



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



Report Number: 21-008392/D015.R000
Report Date: 08/06/2021
ORELAP#: OR100028
Purchase Order:
Received: 07/22/21 15:42

Customer: KIK By Kalibloom
Product identity: Lemon Skunk
Client/Metric ID: .
Laboratory ID: 21-008392-0016

Sample Date: 07/19/21 15:00

Summary

Potency:

Analyte	As Received	Dry weight			
CBC†	0.197	0.222		CBD-Total	13.7%
CBC-A†	0.841	0.946		THC-Total	0.377%
CBD	1.24	1.39		(Reported in percent of total sample)	
CBD-A	12.5	14.1			
CBDV-A†	0.0652	0.0733			
CBG†	0.0802	0.0902			
CBG-A†	0.883	0.993			
CBN	0.0797	0.0897			
Δ8-THC†	3.85	4.33			
THC-A	0.382	0.430			

Water Activity and Moisture:

Analyte	Result	Limits	Unit
Moisture as loss on drying	11.1	15.0	%
Water Activity	0.561	0.650	aw

Pesticides:

All analytes passing and less than LOQ.

Terpenes:

Analyte	Percent by weight	Percent of Total	Analyte	Percent by weight	Percent of Total
β-Caryophyllene†	0.378	25.89%	farnesene†	0.232	15.89%
β-Myrcene†	0.218	14.93%	Terpinolene†	0.163	11.16%
Humulene†	0.127	8.70%	a-Bisabolol†	0.0848	5.81%
α-pinene†	0.0696	4.77%	(R)-(+)-Limonene†	0.0446	3.05%
(-)-β-Pinene†	0.0434	2.97%	Linalool†	0.0394	2.70%
(-)-Guaiol†	0.0335	2.29%	trans-β-Ocimene†	0.0221	1.51%
Total Terpenes†	1.46	100.00%			

Metals:

Less than LOQ for all analytes.



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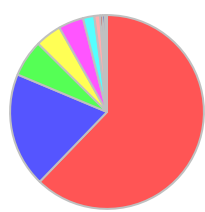
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Customer: KIK By Kalibloom
United States of America (USA)
Product identity: Lemon Skunk
Client/Metric ID: .
Sample Date: 07/19/21 15:00
Laboratory ID: 21-008392-0016
Evidence of Cooling: No
Temp: 23.6 °C

Sample Results

Potency	Method J AOAC 2015 V98-6 (mod)			Units %	Batch 2106641	Analyze 07/27/21 12:35 AM
Analyte	As Received	Dry weight	LOQ	Units	Notes	
CBC†	0.197	0.222	0.0293	%		
CBC-A†	0.841	0.946	0.0293	%		
CBC-Total†	0.935	1.05	0.0550	%		
CBD	1.24	1.39	0.0293	%		
CBD-A	12.5	14.1	0.293	%		
CBD-Total	12.2	13.7	0.286	%		
CBDV†	< LOQ	< LOQ	0.0293	%		
CBDV-A†	0.0652	0.0733	0.0293	%		
CBDV-Total†	0.0565	0.0636	0.0547	%		
CBE†	< LOQ	< LOQ	0.0293	%		
CBG†	0.0802	0.0902	0.0293	%		
CBG-A†	0.883	0.993	0.0293	%		
CBG-Total†	0.855	0.951	0.0547	%		
CBL†	< LOQ	< LOQ	0.0293	%		
CBL-A†	< LOQ	< LOQ	0.0293	%		
CBL-Total†	< LOQ	< LOQ	0.0550	%		
CBN	0.0797	0.0897	0.0293	%		
CBT†	< LOQ	< LOQ	0.0293	%		
Δ8-THC†	3.85	4.33	0.0293	%		
Δ8-THCV†	< LOQ	< LOQ	0.0293	%		
Δ9-THC	< LOQ	< LOQ	0.0293	%		
exo-THC†	< LOQ	< LOQ	0.0329	%		
THC-A	0.382	0.430	0.0293	%		
THC-Total	0.335	0.377	0.0550	%		
THCV†	< LOQ	< LOQ	0.0293	%		
THCV-A†	< LOQ	< LOQ	0.0293	%		
THCV-Total†	< LOQ	< LOQ	0.0547	%		



- CBD-A
- 8-THC
- CBD
- CBG-A
- CBC-A
- THC-A
- CBC
- CBG
- CBN
- CBDV-A

Water Activity and Moisture								
Analyte	Result	Limits	Units	LOQ	Batch	Analyze	Method	Notes
Moisture as loss on drying	11.1	15.0	%	0.20	2106967	08/05/21	AOAC 966.02 (mod.)	X
Water Activity	0.561	0.650	aw	0.0300	2106664	07/30/21	AOAC 978.18	X

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 333-007-0400 OAR 333-007-0420 OAR 333-007-0430



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Pesticides											
Method AOAC 2007.01 & EN 15662 (mod) Units mg/kg Batch 2106671 Analyze 07/27/21 04:33 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							

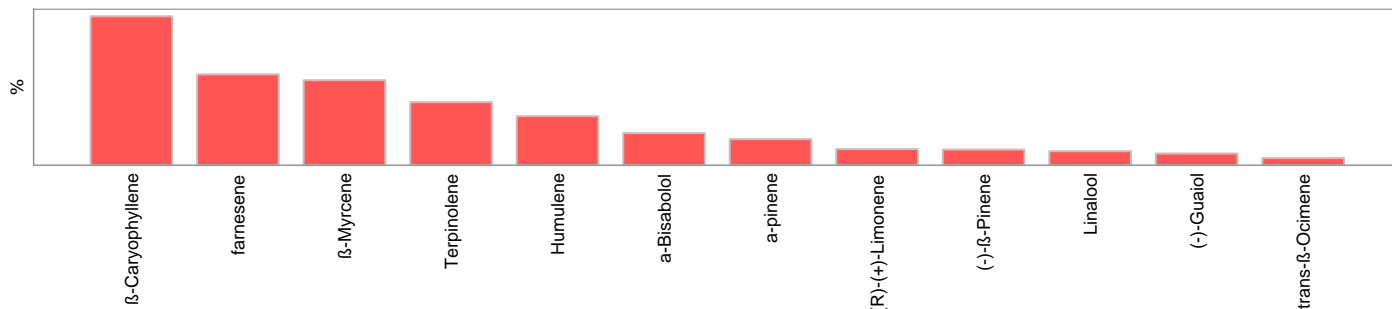


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Received: 07/22/21 15:42



Terpenes				Method J AOAC 2015 V98-6	Units %	Batch 2106652	Analyze 07/26/21 05:22 PM		
Analyte	Result	LOQ	% of Total	Notes	Analyte	Result	LOQ	% of Total	Notes
β-Caryophyllene [†]	0.378	0.019	25.89%		farnesene [†]	0.232	0.019	15.89%	
β-Myrcene [†]	0.218	0.019	14.93%		Terpinolene [†]	0.163	0.019	11.16%	
Humulene [†]	0.127	0.019	8.70%		α-Bisabolol [†]	0.0848	0.019	5.81%	
α-pinene [†]	0.0696	0.019	4.77%		(R)-(+)-Limonene [†]	0.0446	0.019	3.05%	
(-)-β-Pinene [†]	0.0434	0.019	2.97%		Linalool [†]	0.0394	0.019	2.70%	
(-)-Guaiol [†]	0.0335	0.019	2.29%		trans-β-Ocimene [†]	0.0221	0.012	1.51%	
(-)-caryophyllene oxide [†]	< LOQ	0.019	0.00%		(+)-fenchol [†]	< LOQ	0.019	0.00%	
(-)-α-Terpineol [†]	< LOQ	0.019	0.00%		(±)-trans-Nerolidol [†]	< LOQ	0.019	0.00%	
d-3-Carene [†]	< LOQ	0.019	0.00%		α-Terpinene [†]	< LOQ	0.019	0.00%	
Geraniol [†]	< LOQ	0.019	0.00%		p-Cymene [†]	< LOQ	0.019	0.00%	
(±)-cis-Nerolidol [†]	< LOQ	0.019	0.00%		(+)-Pulegone [†]	< LOQ	0.019	0.00%	
(+)-Cedrol [†]	< LOQ	0.019	0.00%		Geranyl acetate [†]	< LOQ	0.019	0.00%	
nerol [†]	< LOQ	0.019	0.00%		α-phellandrene [†]	< LOQ	0.019	0.00%	
γ-Terpinene [†]	< LOQ	0.019	0.00%		(+)-Borneol [†]	< LOQ	0.019	0.00%	
Sabinene hydrate [†]	< LOQ	0.019	0.00%		Menthol [†]	< LOQ	0.019	0.00%	
(±)-Camphor [†]	< LOQ	0.019	0.00%		valencene [†]	< LOQ	0.019	0.00%	
Camphene [†]	< LOQ	0.019	0.00%		(-)-Isopulegol [†]	< LOQ	0.019	0.00%	
(±)-fenchone [†]	< LOQ	0.019	0.00%		α-cedrene [†]	< LOQ	0.019	0.00%	
cis-β-Ocimene [†]	< LOQ	0.006	0.00%		Eucalyptol [†]	< LOQ	0.019	0.00%	
Isoborneol [†]	< LOQ	0.019	0.00%		Sabinene [†]	< LOQ	0.019	0.00%	
Total Terpenes	1.46								



Metals									
Analyte	Result	Limits	Units	LOQ	Batch	Analyze	Method	Notes	
Arsenic	< LOQ		mg/kg	0.0196	2106701	07/28/21	AOAC 2013.06 (mod.)	X	
Cadmium	< LOQ		mg/kg	0.0196	2106701	07/28/21	AOAC 2013.06 (mod.)	X	
Lead	< LOQ		mg/kg	0.0196	2106701	07/28/21	AOAC 2013.06 (mod.)	X	
Mercury	< LOQ		mg/kg	0.00980	2106701	07/28/21	AOAC 2013.06 (mod.)	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

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

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

% = Percentage of sample

aw = Water Activity

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

Glossary of Qualifiers

X: Not ORELAP accredited.

Approved Signatory

Derrick Tanner
General Manager



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KIKBYKALIB 21-008392



Hemp / Cannabis Usable / Extract
 Chain of Custody Record

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



KIK By Kalibloom

Company: <u>KIK BY KALIBLOOM</u>				Analysis Requested						PO Number: _____						
Contact: <u>TAYLOR</u>										Project Number: _____			Project Name: _____			
Street: <u>3015 ERUSSELL RD STE A-4</u>				POTENCY	METALS	SOLVENTS	PESTICIDES	TERPENES	Custom Reporting: _____							
City: <u>LAS VEGAS</u> State: <u>NV</u> Zip: <u>09120</u>									Report to State - <input type="checkbox"/> METRC or <input type="checkbox"/> Other: _____							
Email Results: <u>KALIBLOOM@WORLDWIDE</u>									Turnaround time: <input type="checkbox"/> Standard <input checked="" type="checkbox"/> Rush * <input type="checkbox"/> Priority Rush *							
Ph: <u>(702) 210-052</u> Fx Results: ()									*Ask for availability							
Billing (if different): <u>BILL TO KALIBLOOM</u>									Sampled by: _____							
Lab ID	Client Sample Identification	Date	Time											Sample Type †	Weight (Units)	Comments/Metric ID
	<u>BERRY KUSH</u>	<u>07/19</u>	<u>300</u>						X	X	X	X	X	<u>C</u>	<u>4GR</u>	
	<u>DISCOTTI</u>	<u>07/19</u>	<u>300</u>						X	X	X	X	X	<u>C</u>	<u>4GR</u>	
	<u>CHEMDANG</u>	<u>07/19</u>	<u>300</u>						X	X	X	X	X	<u>C</u>	<u>4GR</u>	
	<u>FIRE OG</u>	<u>07/19</u>	<u>300</u>						X	X	X	X	X	<u>C</u>	<u>4GR</u>	
	<u>GELATO #41</u>	<u>07/19</u>	<u>300</u>	X	X	X	X	X	<u>C</u>	<u>4GR</u>						
	<u>GRADE APE</u>	<u>07/19</u>	<u>300</u>	X	X	X	X	X	<u>C</u>	<u>4GR</u>						
	<u>GUAVA</u>	<u>07/19</u>	<u>300</u>	X	X	X	X	X	<u>C</u>	<u>4GR</u>						
	<u>GUSHERS</u>	<u>07/19</u>	<u>300</u>	X	X	X	X	X	<u>C</u>	<u>4GR</u>						
	<u>KING LOUIS XIII</u>	<u>07/19</u>	<u>300</u>	X	X	X	X	X	<u>C</u>	<u>4GR</u>						
	<u>LEMON CAKE</u>	<u>07/19</u>	<u>300</u>	X	X	X	X	X	<u>C</u>	<u>4GR</u>						
	<u>PAPAYA ROSIN</u>	<u>07/19</u>	<u>300</u>	X	X	X	X	X	<u>C</u>	<u>4GR</u>						
Relinquished By: <u>[Signature]</u>		Date	Time	Received By: <u>[Signature]</u>		Date	Time	Lab Use Only:								
		<u>07/19</u>	<u>300</u>			<u>07/21/21</u>	<u>1547</u>	<input 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>23.6</u> Sample in good condition: <input 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 COC. By signing "Relinquished by" you are agreeing to these terms

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Page _____ of _____
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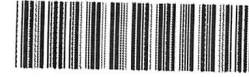
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Hemp / Cannabis Usable / Extract
Chain of Custody Record

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

KIKBYKALIB 21-008392



KIK By Kalibloom

Company: <u>KIK BY KALIBLOOM</u> Contact: <u>TAYLOR</u> Street: <u>2016 E PIKCELL RD STE A-4</u> #240 City: <u>LAS VEGAS</u> State: <u>NV</u> Zip: <u>89120</u> Email Results: <u>KALIBLOOM@WORLDWIDE</u> @EMAIL.COM Ph: <u>702-510-0452</u> Fx Results: () Billing (if different): <u>BILL TO KALIBLOOM</u>				Analysis Requested							PO Number: _____ Project Number: _____ Project Name: _____ Custom Reporting: _____ Report to State - <input type="checkbox"/> METRC or <input type="checkbox"/> Other: _____ Turnaround time: <input type="checkbox"/> Standard <input checked="" type="checkbox"/> Rush * <input type="checkbox"/> Priority Rush * <i>*Ask for availability</i>		
				POTENCY METALS SOLVENTS PESTICIDES TERPENES							Sampled by: _____		
Lab ID	Client Sample Identification	Date	Time	POTENCY	METALS	SOLVENTS	PESTICIDES	TERPENES	Sample Type †	Weight (Units)	Comments/Metric ID		
	RUNTZ	07/19	200	X	X	X	X	X	C	4GR			
	SOUR DIESEL SAVCE	07/19	200	X	X	X	X	X	C	4GR			
	GORILLA GLUE	07/19	200	X	X	X	X	X	C	4GR			
	BLUE DREAM	07/19	200	X	X	X	X	X	C	4GR			
Relinquished By: <u>[Signature]</u>				Date: <u>07/19</u> Time: <u>200</u>			Received By: _____ Date: _____ Time: _____			Lab Use Only: <input type="checkbox"/> Shipped Via: _____ or <input type="checkbox"/> Client drop Evidence of cooling: <input type="checkbox"/> Yes <input type="checkbox"/> No - Temp (°C): _____ Sample in good condition: <input 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)

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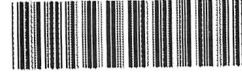
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Revision: 3.01 Control#: CF023 Rev 02/26/2020 Eff: 02/27/2020
ORELAP ID: OR100028

KIKBYKALIB 21-008392



KIK By Kalibloom

Company: <u>KALIBLOOM</u> Contact: <u>TAYLOR</u> Street: <u>2215 E. RUSSELL RD STE A-7</u> City: <u>LAS VEGAS</u> State: <u>NV</u> Zip: <u>89120</u> Email Results: <input checked="" type="checkbox"/> <u>KALIBLOOM@WORLDWIDEEMAIL.COM</u> Ph: <u>(702) 521-0402</u> Fx Results: () Billing (if different): _____				Analysis Requested							PO Number: _____ Project Number: _____ Project Name: _____ Custom Reporting: _____ Report to State - <input type="checkbox"/> METRC or <input type="checkbox"/> Other: _____ Turnaround time: <input checked="" type="checkbox"/> Standard <input type="checkbox"/> Rush * <input type="checkbox"/> Priority Rush * <i>*Ask for availability</i>		
Lab ID	Client Sample Identification	Date	Time	POTENCY	METALS	PESTICIDES	TERPENES	MOISTURE	WATER ACTIVITY	Sample Type †	Weight (Units)	Comments/Metric ID	
	LEMON SKUNK	07/19	3:30	X	X	X	X	X	X	V	15 GR		
Relinquished By: <u>[Signature]</u>				Received By: _____			Date: _____ Time: _____			Lab Use Only: <input type="checkbox"/> Shipped Via: _____ or <input type="checkbox"/> Client drop Evidence of cooling: <input type="checkbox"/> Yes <input type="checkbox"/> No - Temp (°C): _____ Sample in good condition: <input 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: _____			

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Page _____ of _____
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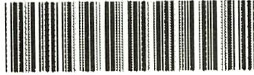


12423 NE Whitaker Way
Portland, OR 97230
503-254-1794

Report Number: 21-008392/D015.R000
Report Date: 08/06/2021
ORELAP#: OR100028
Purchase Order:
Received: 07/22/21 15:42



KIKBYKALIB 21-008392



Columbia Laboratories
Sample Receipt Form

Revision: 2.00 Document Control: CF015
Revised: 01/11/2021 Effective: 03/16/2021

Job Number: KIK By Kalibloom Search Name: _____

Package/Cooler opened on (if different than received date/time) Date: 7/22/21 Time: 1542

Received By (Initials): TD Logged in by (Initials): _____ Date: _____ Time: _____

1) Were custody seals on outside of the package/cooler? YES NO NA

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): 2017 1608 1507

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: _____

Page ____ of ____



12423 NE Whitaker Way
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503-254-1794

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Revision #: 0.00 Control : CFL-D06
Revision Date: 05/31/2019 Effective Date: 05/31/2019

Laboratory Quality Control Results

J AOAC 2015 V98-6 **Batch ID: 2106641**

Laboratory Control Sample							
Analyte	Result	Spike	Units	% Rec	Limits	Evaluation	Notes
CBDVA	0.0395	0.04	%	98.7	85.0 - 115	Acceptable	
CBDV	0.0384	0.04	%	96.0	85.0 - 115	Acceptable	
CBE	0.0409	0.04	%	102	85.0 - 115	Acceptable	
CBDA	0.0419	0.04	%	105	85.0 - 115	Acceptable	
CBGA	0.0389	0.04	%	97.3	85.0 - 115	Acceptable	
CBG	0.0385	0.04	%	96.3	85.0 - 115	Acceptable	
CBD	0.0440	0.04	%	110	85.0 - 115	Acceptable	
THCV	0.0392	0.04	%	97.9	85.0 - 115	Acceptable	
d8THCV	0.0396	0.04	%	99.1	85.0 - 115	Acceptable	
THCVA	0.0374	0.04	%	93.4	85.0 - 115	Acceptable	
CBN	0.0449	0.04	%	112	85.0 - 115	Acceptable	
exo-THC	0.0408	0.04	%	102	85.0 - 115	Acceptable	
d9THC	0.0448	0.04	%	112	85.0 - 115	Acceptable	
d8THC	0.0379	0.04	%	94.7	85.0 - 115	Acceptable	
CBL	0.0386	0.04	%	96.4	85.0 - 115	Acceptable	
CBC	0.0411	0.04	%	103	85.0 - 115	Acceptable	
THCA	0.0429	0.04	%	107	85.0 - 115	Acceptable	
CBCA	0.0365	0.04	%	91.3	85.0 - 115	Acceptable	
CBLA	0.0410	0.04	%	102	85.0 - 115	Acceptable	
CBT	0.0412	0.04	%	103	85.0 - 115	Acceptable	

Method Blank

Analyte	Result	LOQ	Units	Limits	Evaluation	Notes
CBDVA	<LOQ	0.03	%	< 0.03	Acceptable	
CBDV	<LOQ	0.03	%	< 0.03	Acceptable	
CBE	<LOQ	0.03	%	< 0.03	Acceptable	
CBDA	<LOQ	0.03	%	< 0.03	Acceptable	
CBGA	<LOQ	0.03	%	< 0.03	Acceptable	
CBG	<LOQ	0.03	%	< 0.03	Acceptable	
CBD	<LOQ	0.03	%	< 0.03	Acceptable	
THCV	<LOQ	0.03	%	< 0.03	Acceptable	
d8THCV	<LOQ	0.03	%	< 0.03	Acceptable	
THCVA	<LOQ	0.03	%	< 0.03	Acceptable	
CBN	<LOQ	0.03	%	< 0.03	Acceptable	
exo-THC	<LOQ	0.03	%	< 0.03	Acceptable	
d9THC	<LOQ	0.03	%	< 0.03	Acceptable	
d8THC	<LOQ	0.03	%	< 0.03	Acceptable	
CBL	<LOQ	0.03	%	< 0.03	Acceptable	
CBC	<LOQ	0.03	%	< 0.03	Acceptable	
THCA	<LOQ	0.03	%	< 0.03	Acceptable	
CBCA	<LOQ	0.03	%	< 0.03	Acceptable	
CBLA	<LOQ	0.03	%	< 0.03	Acceptable	
CBT	<LOQ	0.03	%	< 0.03	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



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Revision #: 0.00 Control : CFL-D06
 Revision Date: 05/31/2019 Effective Date: 05/31/2019

Laboratory Quality Control Results

J AOAC 2015 V98-6								
Batch ID: 2106641								
Sample Duplicate								
Sample ID: 21-008233-0001								
Analyte	Result	Org. Result	LOQ	Units	RPD	Limits	Evaluation	Notes
CBDVA	<LOQ	<LOQ	0.03	%	NA	< 20	Acceptable	
CBDV	<LOQ	<LOQ	0.03	%	NA	< 20	Acceptable	
CBE	<LOQ	<LOQ	0.03	%	NA	< 20	Acceptable	
CBDA	8.68	8.88	0.03	%	2.26	< 20	Acceptable	
CBGA	1.26	1.27	0.03	%	0.565	< 20	Acceptable	
CBG	0.0628	0.0619	0.03	%	1.51	< 20	Acceptable	
CBD	0.454	0.463	0.03	%	2.00	< 20	Acceptable	
THCV	<LOQ	<LOQ	0.03	%	NA	< 20	Acceptable	
d8THCV	<LOQ	<LOQ	0.03	%	NA	< 20	Acceptable	
THCVA	<LOQ	<LOQ	0.03	%	NA	< 20	Acceptable	
CBN	<LOQ	<LOQ	0.03	%	NA	< 20	Acceptable	
exo-THC	<LOQ	<LOQ	0.03	%	NA	< 20	Acceptable	
d9THC	0.0809	0.0814	0.03	%	0.592	< 20	Acceptable	
d8THC	<LOQ	<LOQ	0.03	%	NA	< 20	Acceptable	
CBL	<LOQ	<LOQ	0.03	%	NA	< 20	Acceptable	
CBC	0.0575	0.0537	0.03	%	6.81	< 20	Acceptable	
THCA	0.293	0.296	0.03	%	1.08	< 20	Acceptable	
CBCA	0.415	0.425	0.03	%	2.28	< 20	Acceptable	
CBLA	<LOQ	<LOQ	0.03	%	NA	< 20	Acceptable	
CBT	<LOQ	<LOQ	0.03	%	NA	< 20	Acceptable	

Abbreviations

- ND - None Detected at or above MRL
- RPD - Relative Percent Difference
- LOQ - Limit of Quantitation
- NA - Calculation Not Applicable given non-numerical results

Units of Measure:

% - Percent



12423 NE Whitaker Way
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 503-254-1794



Report Number: 21-008392/D015.R000
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Terpenes Quality Control Results

Method Reference: EPA 5035				Batch ID: 2106652					
Method Blank				Laboratory Control Sample					
Analyte	Result	LOQ	Notes	Result	LCS	Units	LCS % Rec	Limits	Notes
a-pinene	<LOQ	< 200		632	500	µg/g	126%	70 - 130	
Camphene	<LOQ	< 200		518	500	µg/g	104%	70 - 130	
Sabinene	<LOQ	< 200		504	500	µg/g	101%	70 - 130	
b-Pinene	<LOQ	< 200		487	500	µg/g	97%	70 - 130	
b-Myrcene	<LOQ	< 200		533	500	µg/g	107%	70 - 130	
a-phellandrene	<LOQ	< 200		527	500	µg/g	105%	70 - 130	
d-3-Carene	<LOQ	< 200		582	500	µg/g	116%	70 - 130	
a-Terpinene	<LOQ	< 200		527	500	µg/g	105%	70 - 130	
p-Cymene	<LOQ	< 200		534	500	µg/g	107%	70 - 130	
D-Limonene	<LOQ	< 200		470	500	µg/g	94%	70 - 130	
Eucalyptol	<LOQ	< 200		523	500	µg/g	105%	70 - 130	
b-cis-Ocimene	<LOQ	< 67		181	167	µg/g	109%	70 - 130	
b-trans-Ocimene	<LOQ	< 133		340	333	µg/g	102%	70 - 130	
g-Terpinene	<LOQ	< 200		484	500	µg/g	97%	70 - 130	
Sabinene_Hydrate	<LOQ	< 200		502	500	µg/g	100%	70 - 130	
Terpinolene	<LOQ	< 200		423	500	µg/g	85%	70 - 130	
D-Fenchone	<LOQ	< 200		470	500	µg/g	94%	70 - 130	
Linalool	<LOQ	< 200		532	500	µg/g	106%	70 - 130	
Fenchol	<LOQ	< 200		520	500	µg/g	104%	70 - 130	
Camphor	<LOQ	< 200		491	500	µg/g	98%	70 - 130	
Isopulego	<LOQ	< 200		477	500	µg/g	95%	70 - 130	
Isoborneol	<LOQ	< 200		484	500	µg/g	97%	70 - 130	
Borneol	<LOQ	< 200		514	500	µg/g	103%	70 - 130	
DL-Menthol	<LOQ	< 200		501	500	µg/g	100%	70 - 130	
Terpineol	<LOQ	< 200		470	500	µg/g	94%	70 - 130	
Nerol	<LOQ	< 200		483	500	µg/g	97%	70 - 130	
Pulegone	<LOQ	< 200		626	500	µg/g	125%	70 - 130	
Geraniol	<LOQ	< 200		428	500	µg/g	86%	70 - 130	
Geranyl_Acetate	<LOQ	< 200		502	500	µg/g	100%	70 - 130	
a-Cedrene	<LOQ	< 200		522	500	µg/g	104%	70 - 130	
b-Caryophyllene	<LOQ	< 200		395	500	µg/g	79%	70 - 130	
a-Humulene	<LOQ	< 200		489	500	µg/g	98%	70 - 130	
Valenene	<LOQ	< 200		428	500	µg/g	86%	70 - 130	
cis-Nerolidol	<LOQ	< 200		489	500	µg/g	98%	70 - 130	
a-Farnesene	<LOQ	< 200		579	500	µg/g	116%	70 - 130	
trans-Nerolidol	<LOQ	< 200		507	500	µg/g	101%	70 - 130	
Caryophyllene_Oxide	<LOQ	< 200		571	500	µg/g	114%	70 - 130	
Guaiol	<LOQ	< 200		547	500	µg/g	109%	70 - 130	
Cedrol	<LOQ	< 200		475	500	µg/g	95%	70 - 130	
a-Bisabolol	<LOQ	< 200		495	500	µg/g	99%	70 - 130	

Definitions

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



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Terpenes Quality Control Results

Method Reference: EPA 5035		Batch ID: 2106652					
Sample/Sample Duplicate		Sample ID: 21-008233-0001					
Analyte	Result	Org. Result	LOQ	Units	% RPD	LIMIT	Notes
a-pinene	<LOQ	<LOQ	190	µg/g	0%	< 20	
Camphene	<LOQ	<LOQ	190	µg/g	0%	< 20	
Sabinene	<LOQ	<LOQ	190	µg/g	0%	< 20	
b-Pinene	<LOQ	<LOQ	190	µg/g	0%	< 20	
b-Myrcene	<LOQ	<LOQ	190	µg/g	0%	< 20	
a-phellandrene	<LOQ	<LOQ	190	µg/g	0%	< 20	
d-3-Carene	<LOQ	<LOQ	190	µg/g	0%	< 20	
a-Terpinene	<LOQ	<LOQ	190	µg/g	0%	< 20	
p-Cymene	<LOQ	<LOQ	190	µg/g	0%	< 20	
D-Limonene	<LOQ	<LOQ	190	µg/g	0%	< 20	
Eucalyptol	214	230	190	µg/g	7%	< 20	
b-cis-Ocimene	<LOQ	<LOQ	63.5	µg/g	0%	< 20	
b-trans-Ocimene	<LOQ	<LOQ	127	µg/g	0%	< 20	
g-Terpinene	<LOQ	<LOQ	190	µg/g	0%	< 20	
Sabinene_Hydrate	<LOQ	<LOQ	190	µg/g	0%	< 20	
Terpinolene	<LOQ	<LOQ	190	µg/g	0%	< 20	
D-Fenchone	<LOQ	<LOQ	190	µg/g	0%	< 20	
Linalool	574	578	190	µg/g	1%	< 20	
Fenchol	<LOQ	<LOQ	190	µg/g	0%	< 20	
Camphor	<LOQ	<LOQ	190	µg/g	0%	< 20	
Isopulego	<LOQ	<LOQ	190	µg/g	0%	< 20	
Isoborneol	<LOQ	<LOQ	190	µg/g	0%	< 20	
Borneol	202	201	190	µg/g	0%	< 20	
DL-Menthol	<LOQ	<LOQ	190	µg/g	0%	< 20	
Terpineol	<LOQ	<LOQ	190	µg/g	0%	< 20	
Nerol	<LOQ	<LOQ	190	µg/g	0%	< 20	
Pulegone	<LOQ	<LOQ	190	µg/g	0%	< 20	
Geraniol	<LOQ	<LOQ	190	µg/g	0%	< 20	
Geranyl_Acetate	<LOQ	<LOQ	190	µg/g	0%	< 20	
a-Cedrene	<LOQ	<LOQ	190	µg/g	0%	< 20	
b-Caryophyllene	1040	1090	190	µg/g	5%	< 20	
a-Humulene	447	461	190	µg/g	3%	< 20	
Valenene	<LOQ	<LOQ	190	µg/g	0%	< 20	
cis-Nerolidol	<LOQ	<LOQ	190	µg/g	0%	< 20	
a-Farnesene	1300	1340	190	µg/g	3%	< 20	
trans-Nerolidol	<LOQ	<LOQ	190	µg/g	0%	< 20	
Caryophyllene_Oxide	<LOQ	<LOQ	190	µg/g	0%	< 20	
Guaiol	753	809	190	µg/g	7%	< 20	
Cedrol	<LOQ	<LOQ	190	µg/g	0%	< 20	
a-Bisabolol	779	792	190	µg/g	2%	< 20	

Definitions

RPD Relative Percent Difference



12423 NE Whitaker Way
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 503-254-1794

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Revision: 1.00 Control: CFL-C21
 Revised: 08/12/2019 Effective: 08/15/2019

Laboratory Pesticide Quality Control Results

AOAC 2007.1 & EN 15662		Units: mg/Kg						Batch ID: 2106671			
Matrix Spike/Matrix Spike Duplicate Recoveries		Sample ID: 21-008392-0016									
Analyte	Result	MS Res	MSD Res	Spike	RPD%	Limit	MS % Rec	MSD % Rec	Limits	Notes	
Acephate	0.000	0.898	0.942	1.000	4.8%	< 30	89.8%	94.2%	50 - 150		
Acequinocyl	0.000	3.052	3.230	4.000	5.7%	< 30	76.3%	80.7%	50 - 150		
Acetamidiprid	0.000	0.430	0.436	0.400	1.2%	< 30	107.6%	108.9%	50 - 150		
Aldicarb	0.000	0.751	0.723	0.800	3.7%	< 30	93.8%	90.4%	50 - 150		
Abamectin	0.000	0.571	0.720	1.000	23.1%	< 30	57.1%	72.0%	50 - 150		
Azoxystrobin	0.000	0.344	0.336	0.400	2.4%	< 30	85.9%	83.9%	50 - 150		
Bifenazate	0.000	0.388	0.394	0.400	1.5%	< 30	97.0%	98.4%	50 - 150		
Bifenthrin	0.000	0.330	0.324	0.400	1.8%	< 30	82.6%	81.1%	50 - 150		
Boscalid	0.000	0.673	0.710	0.800	5.3%	< 30	84.1%	88.8%	50 - 150		
Carbaryl	0.000	0.382	0.373	0.400	2.3%	< 30	95.4%	93.2%	50 - 150		
Carbofuran	0.000	0.339	0.339	0.400	0.1%	< 30	84.8%	84.8%	50 - 150		
Chlorantraniliprol	0.000	0.373	0.399	0.400	6.8%	< 30	93.2%	99.8%	50 - 150		
Chlorfenapyr	0.000	1.616	1.737	2.000	7.3%	< 30	80.8%	86.9%	50 - 150		
Chlorpyrifos	0.000	0.370	0.365	0.400	1.3%	< 30	92.6%	91.3%	50 - 150		
Clofentezine	0.000	0.297	0.292	0.400	1.9%	< 30	74.4%	72.9%	50 - 150		
Cyfluthrin	0.000	1.426	1.515	2.000	6.0%	< 30	71.3%	75.7%	30 - 150		
Cypermethrin	0.000	1.765	1.771	2.000	0.3%	< 30	88.2%	88.5%	50 - 150		
Daminozide	0.000	0.789	0.839	2.000	6.2%	< 30	39.4%	42.0%	30 - 150		
Diazinon	0.000	0.389	0.384	0.400	1.1%	< 30	97.2%	96.1%	50 - 150		
Dichlorvos	0.000	1.757	1.758	2.000	0.1%	< 30	87.8%	87.9%	50 - 150		
Dimethoat	0.000	0.430	0.416	0.400	3.3%	< 30	107.6%	104.1%	50 - 150		
Ethoprophos	0.000	0.412	0.397	0.400	3.8%	< 30	103.0%	99.1%	50 - 150		
Etofenprox	0.000	0.725	0.726	0.800	0.1%	< 30	90.6%	90.7%	50 - 150		
Etoxazol	0.000	0.395	0.401	0.400	1.5%	< 30	98.7%	100.2%	50 - 150		
Fenoxycarb	0.000	0.377	0.371	0.400	1.6%	< 30	94.4%	92.8%	50 - 150		
Fenpyroximat	0.000	0.695	0.700	0.800	0.6%	< 30	86.9%	87.4%	50 - 150		
Fipronil	0.000	0.713	0.717	0.800	0.6%	< 30	89.1%	89.7%	50 - 150		
Fonicamid	0.000	1.054	1.036	1.000	1.7%	< 30	105.4%	103.6%	50 - 150		
Fludioxonil	0.000	0.719	0.707	0.800	1.7%	< 30	89.9%	88.3%	50 - 150		
Hexythiazox	0.000	0.501	0.489	1.000	2.3%	< 30	50.1%	48.9%	50 - 150	Q	
Imazalil	0.000	0.389	0.396	0.400	1.9%	< 30	97.2%	99.0%	50 - 150		
Imidacloprid	0.000	0.906	0.907	0.800	0.1%	< 30	113.2%	113.3%	50 - 150		
Kresoxim-Methyl	0.000	0.763	0.720	0.800	5.8%	< 30	95.4%	90.0%	50 - 150		
Malathion	0.000	0.369	0.392	0.400	6.0%	< 30	92.3%	98.1%	50 - 150		
Metaxyl	0.000	0.364	0.357	0.400	2.0%	< 30	90.9%	89.2%	50 - 150		
Methiocarb	0.000	0.343	0.362	0.400	5.6%	< 30	85.7%	90.6%	50 - 150		
Methomyl	0.000	0.876	0.896	0.800	2.2%	< 30	109.5%	111.9%	50 - 150		
MGK 264	0.000	0.386	0.379	0.400	1.7%	< 30	96.4%	94.8%	50 - 150		
Myclobutanil	0.000	0.393	0.392	0.400	0.2%	< 30	98.3%	98.1%	50 - 150		
Naled	0.000	0.856	0.885	1.000	3.3%	< 30	85.6%	88.5%	50 - 150		
Oxamyl	0.000	1.884	1.705	2.000	10.0%	< 30	94.2%	85.2%	50 - 150		
Paclobutrazol	0.000	0.811	0.801	0.800	1.2%	< 30	101.4%	100.2%	50 - 150		
Parathion Methyl	0.000	0.813	0.826	0.800	1.5%	< 30	101.7%	103.2%	30 - 150		
Permethrin	0.000	0.322	0.351	0.400	8.5%	< 30	80.6%	87.7%	50 - 150		
Phosmet	0.000	0.385	0.388	0.400	0.8%	< 30	96.3%	97.1%	50 - 150		
Piperonyl butoxide	0.000	2.015	2.011	2.000	0.2%	< 30	100.8%	100.6%	50 - 150		
Prallethrin	0.000	0.280	0.277	0.400	1.2%	< 30	69.9%	69.1%	50 - 150		
Propiconazole	0.000	0.793	0.782	0.800	1.3%	< 30	99.1%	97.8%	50 - 150		
Propoxur	0.000	0.351	0.350	0.400	0.2%	< 30	87.7%	87.5%	50 - 150		
Pyrethrins	0.000	0.248	0.246	0.413	0.7%	< 30	60.1%	59.7%	50 - 150		
Pyridaben	0.000	0.455	0.459	0.400	0.9%	< 30	113.8%	114.9%	50 - 150		
Spinosad	0.000	0.371	0.370	0.388	0.1%	< 30	95.5%	95.4%	50 - 150		
Spiromesifen	0.000	0.372	0.365	0.400	1.9%	< 30	92.9%	91.2%	50 - 150		
Spirotetramat	0.000	0.402	0.394	0.400	2.0%	< 30	100.4%	98.4%	50 - 150		
Spiroxamine	0.000	0.729	0.740	0.800	1.5%	< 30	91.1%	92.5%	50 - 150		
Tebuconazol	0.000	0.750	0.754	0.800	0.5%	< 30	93.7%	94.3%	50 - 150		
Thiadoprid	0.000	0.390	0.389	0.400	0.4%	< 30	97.6%	97.2%	50 - 150		
Thiamethoxam	0.000	0.443	0.431	0.400	2.7%	< 30	110.6%	107.6%	50 - 150		
Trifloxystrobin	0.000	0.391	0.383	0.400	2.2%	< 30	97.9%	95.7%	50 - 150		



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 Received: 07/22/21 15:42



Revision: 1.00 Control: CFL-C21
 Revised: 08/12/2019 Effective: 08/15/2019

Laboratory Pesticide Quality Control Results

AOAC 2007.1 & EN 15662		Units: mg/Kg		Batch ID: 2106671				
Method Blank		Laboratory Control Sample						
Analyte	Blank Result	Blank Limits	Notes	LCS Result	LCS Spike	LCS % Rec	Limits	Notes
Acephate	0.000	< 0.250		0.903	1.000	90.3	67.8 - 126	
Acequinocyl	0.000	< 1.000		3.434	4.000	85.8	68.2 - 127	
Acetamiprid	0.000	< 0.100		0.415	0.400	103.7	71.4 - 133	
Aldicarb	0.000	< 0.200		0.812	0.800	101.5	70.4 - 131	
Abamectin	0.000	< 0.250		0.906	1.000	90.6	72.6 - 135	
Azoxystrobin	0.005	< 0.100		0.378	0.400	94.4	69.2 - 128	
Bifenazate	0.000	< 0.100		0.414	0.400	103.4	71.2 - 132	
Bifenthrin	0.000	< 0.100		0.380	0.400	95.1	69.5 - 129	
Boscalid	0.000	< 0.200		0.810	0.800	101.2	72.4 - 135	
Carbaryl	0.000	< 0.100		0.418	0.400	104.5	70.8 - 132	
Carbofuran	0.000	< 0.100		0.417	0.400	104.2	69.5 - 129	
Chlorantraniliprol	0.000	< 0.100		0.373	0.400	93.2	71.0 - 132	
Chlorfenapyr	0.000	< 0.500		1.899	2.000	95.0	71.5 - 133	
Chlorpyrifos	0.000	< 0.100		0.412	0.400	102.9	68.5 - 127	
Clofentezine	0.000	< 0.100		0.278	0.400	69.5	36.5 - 67.8	Q1
Cyfluthrin	0.000	< 0.500		2.155	2.000	107.7	73.3 - 136	
Cypermethrin	0.000	< 0.500		1.909	2.000	95.4	72.8 - 135	
Daminozide	0.015	< 0.500		0.734	2.000	36.7	25.8 - 47.9	
Diazinon	0.000	< 0.100		0.404	0.400	100.9	71.2 - 132	
Dichlorvos	0.000	< 0.500		2.085	2.000	104.3	78.4 - 146	
Dimethoat	0.000	< 0.100		0.419	0.400	104.8	69.8 - 130	
Ethoprophos	0.000	< 0.100		0.410	0.400	102.5	71.0 - 132	
Etofenprox	0.000	< 0.200		0.781	0.800	97.6	69.2 - 128	
Etoxazol	0.000	< 0.100		0.411	0.400	102.6	79.6 - 148	
Fenoxycarb	0.000	< 0.100		0.379	0.400	94.8	70.4 - 131	
Fenpyroximat	0.000	< 0.200		0.758	0.800	94.8	68.4 - 127	
Fipronil	0.000	< 0.200		0.817	0.800	102.1	69.5 - 129	
Flonicamid	0.000	< 0.250		1.173	1.000	117.3	71.9 - 134	
Fludoxonil	0.000	< 0.200		0.774	0.800	96.8	70.3 - 130	
Hexythiazox	0.000	< 0.250		0.967	1.000	96.7	67.1 - 125	
Imazalil	0.000	< 0.100		0.415	0.400	103.7	70.4 - 131	
Imidacloprid	0.000	< 0.200		0.871	0.800	108.9	71.3 - 132	
Kresoxim-Methyl	0.000	< 0.200		0.793	0.800	99.1	71.4 - 133	
Malathion	0.000	< 0.100		0.411	0.400	102.7	70.5 - 131	
Metaxalyl	0.000	< 0.100		0.395	0.400	98.7	70.3 - 131	
Methiocarb	0.000	< 0.100		0.396	0.400	99.0	72.1 - 134	
Methomyl	0.000	< 0.200		0.897	0.800	112.1	70.2 - 130	
MGK 264	0.000	< 0.100		0.411	0.400	102.7	70.5 - 131	
Myclobutanil	0.000	< 0.100		0.406	0.400	101.4	70.1 - 130	
Naled	0.000	< 0.250		0.650	1.000	65.0	31.6 - 58.6	Q1
Oxamyl	0.000	< 0.500		2.155	2.000	107.8	70.8 - 131	
Paclobutrazol	0.000	< 0.200		0.789	0.800	98.6	71.1 - 132	
Parathion Methyl	0.000	< 0.200		0.866	0.800	108.2	69.4 - 129	
Permethrin	0.000	< 0.100		0.432	0.400	107.9	69.4 - 129	
Phosmet	0.000	< 0.100		0.408	0.400	102.0	71.0 - 132	
Piperonyl butoxide	0.000	< 0.500		1.976	2.000	98.8	71.1 - 132	
Prallethrin	0.000	< 0.100		0.398	0.400	99.6	69.4 - 129	
Propiconazole	0.000	< 0.200		0.818	0.800	102.3	71.2 - 132	
Propoxur	0.011	< 0.100		0.411	0.400	102.8	69.5 - 129	
Pyrethrins	0.000	< 0.100		0.384	0.413	92.9	70.9 - 132	
Pyridaben	0.000	< 0.100		0.396	0.400	99.0	72.1 - 134	
Spinosad	0.000	< 0.100		0.367	0.388	94.5	72.5 - 135	
Spiromesifen	0.000	< 0.100		0.402	0.400	100.5	71.7 - 133	
Spirotetramat	0.000	< 0.100		0.390	0.400	97.6	69.8 - 130	
Spiroxamine	0.000	< 0.200		0.783	0.800	97.9	70.1 - 130	
Tebuconazol	0.000	< 0.200		0.805	0.800	100.7	71.1 - 132	
Thiadoprid	0.000	< 0.100		0.401	0.400	100.2	70.8 - 132	
Thiamethoxam	0.000	< 0.100		0.440	0.400	109.9	72.1 - 134	
Trifloxystrobin	0.000	< 0.100		0.422	0.400	105.6	69.9 - 130	



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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.