



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



**Report Number:** 22-006295/D001.R000  
**Report Date:** 06/07/2022  
**ORELAP#:** OR100028  
**Purchase Order:**  
**Received:** 06/01/22 10:07

**Customer:** Klersun  
**Product identity:** FS-KOFSD-22146  
**Client/Metric ID:** .  
**Laboratory ID:** 22-006295-0001

### Summary

#### Potency:

Analyte	Result (%)			
CBD	76.3		CBD-Total	77.5%
Δ9-THC	3.24		THC-Total	3.24%
CBC	2.82		(Reported in percent of total sample)	
CBT <sup>†</sup>	1.47			
CBD-A	1.32			
CBG <sup>†</sup>	0.842			
CBE <sup>†</sup>	0.474			
CBDV <sup>†</sup>	0.462			
CBN	0.248			

#### Pesticides:

All analytes passing and less than LOQ.



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**Received:** 06/01/22 10:07

**Customer:** Klersun  
 3448 NE Broadway St  
 Portland Oregon 97232  
 United States of America (USA)

**Product identity:** FS-KOFSD-22146

**Client/Metric ID:** .

**Sample Date:**

**Laboratory ID:** 22-006295-0001

**Evidence of Cooling:** No

**Temp:** 22.1 °C

**Relinquished by:** Fedex

### Sample Results

Potency	Method J AOAC 2015 V98-6 (mod)			Units %	Batch: 2204786	Analyze: 6/6/22 1:45:00 PM
Analyte	As Received	Dry weight	LOQ	Notes		
CBC	2.82		0.0712			
CBC-A <sup>†</sup>	< LOQ		0.0712			
CBC-Total <sup>†</sup>	2.82		0.134			
CBD	76.3		0.712			
CBD-A	1.32		0.0712			
CBD-Total	77.5		0.774			
CBDV <sup>†</sup>	0.462		0.0712			
CBDV-A <sup>†</sup>	< LOQ		0.0712			
CBDV-Total <sup>†</sup>	0.462		0.133			
CBE <sup>†</sup>	0.474		0.0712			
CBG <sup>†</sup>	0.842		0.0712			
CBG-A <sup>†</sup>	< LOQ		0.0712			
CBG-Total	0.842		0.133			
CBL <sup>†</sup>	< LOQ		0.0712			
CBL-A <sup>†</sup>	< LOQ		0.0712			
CBL-Total <sup>†</sup>	< LOQ		0.134			
CBN	0.248		0.0712			
CBT <sup>†</sup>	1.47		0.0712			
Δ8-THC	< LOQ		0.0712			
Δ8-THCV	< LOQ		0.0712			
Δ9-THC	3.24		0.0712			
exo-THC	< LOQ		0.0712			
THC-A	< LOQ		0.0712			
THC-Total	3.24		0.134			
THCV <sup>†</sup>	< LOQ		0.0712			
THCV-A <sup>†</sup>	< LOQ		0.0712			
THCV-Total <sup>†</sup>	< LOQ		0.133			
<b>Total Cannabinoids<sup>†</sup></b>	<b>87.2</b>					



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Pesticides											
Method AOAC 2007.01 & EN 15662 (mod) Units mg/kg Batch 2204800 Analyze 06/07/22 08:33 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		Etoazole	< 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		Paclotrazole	< 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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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**

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

% = Percentage of sample

% wt = µg/g divided by 10,000

Approved Signatory

Derrick Tanner  
General Manager



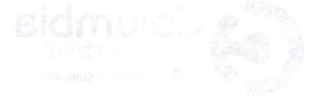
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**Hemp / Cannabis Usable / Extract**  
**Chain of Custody Record**  
Revision: 3.01 Control#: CF023 Rev 02/26/2020 Eff: 02/27/2020  
ORELAP ID: **OR100028**



Company: Klersun LLC Contact: Riley Ohmer Street: 18224 SW 100th Ct City: Tualatin State: OR Zip: 97062 <input checked="" type="checkbox"/> Email Results: jason@klersun.com   riley@klersun.co Ph: (971) 7194586 <input type="checkbox"/> 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 type="checkbox"/> Standard <input checked="" type="checkbox"/> Rush * <input type="checkbox"/> Priority Rush * <i>*Check for availability</i>			
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
	FS-KOFSD-22146	5/31/22	12:30	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>										C	15g	
Relinquished By:			Date	Time	Received By:			Date	Time	Lab Use Only:							
Riley Ohmer			12:30	5/31	AC			6-1	10:07	<input checked="" type="checkbox"/> Shipped Via: <u>Fedex</u> or <input type="checkbox"/> Client drop Evidence of cooling: <input type="checkbox"/> Yes   <input checked="" type="checkbox"/> No - Temp (°C): <u>22.1</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 COC. By signing "Relinquished by" you are agreeing to these terms  
12423 NE Whitaker Way P: (503) 254-1794 | Fax: (503) 254-1452 Page \_\_\_\_\_ of \_\_\_\_\_  
Portland, OR 97230 info@columbiaboratories.com www.columbiaboratories.com



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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

**PRICING AND CHARGES**

Prices to be charged for work performed for CUSTOMER are those currently published in the Columbia Laboratories (herein referred to as "the LAB". Standard pricing applies unless otherwise agreed in writing by the CUSTOMER and the LAB. CUSTOMER must notify the LAB of price quotation at the time of the transfer of sample(s) to the LAB. Any cancellation of testing requirements will result in charges being assessed on all testing completed prior to the notice of cancellation. Unless otherwise agreed upon, samples containing hazardous material will be shipped back to client at their expense, or disposed of at a certain fee, waste category dependent. New accounts are accepted with full payment in advance by cash, check, Visa or Mastercard. A credit line may be established with an approved credit application.

**DELIVERY AND LIABILITY LIMITATIONS**

The specific format of the goods will be defined by CUSTOMER to the LAB upon delivery of the sample(s) to the LAB. The LAB will analyze samples provided by CUSTOMER as requested by CUSTOMER in accordance with the procedures documented in the Quality Assurance Plan (QAP). Samples are retained for 30 days after receipt. If additional time is desired, then a written request is required, and an additional monthly fee will apply.

**CONFIDENTIALITY**

The LAB will treat all information regarding work performed for CUSTOMER as proprietary and confidential. No CUSTOMER information will be released to third persons without the written request of the CUSTOMER.

**LIMITATION OF LIABILITY AND WARRANTY**

The LAB gives no warranty, express or implied, or of fitness for a particular purpose, in connection with its analytical testing or reporting. Any liability of the LAB to CUSTOMER or any third party shall be limited to the cost of analysis charged to CUSTOMER.

**PAST DUE ACCOUNTS**

Credit line account are payable within 30 days. Accounts that are 60 days past due will incur 1 1/2% per month on all past due sums until paid in full and will automatically default to cash on delivery (COD). Reports will not be released unless payment on past and current invoices are received. Customer agrees to pay the interest as a service charge and all the LAB's collection costs, including reasonable attorney fees.

**EXPERT TESTIMONY AND COURT APPEARANCES**

In the event CUSTOMER requires the further written opinion or testimony of any employee of the LAB, including response to a subpoena issued by CUSTOMER or any third person, CUSTOMER agrees to pay such additional fees and expenses as may be reasonably assessed by the LAB.

**ALTERNATIVE DISPUTE RESOLUTION (ADR)**

Any disputes arising out of this Agreement or the analytical testing or reporting by the LAB shall be settled through mediation and/or arbitration rather than litigation, and the cost of the ADR shall be borne equally by both parties.

**APPLICABLE LAW**

Legal matters arising from work performed by the LAB for CUSTOMER will be construed and interpreted in accordance with the laws for the state of Oregon. When sending, transferring, or submitting samples, the CUSTOMER assumes full responsibility for complying with all applicable state and federal laws

*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*  
 12423 NE Whitaker Way P: (503) 254-1794 | Fax: (503) 254-1452 Page \_\_\_\_\_ of \_\_\_\_\_  
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Document ID: 3177 Revision: 3  
Effective: 04/26/2022  
Page 1 of 1

**PACKAGE RECEIVING FORM**

Delivery Date: 6-1  Same as Opened By Date  Unsure  
How was the package delivered?  
UPS  FEDEX  USPS  DHL  OTHER: \_\_\_\_\_  
Tracking Number: 7770 0171 1805

CIRCLE ONE

1) Was package sealed with no evidence of holes/tampering? Further custody seal/tampering notes: _____	<input checked="" type="radio"/> YES	<input type="radio"/> NO
2) Was packing material used? If YES: <input type="checkbox"/> PEANUTS <input type="checkbox"/> BUBBLE <input type="checkbox"/> WRAP <input type="checkbox"/> FOAM PAPER	YES	<input checked="" type="radio"/> NO
3) Was a Complete Chain of Custody (COC) received? Comment (PT?, Email?): _____	<input checked="" type="radio"/> YES	<input type="radio"/> NO
4) Sample temperature upon arrival?	<u>22.1</u>	°C
5) Evidence of cooling? If YES, What kind? <input type="checkbox"/> ICE <input type="checkbox"/> FREEZER PACK <input type="checkbox"/> DRY ICE Insulation? <input type="checkbox"/> PLASTIC COOLER <input type="checkbox"/> STYROFOAM <input type="checkbox"/> OTHER:	YES	<input checked="" type="radio"/> NO
6) Were sample containers sealed in separate plastic bags/secondary containment?	YES	<input checked="" type="radio"/> NO
7) Did sample containers arrive in good condition? If NO: <input type="checkbox"/> LEAKED <input type="checkbox"/> BROKEN <input type="checkbox"/> OTHER: If NO: Suspect contamination of other samples? <input type="checkbox"/> YES <input type="checkbox"/> NO	<input checked="" type="radio"/> YES	<input type="radio"/> NO
8) Sample labels present?	<input checked="" type="radio"/> YES	<input type="radio"/> NO
9) Do sample labels agree with COC? If NO, number of sample containers received: _____	<input checked="" type="radio"/> YES	<input type="radio"/> NO

Sample pre-log location:  
R39 R44 F44 R99  CANNA SHELF  FOOD SHELF Other: \_\_\_\_\_

Other Notes:

Received By (initials): AC Date: 6-1 Time: 10:07



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

**Laboratory Quality Control Results**

**J AOAC 2015 V98-6** **Batch ID: 2204786**

**Laboratory Control Sample**

Analyte	LCS	Result	Spike	Units	% Rec	Limits	Evaluation	Notes
CBDVA	1	0.101	0.100	%	101	80.0 - 120	Acceptable	
CBDV	1	0.107	0.100	%	107	80.0 - 120	Acceptable	
CBE	1	0.0956	0.100	%	95.6	80.0 - 120	Acceptable	
CBDA	1	0.100	0.100	%	100	90.0 - 110	Acceptable	
CBGA	1	0.0931	0.100	%	93.1	80.0 - 120	Acceptable	
CBG	1	0.0942	0.100	%	94.2	80.0 - 120	Acceptable	
CBD	1	0.0994	0.100	%	99.4	90.0 - 110	Acceptable	
THCV	1	0.0955	0.100	%	95.5	80.0 - 120	Acceptable	
d8THCV	1	0.0995	0.100	%	99.5	80.0 - 120	Acceptable	
THCVA	1	0.0919	0.100	%	91.9	80.0 - 120	Acceptable	
CBN	1	0.104	0.100	%	104	90.0 - 110	Acceptable	
exo-THC	1	0.0929	0.100	%	92.9	80.0 - 120	Acceptable	
d9THC	1	0.0946	0.100	%	94.6	90.0 - 110	Acceptable	
d8THC	1	0.0960	0.100	%	96.0	80.0 - 120	Acceptable	
CBL	1	0.0915	0.100	%	91.5	80.0 - 120	Acceptable	
CBC	1	0.101	0.100	%	101	80.0 - 120	Acceptable	
THCA	1	0.0971	0.100	%	97.1	90.0 - 110	Acceptable	
CBCA	1	0.103	0.100	%	103	80.0 - 120	Acceptable	
CBLA	1	0.102	0.100	%	102	80.0 - 120	Acceptable	
CBT	1	0.112	0.100	%	112	80.0 - 120	Acceptable	

**Method Blank**

Analyte	Result	LOQ	Units	Limits	Evaluation	Notes
CBDVA	<LOQ	0.077	%	< 0.077	Acceptable	
CBDV	<LOQ	0.077	%	< 0.077	Acceptable	
CBE	<LOQ	0.077	%	< 0.077	Acceptable	
CBDA	<LOQ	0.077	%	< 0.077	Acceptable	
CBGA	<LOQ	0.077	%	< 0.077	Acceptable	
CBG	<LOQ	0.077	%	< 0.077	Acceptable	
CBD	<LOQ	0.077	%	< 0.077	Acceptable	
THCV	<LOQ	0.077	%	< 0.077	Acceptable	
d8THCV	<LOQ	0.077	%	< 0.077	Acceptable	
THCVA	<LOQ	0.077	%	< 0.077	Acceptable	
CBN	<LOQ	0.077	%	< 0.077	Acceptable	
exo-THC	<LOQ	0.077	%	< 0.077	Acceptable	
d9THC	<LOQ	0.077	%	< 0.077	Acceptable	
d8THC	<LOQ	0.077	%	< 0.077	Acceptable	
CBL	<LOQ	0.077	%	< 0.077	Acceptable	
CBC	<LOQ	0.077	%	< 0.077	Acceptable	
THCA	<LOQ	0.077	%	< 0.077	Acceptable	
CBCA	<LOQ	0.077	%	< 0.077	Acceptable	
CBLA	<LOQ	0.077	%	< 0.077	Acceptable	
CBT	<LOQ	0.077	%	< 0.077	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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Legacy ID: Worksheet Validated 04/20/2021

**Laboratory Quality Control Results**

J AOAC 2015 V98-6		Batch ID: 2204786						
Sample Duplicate		Sample ID: 22-006223-0021						
Analyte	Result	Org. Result	LOQ	Units	RPD	Limits	Evaluation	Notes
CBDVA	<LOQ	<LOQ	0.077	%	NA	< 20	Acceptable	
CBDV	<LOQ	<LOQ	0.077	%	NA	< 20	Acceptable	
CBE	<LOQ	<LOQ	0.077	%	NA	< 20	Acceptable	
CBDA	<LOQ	<LOQ	0.077	%	NA	< 20	Acceptable	
CBGA	<LOQ	<LOQ	0.077	%	NA	< 20	Acceptable	
CBG	<LOQ	<LOQ	0.077	%	NA	< 20	Acceptable	
CBD	<LOQ	<LOQ	0.077	%	NA	< 20	Acceptable	
THCV	<LOQ	<LOQ	0.077	%	NA	< 20	Acceptable	
d8THCV	<LOQ	<LOQ	0.077	%	NA	< 20	Acceptable	
THCVA	<LOQ	<LOQ	0.077	%	NA	< 20	Acceptable	
CBN	<LOQ	<LOQ	0.077	%	NA	< 20	Acceptable	
exo-THC	<LOQ	<LOQ	0.077	%	NA	< 20	Acceptable	
d9THC	<LOQ	<LOQ	0.077	%	NA	< 20	Acceptable	
d8THC	0.427	0.402	0.077	%	6.09	< 20	Acceptable	
CBL	<LOQ	<LOQ	0.077	%	NA	< 20	Acceptable	
CBC	<LOQ	<LOQ	0.077	%	NA	< 20	Acceptable	
THCA	<LOQ	<LOQ	0.077	%	NA	< 20	Acceptable	
CBCA	<LOQ	<LOQ	0.077	%	NA	< 20	Acceptable	
CBLA	<LOQ	<LOQ	0.077	%	NA	< 20	Acceptable	
CBT	<LOQ	<LOQ	0.077	%	NA	< 20	Acceptable	

**Abbreviations**

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

**Units of Measure:**



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Revision: 3 Document ID: 3120  
 Legacy ID: CFL-C21 Worksheet Validated 10/30/2020

Laboratory Pesticide Quality Control Results

AOAC2007.1 &EN 15662		Units: mg/Kg			Batch ID 2204800			
Method Blank	Laboratory Control Sample							
Analyte	Blank Result	Blank Limits	Notes	LCS Result	LCS Spke	LCS% Re	Limits	Notes
Abamectin	0.000	< 0.250		0.975	1.000	97.5	50.0	150
Acephate	0.000	< 0.250		0.967	1.000	96.7	60.0	120
Acetaminocyl	0.000	< 1.000		3.891	4.000	97.3	40.0	160
Acetamiprid	0.000	< 0.100		0.384	0.400	96.1	60.0	120
Aldicarb	0.000	< 0.200		0.759	0.800	94.8	60.0	120
Azoxystrobin	0.000	< 0.100		0.409	0.400	102.3	60.0	120
Bifenazate	0.000	< 0.100		0.349	0.400	87.3	60.0	120
Bifenthrin	0.014	< 0.100		0.368	0.400	92.0	50.0	150
Boscalid	0.000	< 0.200		0.790	0.800	98.8	60.0	120
Carbaryl	0.000	< 0.100		0.381	0.400	95.2	60.0	120
Carbofuran	0.000	< 0.100		0.390	0.400	97.4	60.0	120
Chlorantraniliprole	0.000	< 0.100		0.386	0.400	96.6	60.0	120
Chlorfenapyr	0.000	< 0.500		1.876	2.000	93.8	60.0	120
Chlorpyrifos	0.000	< 0.100		0.357	0.400	89.1	60.0	120
Clofentazine	0.000	< 0.100		0.380	0.400	95.0	60.0	120
Cyfluthrin	0.000	< 0.500		1.846	2.000	92.3	50.0	150
Cypermethrin	0.000	< 0.500		1.806	2.000	90.3	50.0	150
Daminozide	0.000	< 0.500		1.912	2.000	95.6	60.0	120
Diazinon	0.000	< 0.100		0.368	0.400	91.9	60.0	120
Dichlorvos	0.000	< 0.500		2.108	2.000	105.4	60.0	120
Dimethoate	0.000	< 0.100		0.382	0.400	95.5	60.0	120
Ethoprophos	0.000	< 0.100		0.401	0.400	100.1	60.0	120
Etofenprox	0.000	< 0.200		0.798	0.800	99.8	50.0	150
Etoxazole	0.000	< 0.100		0.405	0.400	101.2	60.0	120
Fenoxycarb	0.000	< 0.100		0.396	0.400	99.1	60.0	120
Fenpyroximate	0.000	< 0.200		0.747	0.800	93.4	60.0	120
Fipronil	0.000	< 0.200		0.792	0.800	99.0	60.0	120
Fonicamid	0.000	< 0.250		0.841	1.000	84.1	60.0	120
Fludioxonil	0.000	< 0.200		0.766	0.800	95.7	50.0	150
Hexythiazox	0.000	< 0.250		0.971	1.000	97.1	60.0	120
Imazalil	0.000	< 0.100		0.397	0.400	99.1	60.0	120
Imidacloprid	0.000	< 0.200		0.714	0.800	89.2	60.0	120
Kresoxim-methyl	0.000	< 0.200		0.778	0.800	97.2	60.0	120
Malathion	0.000	< 0.100		0.386	0.400	96.4	60.0	120
Metaxalyl	0.000	< 0.100		0.396	0.400	98.9	60.0	120
Methiocarb	0.000	< 0.100		0.384	0.400	96.0	60.0	120
Methomyl	0.000	< 0.200		0.739	0.800	92.3	60.0	120
MGK-264	0.000	< 0.100		0.369	0.400	92.3	50.0	150
Myclobutanil	0.000	< 0.100		0.375	0.400	93.7	60.0	120
Naled	0.000	< 0.250		0.969	1.000	96.9	50.0	150
Oxamyl	0.000	< 0.500		1.799	2.000	90.0	60.0	120
Pacllobutrazole	0.000	< 0.200		0.798	0.800	99.8	60.0	120
Parathion-Methyl	0.000	< 0.200		0.728	0.800	91.0	50.0	150
Permethrin	0.017	< 0.100		0.340	0.400	85.0	50.0	150
Phosmet	0.000	< 0.100		0.361	0.400	90.2	50.0	150
Piperonyl butoxide	0.000	< 0.500		2.243	2.000	112.1	60.0	120
Prallethrin	0.000	< 0.100		0.372	0.400	93.1	60.0	120
Propiconazole	0.000	< 0.200		0.709	0.800	88.6	60.0	120
Propoxur	0.000	< 0.100		0.401	0.400	100.3	60.0	120
Pyrethrin (Summe)	0.001	< 0.100		0.403	0.413	97.7	60.0	120
Pyridaben	0.000	< 0.100		0.385	0.400	96.2	50.0	150
Spirosad	0.000	< 0.100		0.402	0.388	103.6	50.0	150
Spiromesifen	0.000	< 0.100		0.387	0.400	96.8	60.0	120
Spirotetramat	0.000	< 0.100		0.372	0.400	93.1	60.0	120
Spiroxamine	0.000	< 0.200		0.811	0.800	101.3	60.0	120
Tebuconazole	0.000	< 0.200		0.762	0.800	95.2	60.0	120
Thiacloprid	0.000	< 0.100		0.383	0.400	95.6	60.0	120
Thiamethoxam	0.000	< 0.100		0.366	0.400	91.6	60.0	120
Trifloxystrobin	0.000	< 0.100		0.403	0.400	100.7	60.0	120



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Laboratory Pesticide Quality Control Results

AOAC2007.1 & EN 15662		Units: mg/Kg					Batch ID 2204800			
Matrix Spke/Matrix Spke Duplicate Recoveries	Result	MS Res	MSD Res	Spike	RFD%	Limit	MS% Re	MSD % Re	Limits	Notes
Abamectin	0.000	0.560	0.541	1.000	3.4%	< 30	56.0%	54.1%	50 - 150	
Acephate	0.000	1.024	0.898	1.000	13.0%	< 30	102.4%	89.8%	50 - 150	
Acetaminocyl	0.000	4.410	3.978	4.000	10.3%	< 30	110.2%	99.5%	50 - 150	
Acetamiprid	0.000	0.436	0.371	0.400	16.1%	< 30	108.9%	92.7%	50 - 150	
Aldicarb	0.000	0.865	0.747	0.800	14.7%	< 30	108.2%	93.4%	50 - 150	
Azoxystrobin	0.000	0.456	0.406	0.400	11.6%	< 30	114.0%	101.5%	50 - 150	
Bifenazate	0.000	0.493	0.435	0.400	12.4%	< 30	123.2%	108.8%	50 - 150	
Bifenthrin	0.017	0.403	0.374	0.400	7.7%	< 30	96.3%	89.2%	50 - 150	
Boscalid	0.000	0.864	0.748	0.800	14.4%	< 30	108.0%	93.5%	50 - 150	
Carbaryl	0.000	0.431	0.361	0.400	17.7%	< 30	107.6%	90.2%	50 - 150	
Carbofuran	0.000	0.436	0.376	0.400	14.8%	< 30	109.0%	93.9%	50 - 150	
Chlorantraniliprole	0.000	0.359	0.300	0.400	17.7%	< 30	89.7%	75.1%	50 - 150	
Chlorfenapyr	0.000	1.643	1.540	2.000	6.5%	< 30	82.2%	77.0%	50 - 150	
Chlorpyrifos	0.000	0.402	0.329	0.400	20.0%	< 30	100.5%	82.3%	50 - 150	
Clofentezine	0.000	0.405	0.359	0.400	12.0%	< 30	101.1%	89.7%	50 - 150	
Cyfluthrin	0.000	1.789	1.793	2.000	0.2%	< 30	89.4%	89.6%	30 - 150	
Cypermethrin	0.000	1.822	1.763	2.000	3.3%	< 30	91.1%	88.2%	50 - 150	
Daminozide	0.000	4.162	4.310	2.000	3.5%	< 30	208.1%	215.5%	30 - 150	Q
Diazinon	0.000	0.419	0.353	0.400	17.0%	< 30	104.7%	88.3%	50 - 150	
Dichlorvos	0.000	2.390	1.989	2.000	18.3%	< 30	119.5%	99.5%	50 - 150	
Dimethoate	0.000	0.437	0.356	0.400	20.3%	< 30	109.1%	89.1%	50 - 150	
Ethoprophos	0.000	0.403	0.357	0.400	12.0%	< 30	100.7%	89.3%	50 - 150	
Etofenprox	0.000	0.902	0.805	0.800	11.3%	< 30	112.7%	100.6%	50 - 150	
Etoxazole	0.000	0.439	0.383	0.400	13.6%	< 30	109.7%	95.7%	50 - 150	
Fenoxycarb	0.000	0.442	0.369	0.400	17.8%	< 30	110.4%	92.3%	50 - 150	
Fenpyroximate	0.000	0.614	0.552	0.800	10.7%	< 30	76.8%	69.0%	50 - 150	
Fipronil	0.000	0.885	0.752	0.800	16.2%	< 30	110.6%	94.0%	50 - 150	
Fonicamid	0.000	1.039	0.950	1.000	8.9%	< 30	103.9%	95.0%	50 - 150	
Fludioxonil	0.000	0.885	0.784	0.800	12.1%	< 30	110.7%	98.0%	50 - 150	
Hexythiazox	0.000	0.877	1.000	1.000	13.1%	< 30	87.7%	100.0%	50 - 150	
Imazalil	0.000	0.443	0.401	0.400	10.0%	< 30	110.7%	100.2%	50 - 150	
Imidacloprid	0.000	0.841	0.727	0.800	14.5%	< 30	105.1%	90.9%	50 - 150	
Kresoxim-methyl	0.000	0.856	0.724	0.800	16.8%	< 30	107.0%	90.5%	50 - 150	
Malathion	0.000	0.424	0.381	0.400	10.6%	< 30	105.9%	95.3%	50 - 150	
Metaxalyl	0.000	0.438	0.348	0.400	22.8%	< 30	109.4%	87.0%	50 - 150	
Methiocarb	0.000	0.407	0.358	0.400	12.7%	< 30	101.7%	89.6%	50 - 150	
Methomyl	0.000	0.873	0.772	0.800	12.3%	< 30	109.2%	96.5%	50 - 150	
MGK-264	0.000	0.350	0.313	0.400	11.0%	< 30	87.5%	78.3%	50 - 150	
Myclobutanil	0.000	0.413	0.337	0.400	20.3%	< 30	103.2%	84.2%	50 - 150	
Naled	0.000	1.171	0.899	1.000	26.3%	< 30	117.1%	89.9%	50 - 150	
Oxamyl	0.000	2.208	1.888	2.000	15.6%	< 30	110.4%	94.4%	50 - 150	
Pacllobutrazole	0.000	0.957	0.802	0.800	17.7%	< 30	119.7%	100.2%	50 - 150	
Parathion-Methyl	0.006	0.952	0.574	0.800	49.8%	< 30	118.1%	71.0%	30 - 150	R
Permethrin	0.016	0.254	0.270	0.400	6.4%	< 30	59.4%	63.3%	50 - 150	
Phosmet	0.000	0.428	0.369	0.400	14.8%	< 30	107.0%	92.2%	50 - 150	
Piperonyl butoxide	0.000	2.350	2.151	2.000	8.9%	< 30	117.5%	107.5%	50 - 150	
Prallethrin	0.000	0.407	0.386	0.400	5.3%	< 30	101.8%	96.6%	50 - 150	
Propiconazole	0.000	0.817	0.712	0.800	13.7%	< 30	102.1%	89.0%	50 - 150	
Propoxur	0.000	0.440	0.383	0.400	13.8%	< 30	110.1%	95.9%	50 - 150	
Pyrethrin (Summe)	0.051	0.415	0.375	0.413	11.7%	< 30	88.3%	78.5%	50 - 150	
Pyridaben	0.000	0.455	0.408	0.400	10.8%	< 30	113.7%	102.0%	50 - 150	
Spinosad	0.000	0.487	0.411	0.388	17.0%	< 30	125.5%	105.8%	50 - 150	
Spiromesifen	0.000	0.376	0.351	0.400	6.8%	< 30	94.0%	87.8%	50 - 150	
Spirotetramat	0.000	0.425	0.365	0.400	15.3%	< 30	106.4%	91.2%	50 - 150	
Spiroxamine	0.000	0.923	0.762	0.800	19.1%	< 30	115.4%	95.3%	50 - 150	
Tebuconazole	0.000	0.901	0.739	0.800	19.7%	< 30	112.6%	92.4%	50 - 150	
Thiacloprid	0.000	0.440	0.373	0.400	16.5%	< 30	110.0%	93.2%	50 - 150	
Thiamethoxam	0.000	0.417	0.379	0.400	9.5%	< 30	104.2%	94.8%	50 - 150	
Trifloxystrobin	0.000	0.485	0.402	0.400	18.7%	< 30	121.3%	100.6%	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.