.2	%	93.5	85.0 - 115	Acceptable	
CB	0.175	0.2	%	87.7	85.0 - 115	Acceptable	
THCA	0.196	0.2	%	98.0	85.0 - 115	Acceptable	
CBGA	0.199	0.2	%	99.6	85.0 - 115	Acceptable	
CB	0.194	0.2	%	97.1	85.0 - 115	Acceptable	
CB	0.229	0.2	%	115	85.0 - 115	Acceptable	

Method Blank

Analyte	Result	LOQ	Units	Limits	Evaluation	Notes
CBDA	<LOQ	0.1	%	< 0.1	Acceptable	
CBDA	<LOQ	0.1	%	< 0.1	Acceptable	
CBE	<LOQ	0.1	%	< 0.1	Acceptable	
CBDA	<LOQ	0.1	%	< 0.1	Acceptable	
CBGA	<LOQ	0.1	%	< 0.1	Acceptable	
CBG	<LOQ	0.1	%	< 0.1	Acceptable	
CB	<LOQ	0.1	%	< 0.1	Acceptable	
THCV	<LOQ	0.1	%	< 0.1	Acceptable	
d8THCV	<LOQ	0.1	%	< 0.1	Acceptable	
THCA	<LOQ	0.1	%	< 0.1	Acceptable	
CBN	<LOQ	0.1	%	< 0.1	Acceptable	
exo-THC	<LOQ	0.1	%	< 0.1	Acceptable	
d8THC	<LOQ	0.1	%	< 0.1	Acceptable	
d8THC	<LOQ	0.1	%	< 0.1	Acceptable	
CB	<LOQ	0.1	%	< 0.1	Acceptable	
CB	<LOQ	0.1	%	< 0.1	Acceptable	
THCA	<LOQ	0.1	%	< 0.1	Acceptable	
CBGA	<LOQ	0.1	%	< 0.1	Acceptable	
CB	<LOQ	0.1	%	< 0.1	Acceptable	
CB	<LOQ	0.1	%	< 0.1	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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Revision: 1 Document D: 7148
Legacy ID: Worksheet Validated 04/20/2021

Laboratory Quality Control Results

JAOAC2015 V986		Batch ID: 2200785						
Sample Duplicate		Sample D: 22-000591-0002						
Analyte	Result	Org. Result	LOQ	Units	RPD	Limits	Evaluation	Notes
CBDA	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
CBDA	3.05	3.09	0.1	%	1.28	< 20	Acceptable	
CBDA	9.26	9.38	0.1	%	1.25	< 20	Acceptable	
CBDA	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
CBGA	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
CBG	10.6	10.7	0.1	%	1.04	< 20	Acceptable	
CB	49.2	49.9	0.1	%	1.44	< 20	Acceptable	
THCV	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
d8THCV	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
THCVA	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
CBN	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
exo-THC	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
d9THC	0.233	0.240	0.1	%	3.19	< 20	Acceptable	
d8THC	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
CBL	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
CBC	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
THCA	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
CBGA	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
CBLA	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
CBF	<LOQ	<LOQ	0.1	%	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.



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Report Number: 22-000983/D003.R000
Report Date: 02/04/2022
ORELAP#: OR100028
Purchase Order:
Received: 01/26/22 15:38

Customer: Etz Hayim Holdings
Product identity: DK41(A)-CAP.SLP50
Client/Metric ID: .
Laboratory ID: 22-000983-0002

Summary

Residual Solvents:

All analytes passing and less than LOQ.

Pesticides:

All analytes passing and less than LOQ.

Terpenes:

Analyte	Percent by weight	Percent of Total	Analyte	Percent by weight	Percent of Total
a-Bisabolol†	0.0314	40.15%	β-Caryophyllene†	0.0241	30.82%
farnesene†	0.0227	29.03%	Total Terpenes†	0.0782	100.00%

Metals:

Less than LOQ for all analytes.

Microbiology:

Less than LOQ for all analytes.



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Report Number: 22-000983/D003.R000
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ORELAP#: OR100028
Purchase Order:
Received: 01/26/22 15:38



Customer: Etz Hayim Holdings
 16427 NE Airport Way
 PORTLAND 97230
 United States of America (USA)

Product identity: DK41(A)-CAP.SLP50

Client/Metric ID: .

Sample Date:

Laboratory ID: 22-000983-0002

Evidence of Cooling: No

Temp: 19.5 °C

Relinquished by: Client

Sample Results

Microbiology

Analyte	Result	Limits	Units	LOQ	Batch	Analyze	Method	Status	Notes
E.coli	< LOQ		cfu/g	10	2200725	01/29/22	AOAC 991.14 (Petrifilm)	X	
Total Coliforms	< LOQ		cfu/g	10	2200725	01/29/22	AOAC 991.14 (Petrifilm)	X	
Mold (RAPID Petrifilm)	< LOQ		cfu/g	10	2200726	01/30/22	AOAC 2014.05 (RAPID)	X	
Yeast (RAPID Petrifilm)	< LOQ		cfu/g	10	2200726	01/30/22	AOAC 2014.05 (RAPID)	X	

Solvents

Residual Solvents by GC/MS						Batch 2200807 Analyze 01/31/22 09:25 AM					
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-Dimethyl butane	< LOQ		30.0			2,2-Dimethylpropane (neo-pentane)	< LOQ		200		
2,3-Dimethyl butane	< 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		Ethanol ^l	< LOQ		200		
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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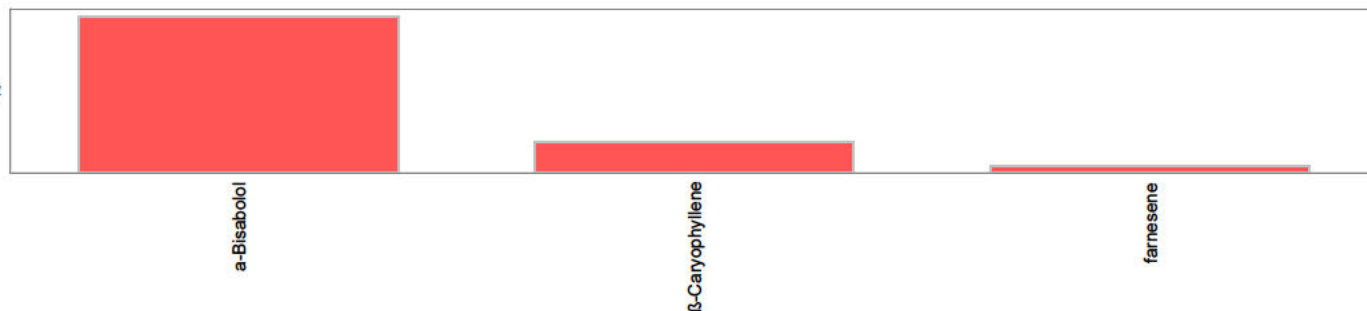


Report Number: 22-000983/D003.R000
Report Date: 02/04/2022
ORELAP#: OR100028
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Received: 01/26/22 15:38

Pesticides											
Method AOAC 2007.01 & EN 15662 (mod) Units mg/kg Batch 2200825 Analyze 01/31/22 12:44 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	0.200	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							



Terpenes				Method J AOAC 2015 V98-6	Units %	Batch 2200780	Analyze 01/27/22 06:58 PM		
Analyte	Result	LOQ	% of Total	Notes	Analyte	Result	LOQ	% of Total	Notes
a-Bisabolol [†]	0.0314	0.019	40.1535%		β-Caryophyllene [†]	0.0241	0.019	30.8184%	
farnesene [†]	0.0227	0.019	29.0281%		(-)-caryophyllene oxide [†]	< LOQ	0.019	0.00%	
β-Myrcene [†]	< LOQ	0.019	0.00%		(-)-Guaiol [†]	< LOQ	0.019	0.00%	
Humulene [†]	< LOQ	0.019	0.00%		Geraniol [†]	< LOQ	0.019	0.00%	
a-phellandrene [†]	< LOQ	0.019	0.00%		nerol [†]	< LOQ	0.019	0.00%	
trans-β-Ocimene [†]	< LOQ	0.012	0.00%		a-Terpinene [†]	< LOQ	0.019	0.00%	
(-)-a-Terpineol [†]	< LOQ	0.019	0.00%		p-Cymene [†]	< LOQ	0.019	0.00%	
cis-β-Ocimene [†]	< LOQ	0.006	0.00%		Linalool [†]	< LOQ	0.019	0.00%	
(R)-(+)-Limonene [†]	< LOQ	0.019	0.00%		Geranyl acetate [†]	< LOQ	0.019	0.00%	
Terpinolene [†]	< LOQ	0.019	0.00%		(+)-Cedrol [†]	< LOQ	0.019	0.00%	
gamma-Terpinene [†]	< LOQ	0.019	0.00%		Sabinene [†]	< LOQ	0.019	0.00%	
(+)-Pulegone [†]	< LOQ	0.019	0.00%		(±)-Camphor [†]	< LOQ	0.019	0.00%	
(±)-trans-Nerolidol [†]	< LOQ	0.019	0.00%		Menthol [†]	< LOQ	0.019	0.00%	
valencene [†]	< LOQ	0.019	0.00%		(-)-β-Pinene [†]	< LOQ	0.019	0.00%	
(±)-cis-Nerolidol [†]	< LOQ	0.019	0.00%		Camphene [†]	< LOQ	0.019	0.00%	
Sabinene hydrate [†]	< LOQ	0.019	0.00%		Eucalyptol [†]	< LOQ	0.019	0.00%	
(±)-fenchone [†]	< LOQ	0.019	0.00%		(-)-Isopulegol [†]	< LOQ	0.019	0.00%	
(+)-Borneol [†]	< LOQ	0.019	0.00%		(+)-fenchol [†]	< LOQ	0.019	0.00%	
a-cedrene [†]	< LOQ	0.019	0.00%		a-pinene [†]	< LOQ	0.019	0.00%	
d-3-Carene [†]	< LOQ	0.019	0.00%		Isoborneol [†]	< LOQ	0.019	0.00%	
Total Terpenes	0.0782								



Metals									
Analyte	Result	Limits	Units	LOQ	Batch	Analyze	Method	Status	Notes
Arsenic	< LOQ	0.200	mg/kg	0.0392	2200986	02/03/22	AOAC 2013.06 (mod.)	pass	X
Cadmium	< LOQ	0.200	mg/kg	0.0392	2200986	02/03/22	AOAC 2013.06 (mod.)	pass	X
Lead	< LOQ	0.500	mg/kg	0.0392	2200986	02/03/22	AOAC 2013.06 (mod.)	pass	X
Mercury	< LOQ	0.100	mg/kg	0.0196	2200986	02/03/22	AOAC 2013.06 (mod.)	pass	X



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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

µg/g = Microgram per gram

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

% = 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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12423 NE Whitaker Way Portland OR 97230 p.503-254-1794

Cannabis Chain of Custody Record

ORELAP ID: OR100028

Field ID		Date/Time Collected	Pesticides - OR 59 compounds	Pesticide Multi-Residue - 379 compounds	Potency	Residual Solvents	Water Activity	Moisture	Terpenes	Micro: Yeast and Mold	Micro: E. Coli and Total Coliform	Heavy Metals	Mycotoxins	Other	Matrix	Weight	Serving size for edibles	Comments/Metric ID
[REDACTED]					X													
DK41(A)-CAP.SLPSO		1/20/22 2:10P			X										Dry CAP			Powder / Dry CAP
DK41(A)-CAP.SLPSO		1/20/22 2:10P	X			X			X	X	X	X			Dry CAP			LAZ. NAT. Discomf

Purchase Order Number:
Project Number:
Project Name:
 Report Instructions:
 Send to State - METRC
 Email Final Results:
 Fax Final Results
 Cash/Check/CC/Net 30
Other:

Collected By:	Relinquished By:	Date	Time	Received by:	Date	Time	Lab Use Only:
<input checked="" type="checkbox"/> Standard (5 day)	[REDACTED]						Client Alias: Order Number: Proper Container: Sample Condition: Temperature: 19.5°C Shipped Via: Client Evidence of cooling: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<input type="checkbox"/> Rush (3-4 day) (1.5x Standard)							
<input type="checkbox"/> Priority Rush (2 day) (2x Standard)							

SUBMISSION OF SAMPLES WITH TESTING REQUIREMENTS TO PIXIS WILL BE UNDERSTOOD TO BE AN AGREEMENT FOR SERVICES IN ACCORDANCE WITH THE CONDITIONS LISTED ON THE BACK OF THIS FORM
Revision: 1.02 Control#: CF023 Effective 01/31/2019 Revised 01/31/2019 www.pixislabs.com Page 1 of 2

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



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Received: 01/26/22 15:38



Revision: 1 Document ID: 7086
 Legacy ID: CFL-E57Worksheet Validated 11/04/2020

Terpenes Quality Control Results

Method Reference: EP/6035				Batch D: 2200780					
Method Blank				Laboratory Control Sample					
Analyte	Result	LOQ	Notes	Result	LCS	Units	LCS % Rec	Limits	Notes
a-pinene	<LOQ	< 200		390	500	µg/g	78%	70 - 130	
Camphene	<LOQ	< 200		398	500	µg/g	80%	70 - 130	
Sabinene	<LOQ	< 200		408	500	µg/g	82%	70 - 130	
b-Pinene	<LOQ	< 200		412	500	µg/g	82%	70 - 130	
b-Myrcene	<LOQ	< 200		386	500	µg/g	77%	70 - 130	
a-phellandrene	<LOQ	< 200		408	500	µg/g	82%	70 - 130	
d-3-Caene	<LOQ	< 200		396	500	µg/g	79%	70 - 130	
a-Terpinene	<LOQ	< 200		382	500	µg/g	76%	70 - 130	
p-Cymene	<LOQ	< 200		373	500	µg/g	75%	70 - 130	
D-Limonene	<LOQ	< 200		395	500	µg/g	79%	70 - 130	
Eucalyptol	<LOQ	< 200		375	500	µg/g	75%	70 - 130	
b-α-Camphene	<LOQ	< 67		127	167	µg/g	76%	70 - 130	
b-trans-Camphene	<LOQ	< 133		258	333	µg/g	77%	70 - 130	
γ-Terpinene	<LOQ	< 200		399	500	µg/g	80%	70 - 130	
Sabinene Hydrate	<LOQ	< 200		384	500	µg/g	77%	70 - 130	
Terpinolene	<LOQ	< 200		370	500	µg/g	74%	70 - 130	
D-Fenchone	<LOQ	< 200		393	500	µg/g	79%	70 - 130	
Linalool	<LOQ	< 200		355	500	µg/g	71%	70 - 130	
Fenchol	<LOQ	< 200		382	500	µg/g	76%	70 - 130	
Camphor	<LOQ	< 200		367	500	µg/g	73%	70 - 130	
Isopulegol	<LOQ	< 200		371	500	µg/g	74%	70 - 130	
Isoborneol	<LOQ	< 200		386	500	µg/g	77%	70 - 130	
Borneol	<LOQ	< 200		380	500	µg/g	76%	70 - 130	
DL-Menthol	<LOQ	< 200		382	500	µg/g	76%	70 - 130	
Terpineol	<LOQ	< 200		349	500	µg/g	70%	70 - 130	
Nerol	<LOQ	< 200		370	500	µg/g	74%	70 - 130	
Pulegone	<LOQ	< 200		380	500	µg/g	76%	70 - 130	
Geraniol	<LOQ	< 200		386	500	µg/g	77%	70 - 130	
Geranyl Acetate	<LOQ	< 200		388	500	µg/g	78%	70 - 130	
α-Cedrene	<LOQ	< 200		385	500	µg/g	77%	70 - 130	
b-Caryophyllene	<LOQ	< 200		386	500	µg/g	77%	70 - 130	
α-Humulene	<LOQ	< 200		362	500	µg/g	72%	70 - 130	
Valenene	<LOQ	< 200		375	500	µg/g	75%	70 - 130	
cis-Nerolidol	<LOQ	< 200		400	500	µg/g	80%	70 - 130	
α-Farnesene	<LOQ	< 200		365	500	µg/g	73%	70 - 130	
trans-Nerolidol	<LOQ	< 200		401	500	µg/g	80%	70 - 130	
Caryophyllene Oxide	<LOQ	< 200		435	500	µg/g	87%	70 - 130	
Guaiol	<LOQ	< 200		394	500	µg/g	79%	70 - 130	
Cedrol	<LOQ	< 200		399	500	µg/g	80%	70 - 130	
α-Bisabolol	<LOQ	< 200		397	500	µg/g	79%	70 - 130	

Definitions

LOQ	Limit of Quantitation
LCS	Laboratory Control Sample
%REC	Percent Recovery



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Received: 01/26/22 15:38

Revision: 1 Document ID: 7086
 Legacy ID: CFL-E57Worksheet Validated 11/04/2020

Terpenes Quality Control Results

Method Reference: EPA5035		Batch D: 2200780					
Sample/Sample Duplicate		Sample D: 22-000875-0001					
Analyte	Result	Org. Result	LOQ	Units	% RPD	LIMIT	Notes
a-pinene	<LOQ	<LOQ	192	µg/g	0%	< 20	
Camphene	<LOQ	<LOQ	192	µg/g	0%	< 20	
Sabinene	<LOQ	<LOQ	192	µg/g	0%	< 20	
b-Pinene	<LOQ	<LOQ	192	µg/g	0%	< 20	
b-Myrcene	<LOQ	<LOQ	192	µg/g	0%	< 20	
a-phellandrene	<LOQ	<LOQ	192	µg/g	0%	< 20	
d-3-Caene	<LOQ	<LOQ	192	µg/g	0%	< 20	
a-Terpinene	<LOQ	<LOQ	192	µg/g	0%	< 20	
p-Cymene	<LOQ	<LOQ	192	µg/g	0%	< 20	
D-Limonene	<LOQ	<LOQ	192	µg/g	0%	< 20	
Eucalyptol	<LOQ	<LOQ	192	µg/g	0%	< 20	
b-cis-OCimene	<LOQ	<LOQ	64.1	µg/g	0%	< 20	
b-trans-OCimene	<LOQ	<LOQ	128	µg/g	0%	< 20	
g-Terpinene	<LOQ	<LOQ	192	µg/g	0%	< 20	
Sabinene Hydrate	<LOQ	<LOQ	192	µg/g	0%	< 20	
Terpinolene	<LOQ	<LOQ	192	µg/g	0%	< 20	
D-Fenchone	<LOQ	<LOQ	192	µg/g	0%	< 20	
Linalool	<LOQ	<LOQ	192	µg/g	0%	< 20	
Fenchol	<LOQ	<LOQ	192	µg/g	0%	< 20	
Camphor	<LOQ	<LOQ	192	µg/g	0%	< 20	
Isopuleg	<LOQ	<LOQ	192	µg/g	0%	< 20	
Isborneol	<LOQ	<LOQ	192	µg/g	0%	< 20	
Borneol	<LOQ	<LOQ	192	µg/g	0%	< 20	
DL-Menthol	<LOQ	<LOQ	192	µg/g	0%	< 20	
Terpineol	<LOQ	<LOQ	192	µg/g	0%	< 20	
Nerol	<LOQ	<LOQ	192	µg/g	0%	< 20	
Perylene	<LOQ	<LOQ	192	µg/g	0%	< 20	
Geraniol	<LOQ	<LOQ	192	µg/g	0%	< 20	
Geranyl_Acetate	<LOQ	<LOQ	192	µg/g	0%	< 20	
a-Cedrene	<LOQ	<LOQ	192	µg/g	0%	< 20	
b-Caryophyllene	<LOQ	<LOQ	192	µg/g	0%	< 20	
a-Humulene	<LOQ	<LOQ	192	µg/g	0%	< 20	
Valenene	<LOQ	<LOQ	192	µg/g	0%	< 20	
cis-Nerolidol	<LOQ	<LOQ	192	µg/g	0%	< 20	
a-Farnesene	<LOQ	<LOQ	192	µg/g	0%	< 20	
trans-Nerolidol	<LOQ	<LOQ	192	µg/g	0%	< 20	
Caryophyllene Oxide	<LOQ	<LOQ	192	µg/g	0%	< 20	
Guaiol	<LOQ	<LOQ	192	µg/g	0%	< 20	
Cedrol	<LOQ	<LOQ	192	µg/g	0%	< 20	
a-Bisabol	<LOQ	<LOQ	192	µg/g	0%	< 20	

Definitions

RPD Relative Percent Difference



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Laboratory Quality Control Results

Residual Solvents		Batch ID 2200807									
Method Blank				Laboratory Control Sample							
Analyte	Result	LOQ	Notes	Result	Spike	Units	% Rec	Limits	Notes		
Propane	ND	< 200		386	401	µg/g	96.3	70	130		
Isobutane	ND	< 200		419	498	µg/g	84.1	70	130		
Butane	ND	< 200		419	493	µg/g	84.2	70	130		
2,2-Dimethylpropane	ND	< 200		653	628	µg/g	104.0	70	130		
Methanol	ND	< 200		1450	1610	µg/g	90.1	70	130		
Ethylene Oxide	ND	< 30		31	37.2	µg/g	83.3	70	130		
2-Methylbutane	ND	< 200		1450	1630	µg/g	89.0	70	130		
Pentane	ND	< 200		1510	1610	µg/g	93.8	70	130		
Ethanol	ND	< 200		1320	1630	µg/g	81.0	70	130		
Ethyl Ether	ND	< 200		1420	1610	µg/g	88.2	70	130		
2,2-Dimethylbutane	ND	< 30		172	165	µg/g	104.2	70	130		
Acetone	ND	< 200		1570	1610	µg/g	97.5	70	130		
2-Propanol	ND	< 200		1590	1610	µg/g	98.8	70	130		
Acetonitrile	ND	< 100		564	498	µg/g	113.3	70	130		
2,3-Dimethylbutane	ND	< 30		161	162	µg/g	99.4	70	130		
Dichloromethane	ND	< 60		469	498	µg/g	94.2	70	130		
2-Methylpentane	ND	< 30		183	167	µg/g	109.6	70	130		
3-Methylpentane	ND	< 30		178	173	µg/g	99.4	70	130		
Hexane	ND	< 30		138	164	µg/g	84.1	70	130		
Ethyl acetate	ND	< 200		1440	1620	µg/g	88.9	70	130		
2-Butanol	ND	< 200		1450	1600	µg/g	90.6	70	130		
Tetrahydrofuran	ND	< 100		419	500	µg/g	83.8	70	130		
Cyclohexane	ND	< 200		1430	1610	µg/g	88.8	70	130		
Benzene	ND	< 1		5.49	5.62	µg/g	97.7	70	130		
Isopropyl Acetate	ND	< 200		1650	1610	µg/g	102.5	70	130		
Heptane	ND	< 200		1680	1610	µg/g	104.3	70	130		
1,4-Dioxane	ND	< 100		482	500	µg/g	96.0	70	130		
2-Ethoxyethanol	ND	< 30		151	164	µg/g	92.1	70	130		
Ethylene Glycol	ND	< 200		500	500	µg/g	99.0	70	130		
Toluene	ND	< 200		469	498	µg/g	96.1	70	130		
Ethyl benzene	ND	< 200		929	960	µg/g	95.3	70	130		
m,p-Xylene	ND	< 200		956	990	µg/g	96.6	70	130		
o-Xylene	ND	< 200		907	971	µg/g	93.4	70	130		
Cumene	ND	< 30		160	179	µg/g	89.4	70	130		
1,2-Dichloroethane	ND	< 1		1.1	1	µg/g	110.0	70	130		
Chloroform	ND	< 1		1.03	1	µg/g	103.0	70	130		
Trichloroethylene	ND	< 1		0.974	1	µg/g	97.4	70	130		



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QC - Sample Duplicate Sample ID 22-000983-0002

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	
Acetonitrile	ND	ND	100	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	
3-Methylpentane	ND	ND	30	µg/g	0.0	< 20	Acceptable	
Hexane	ND	ND	30	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	
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	
1,4-Dioxane	ND	ND	100	µg/g	0.0	< 20	Acceptable	
2-Ethoxyethanol	ND	ND	30	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	
Ethyl benzene	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	
1,2-Dichloroethane	ND	ND	1	µg/g	0.0	< 20	Acceptable	
Chloroform	ND	ND	1	µg/g	0.0	< 20	Acceptable	
Tetrachloroethylene	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



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Revision: 3 Document ID 3120
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Laboratory Pesticide Quality Control Results

AQAC2007.1 & EN 15662		Units: mg/Kg		Laboratory Control Sample		Batch ID 2200825		
Method Blank	Blank Result	Blank Limits	Notes	LCS Result	LCS Spke	LCS % Re	Limits	Notes
Acetate	0.00	< 0.250		0.998	1.000	99.8	80.2 - 124	
Acetamiprid	0.00	< 1.000		4.007	4.000	100.2	69.6 - 122	
Acetamiprid	0.00	< 0.100		0.404	0.400	101.0	82.4 - 119	
Aldicarb	0.00	< 0.200		0.849	0.800	106.1	70.8 - 131	
Abamectin	0.00	< 0.250		0.850	1.000	85.0	72.6 - 128	
Azoxystrobin	0.008	< 0.100		0.373	0.400	93.2	76.9 - 123	
Bifenazate	0.00	< 0.100		0.559	0.400	139.7	88.5 - 164	
Bifenthrin	0.00	< 0.100		0.396	0.400	99.0	72.7 - 123	
Boscalid	0.00	< 0.200		0.782	0.800	97.7	74.0 - 131	
Carbaryl	0.00	< 0.100		0.386	0.400	96.5	80.7 - 122	
Carbofuran	0.00	< 0.100		0.402	0.400	100.5	71.5 - 133	
Chlorantraniliprol	0.00	< 0.100		0.404	0.400	101.1	81.4 - 121	
Chlorfenapyr	0.005	< 0.500		2.268	2.000	113.4	70.9 - 132	
Chlorpyrifos	0.010	< 0.100		0.363	0.400	90.8	72.9 - 120	
Clofentezine	0.00	< 0.100		0.387	0.400	96.7	74.6 - 122	
Cyfluthrin	0.00	< 0.500		1.900	2.000	95.0	70.2 - 130	
Cypermethrin	0.00	< 0.500		1.905	2.000	95.2	75.1 - 125	
Daminozide	0.115	< 0.500		2.478	2.000	123.9	77.8 - 145	
Diazinon	0.00	< 0.100		0.396	0.400	99.0	72.0 - 134	
Dichlorvos	0.00	< 0.500		1.937	2.000	96.9	81.6 - 113	
Dimethoat	0.00	< 0.100		0.394	0.400	98.5	81.7 - 118	
Ethionphos	0.00	< 0.100		0.382	0.400	95.5	74.2 - 127	
Etofenprox	0.00	< 0.200		0.809	0.800	101.2	73.5 - 136	
Etoxazol	0.00	< 0.100		0.464	0.400	116.0	75.3 - 129	
Fenoxycarb	0.00	< 0.100		0.385	0.400	96.4	82.0 - 119	
Fenpyroximat	0.00	< 0.200		0.811	0.800	101.4	79.6 - 121	
Flpronil	0.00	< 0.200		0.810	0.800	101.3	83.5 - 128	
Fonicamid	0.00	< 0.250		0.966	1.000	96.6	71.5 - 127	
Fludioxonil	0.00	< 0.200		0.788	0.800	98.6	71.9 - 134	
Hexythiazox	0.00	< 0.250		0.954	1.000	95.4	71.3 - 132	
Imazalil	0.00	< 0.100		0.417	0.400	104.2	73.8 - 132	
Imidacloprid	0.00	< 0.200		0.775	0.800	96.9	79.8 - 121	
Kiesoxim-Methyl	0.00	< 0.200		0.791	0.800	98.9	76.7 - 125	
Malathion	0.00	< 0.100		0.401	0.400	100.4	75.5 - 130	
Metaxyl	0.00	< 0.100		0.381	0.400	95.2	79.9 - 121	
Methiocarb	0.00	< 0.100		0.373	0.400	93.3	82.7 - 120	
Methomyl	0.00	< 0.200		0.748	0.800	93.5	68.1 - 127	
MCK 264	0.00	< 0.100		0.384	0.400	96.0	77.8 - 124	
Myclobutanil	0.00	< 0.100		0.395	0.400	98.7	73.9 - 127	
Naled	0.00	< 0.250		1.012	1.000	101.2	80.2 - 116	
Oxaryl	0.00	< 0.500		1.925	2.000	96.3	71.1 - 125	
Padobutrazol	0.00	< 0.200		0.783	0.800	97.8	80.4 - 121	
Parathion Methyl	0.00	< 0.200		0.778	0.800	97.2	81.0 - 127	
Permethrin	0.00	< 0.100		0.380	0.400	94.9	69.4 - 124	
Phosmet	0.00	< 0.100		0.374	0.400	93.5	81.5 - 122	
Piperonyl butoxide	0.00	< 0.500		2.048	2.000	102.4	71.7 - 133	
Prallethrin	0.00	< 0.100		0.397	0.400	99.2	76.5 - 124	
Propiconazole	0.00	< 0.200		0.800	0.800	99.9	82.3 - 120	
Propoxur	0.00	< 0.100		0.394	0.400	98.6	74.4 - 126	
Pyrethrins	0.00	< 0.100		0.410	0.413	99.3	73.0 - 136	
Pyridaben	0.00	< 0.100		0.394	0.400	98.5	74.1 - 127	
Spinosad	0.00	< 0.100		0.446	0.388	115.0	74.2 - 138	
Spiromesfen	0.00	< 0.100		0.413	0.400	103.3	77.0 - 129	
Spirotetramat	0.00	< 0.100		0.387	0.400	96.8	80.2 - 123	
Spiroxamine	0.00	< 0.200		0.753	0.800	94.1	74.8 - 122	
Tebuconazol	0.00	< 0.200		0.799	0.800	99.9	79.5 - 123	
Thiadoprid	0.00	< 0.100		0.381	0.400	95.4	81.1 - 122	
Thiamethoxam	0.00	< 0.100		0.382	0.400	95.4	70.1 - 130	
Trifloxystrobin	0.00	< 0.100		0.380	0.400	95.1	76.5 - 128	



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Report Number: 22-000983/D003.R000
 Report Date: 02/04/2022
 ORELAP#: OR100028
 Purchase Order:
 Received: 01/26/22 15:38

Revision: 3 Document ID 3120
 LegacyID: CFLC21WorksheetValidated 10/30/2020

Laboratory Pesticide Quality Control Results

AQAC2007.1 & EN 15662		Units: mg/Kg					Batch ID 2200825			
Matrix Spk/Matrix Spk Duplicate Recoveries		Sample ID: 22-0009120001								
Analyte	Result	MSR Re	MSD Re	Spike	RPD%	Limit	MS% Re	MSD % Re	Limits	Notes
Acephate	0.00	0.967	1.001	1.000	3.4%	< 30	96.7%	100.1%	50 - 150	
Acetamiprid	0.00	3.395	3.303	4.000	2.8%	< 30	84.9%	82.6%	50 - 150	
Acetamiprid	0.00	0.390	0.401	0.400	3.0%	< 30	97.4%	100.3%	50 - 150	
Aldicarb	0.00	0.790	0.828	0.800	4.7%	< 30	98.7%	103.4%	50 - 150	
Abamectin	0.00	0.840	0.993	1.000	16.7%	< 30	84.0%	99.3%	50 - 150	
Azoxystrobin	0.00	0.373	0.372	0.400	0.2%	< 30	92.9%	92.3%	50 - 150	
Bfenazate	0.00	0.553	0.576	0.400	4.0%	< 30	138.2%	143.9%	50 - 150	
Bfenathrin	0.00	0.377	0.339	0.400	10.7%	< 30	94.2%	84.6%	50 - 150	
Boscalid	0.00	0.745	0.784	0.800	5.2%	< 30	93.1%	98.0%	50 - 150	
Carbaryl	0.00	0.369	0.378	0.400	2.5%	< 30	92.3%	94.6%	50 - 150	
Carbofuran	0.00	0.394	0.364	0.400	8.0%	< 30	98.4%	90.9%	50 - 150	
Chlorantraniliprol	0.00	0.403	0.384	0.400	4.9%	< 30	100.7%	95.9%	50 - 150	
Chlorfenapyr	0.127	2.081	1.817	2.000	14.5%	< 30	97.7%	84.5%	50 - 150	
Chlorpyrifos	0.00	0.350	0.337	0.400	3.8%	< 30	85.3%	82.1%	50 - 150	
Clofentezine	0.00	0.383	0.373	0.400	2.4%	< 30	95.6%	93.4%	50 - 150	
Cyfluthrin	0.00	1.905	1.725	2.000	9.9%	< 30	95.3%	86.3%	30 - 150	
Cypermethrin	0.00	1.407	1.238	2.000	12.8%	< 30	70.3%	61.9%	50 - 150	
Daminozide	0.111	2.108	2.103	2.000	0.2%	< 30	99.8%	99.6%	30 - 150	
Diazinon	0.00	0.384	0.403	0.400	4.7%	< 30	96.1%	100.6%	50 - 150	
Dichlorvos	0.00	1.831	1.942	2.000	5.9%	< 30	91.6%	97.1%	50 - 150	
Dimethoat	0.00	0.383	0.389	0.400	1.5%	< 30	95.9%	97.3%	50 - 150	
Ethoprophos	0.00	0.383	0.387	0.400	1.1%	< 30	95.8%	96.9%	50 - 150	
Etofenprox	0.00	0.654	0.627	0.800	4.2%	< 30	81.7%	78.4%	50 - 150	
Etoxaol	0.00	0.451	0.474	0.400	5.0%	< 30	112.8%	118.6%	50 - 150	
Fenoxycarb	0.00	0.387	0.384	0.400	0.8%	< 30	96.8%	96.0%	50 - 150	
Fenpyroximat	0.00	0.797	0.767	0.800	3.9%	< 30	99.7%	95.9%	50 - 150	
Flpronil	0.00	0.790	0.796	0.800	0.8%	< 30	98.8%	99.5%	50 - 150	
Fonicamid	0.00	0.877	1.047	1.000	17.7%	< 30	87.7%	104.7%	50 - 150	
Fludioxonil	0.00	0.813	0.810	0.800	0.3%	< 30	101.7%	101.3%	50 - 150	
Hexythiazox	0.00	0.920	0.905	1.000	1.6%	< 30	92.0%	90.3%	50 - 150	
Imazalil	0.00	0.417	0.405	0.400	2.7%	< 30	104.1%	101.3%	50 - 150	
Imidacloprid	0.00	0.692	0.768	0.800	10.4%	< 30	86.5%	96.0%	50 - 150	
Kiesoxim-Methyl	0.00	0.745	0.782	0.800	4.9%	< 30	93.1%	97.8%	50 - 150	
Malathion	0.00	0.368	0.395	0.400	7.4%	< 30	91.9%	99.0%	50 - 150	
Metaxalyl	0.00	0.370	0.375	0.400	1.4%	< 30	92.4%	93.7%	50 - 150	
Methiocarb	0.00	0.386	0.372	0.400	3.7%	< 30	96.9%	93.0%	50 - 150	
Methomyl	0.00	0.645	0.851	0.800	27.6%	< 30	80.8%	106.4%	50 - 150	
MCK 264	0.00	0.383	0.378	0.400	1.2%	< 30	95.7%	94.8%	50 - 150	
Mydobutanil	0.00	0.389	0.386	0.400	1.1%	< 30	97.3%	96.2%	50 - 150	
Naled	0.00	0.101	0.957	1.000	5.5%	< 30	101.1%	95.7%	50 - 150	
Oxaryl	0.00	1.711	2.135	2.000	22.0%	< 30	85.6%	106.8%	50 - 150	
Padobutrazol	0.00	0.758	0.785	0.800	3.4%	< 30	94.7%	98.1%	50 - 150	
Parathion Methyl	0.025	0.825	0.850	0.800	2.9%	< 30	100.0%	103.0%	30 - 150	
Permethrin	0.00	0.342	0.304	0.400	11.9%	< 30	85.5%	75.9%	50 - 150	
Phosmet	0.00	0.357	0.386	0.400	7.8%	< 30	89.3%	96.5%	50 - 150	
Piperonyl butoxide	0.00	1.995	2.053	2.000	2.9%	< 30	99.7%	102.7%	50 - 150	
Prallethrin	0.00	0.369	0.381	0.400	3.0%	< 30	92.4%	95.2%	50 - 150	
Propiconazole	0.00	0.772	0.794	0.800	2.8%	< 30	96.5%	99.2%	50 - 150	
Propoxur	0.00	0.374	0.377	0.400	0.8%	< 30	93.8%	94.3%	50 - 150	
Pyrethrins	0.00	0.386	0.381	0.413	1.3%	< 30	93.8%	92.3%	50 - 150	
Pyridaben	0.00	0.246	0.249	0.400	1.2%	< 30	61.6%	62.3%	50 - 150	
Spinosad	0.00	0.430	0.438	0.388	1.8%	< 30	110.8%	112.9%	50 - 150	
Spiromesfen	0.00	0.407	0.391	0.400	4.1%	< 30	101.8%	97.7%	50 - 150	
Spirotetramat	0.00	0.367	0.395	0.400	7.7%	< 30	91.7%	99.1%	50 - 150	
Spiroxamine	0.00	0.750	0.759	0.800	1.2%	< 30	93.7%	94.9%	50 - 150	
Tebuconazol	0.00	0.787	0.794	0.800	0.9%	< 30	98.4%	99.2%	50 - 150	
Thiadoprid	0.00	0.375	0.378	0.400	0.9%	< 30	93.7%	94.6%	50 - 150	
Thiamethoxam	0.00	0.335	0.426	0.400	24.1%	< 30	83.7%	106.6%	50 - 150	
Trifloxystrobin	0.00	0.357	0.360	0.400	0.9%	< 30	89.2%	89.9%	50 - 150	



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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.