Columbia LABORATORIES
A Tentamus Company

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

Report Number: 25-010841/D002.R000
Report Date: 09/19/2025
ORELAP#: OR100028
Purchase Order: 1038
Received: 09/12/25 09:46

Customer:

Product identity: Pineapple Tangerine
Metrc ID: .
Material: Cannabinoid Edible
Laboratory ID: 25-010841-0004
Evidence of Cooling: No
Temp: 21.3 °C
Lot #: PNTAN_NC090325

Sample Results

Microbiology

Analyte	Result	Limits	Units	LOQ	Batch	Analyzed	Method	Status	Notes
Salmonella spp. ⊥	Negative		/5g		2506611	09/15/25	AOAC 2020.02 þ		
EHEC including STEC ⊥	Negative		/5g		2506612	09/15/25	AOAC 2020.06 þ		

Solvents

Method: Residual Solvents by HS-GC-MS þ **Units** µg/g **Batch** 2506685 **Analyze:** 09/16/25

Analyte	Result	Limits	LOQ	Status	Notes	Analyte	Result	Limits	LOQ	Status	Notes
1,4-Dioxane ⊥	< LOQ		100			2-Butanol ⊥	< LOQ		200		
2-Ethoxyethanol ⊥	< LOQ		30.0			2-Methylbutane (Isopentane) ⊥	< LOQ		200		
2-Methylpentane ⊥	< LOQ		30.0			2-Propanol (IPA) ⊥	< LOQ		200		
2,2-Dimethylbutane ⊥	< LOQ		30.0			2,2-Dimethylpropane (neo-pentane) ⊥	< LOQ		200		
2,3-Dimethylbutane ⊥	< LOQ		30.0			3-Methylpentane ⊥	< LOQ		30.0		
Acetone ⊥	< LOQ		200			Acetonitrile ⊥	< LOQ		100		
Benzene ⊥	< LOQ		1.00			Butanes (sum) ⊥	< LOQ		400		
Cyclohexane ⊥	< LOQ		200			Ethyl acetate ⊥	< LOQ		200		
Ethyl benzene	< LOQ		200			Ethyl ether ⊥	< LOQ		200		
Ethylene glycol ⊥	< LOQ		200			Ethylene oxide ⊥	< LOQ		20.0		
Hexanes (sum) ⊥	< LOQ		150			Isopropyl acetate ⊥	< LOQ		200		
Isopropylbenzene (Cumene) ⊥	< LOQ		30.0			m,p-Xylene ⊥	< LOQ		200		
Methanol ⊥	< LOQ		200			Methylene chloride ⊥	< LOQ		60.0		
Methylpropane (Isobutane) ⊥	< LOQ		200			n-Butane ⊥	< LOQ		200		
n-Heptane ⊥	< LOQ		200			n-Hexane ⊥	< LOQ		30.0		
n-Pentane ⊥	< LOQ		200			o-Xylene ⊥	< LOQ		200		
Pentanes (sum) ⊥	< LOQ		600			Propane ⊥	< LOQ		200		
Tetrahydrofuran ⊥	< LOQ		100			Toluene ⊥	< LOQ		100		
Total Xylenes ⊥	< LOQ		400			Total Xylenes and Ethyl benzene	< LOQ		600		

Pesticides

Method: AOAC 2007.01 & EN 15662 (mod) **Units** mg/kg **Batch** 2506771 **Analyze:** 09/18/25

Analyte	Result	Limits	LOQ	Status	Notes	Analyte	Result	Limits	LOQ	Status	Notes
Abamectin ⊥	< LOQ		0.250			Acephate ⊥	< LOQ		0.200		
Acequinocyl ⊥	< LOQ		1.00			Acetamiprid ⊥	< LOQ		0.100		

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Pesticides

Method: AOAC 2007.01 & EN 15662 (mod) **Units** mg/kg **Batch** 2506771 **Analyze:** 09/18/25

Analyte	Result	Limits	LOQ	Status	Notes	Analyte	Result	Limits	LOQ	Status	Notes
Aldicarb ⊥	< LOQ		0.200			Azoxystrobin ⊥	< LOQ		0.100		
Bifenazate ⊥	< LOQ		0.100			Bifenthrin ⊥	< LOQ		0.100		
Boscalid ⊥	< LOQ		0.200			Carbaryl ⊥	< LOQ		0.100		
Carbofuran ⊥	< LOQ		0.100			Chlorantraniliprole ⊥	< LOQ		0.100		
Chlorfenapyr ⊥	< LOQ		0.500			Chlorpyrifos-ethyl ⊥	< LOQ		0.100		
Clofentezine ⊥	< LOQ		0.100			Cyfluthrin (sum) ⊥	< LOQ		0.500		
Cypermethrin (sum) ⊥	< LOQ		0.500			Daminozide ⊥	< LOQ		0.500		
Diazinon ⊥	< LOQ		0.100			Dichlorvos ⊥	< LOQ		0.500		
Dimethoate ⊥	< LOQ		0.100			Ethoprophos ⊥	< LOQ		0.100		
Etofenprox ⊥	< LOQ		0.200			Etoxazole ⊥	< LOQ		0.100		
Fenoxycarb ⊥	< LOQ		0.100			Fenpyroximate ⊥	< LOQ		0.200		
Fipronil ⊥	< LOQ		0.200			Flonicamid ⊥	< LOQ		0.400		
Fludioxonil ⊥	< LOQ		0.200			Hexythiazox ⊥	< LOQ		0.400		
Imazalil ⊥	< LOQ		0.100			Imidacloprid ⊥	< LOQ		0.200		
Kresoxim-methyl ⊥	< LOQ		0.200			Malathion ⊥	< LOQ		0.100		
Metalaxyl ⊥	< LOQ		0.100			Methiocarb ⊥	< LOQ		0.100		
Methomyl ⊥	< LOQ		0.200			MGK-264 ⊥	< LOQ		0.100		
Myclobutanil ⊥	< LOQ		0.100			Naled ⊥	< LOQ		0.250		
Oxamyl ⊥	< LOQ		0.500			Paclobutrazole ⊥	< LOQ		0.200		
Parathion-methyl ⊥	< LOQ		0.100			Permethrin ⊥	< LOQ		0.100		
Phosmet ⊥	< LOQ		0.100			Piperonyl butoxide ⊥	< LOQ		1.00		
Prallethrin ⊥	< LOQ		0.100			Propiconazole ⊥	< LOQ		0.200		
Propoxur ⊥	< LOQ		0.100			Pyrethrin I (total) ⊥	< LOQ		0.500		
Pyridaben ⊥	< LOQ		0.100			Spinosad ⊥	< LOQ		0.100		
Spiromesifen ⊥	< LOQ		0.100			Spirotetramat ⊥	< LOQ		0.100		
Spiroxamine ⊥	< LOQ		0.200			Tebuconazole ⊥	< LOQ		0.200		
Thiacloprid ⊥	< LOQ		0.100			Thiamethoxam ⊥	< LOQ		0.100		
Trifloxystrobin ⊥	< LOQ		0.100								

Metals

Analyte	Result	Limits	Units	LOQ	Batch	Analyzed	Method	Status	Notes
Arsenic ⊥	< LOQ		mg/kg	0.0155	2506684	09/16/25	AOAC 2013.06 (mod.)þ		
Cadmium ⊥	< LOQ		mg/kg	0.0155	2506684	09/16/25	AOAC 2013.06 (mod.)þ		
Lead ⊥	< LOQ		mg/kg	0.0155	2506684	09/16/25	AOAC 2013.06 (mod.)þ		
Mercury ⊥	< LOQ		mg/kg	0.00774	2506684	09/16/25	AOAC 2013.06 (mod.)þ		

Mycotoxins

Analyte	Result	Limits	Units	LOQ	Batch	Analyzed	Method	Status	Notes
Aflatoxin B1 ⊥	< LOQ		µg/kg	5.00	2506789	09/19/25	Mycotoxins by AOAC 2007.01		
Aflatoxin B2 ⊥	< LOQ		µg/kg	5.00	2506789	09/19/25	Mycotoxins by AOAC 2007.01		
Aflatoxin G1 ⊥	< LOQ		µg/kg	5.00	2506789	09/19/25	Mycotoxins by AOAC 2007.01		
Aflatoxin G2 ⊥	< LOQ		µg/kg	5.00	2506789	09/19/25	Mycotoxins by AOAC 2007.01		
Ochratoxin A	< LOQ		µg/kg	5.00	2506789	09/19/25	Mycotoxins by AOAC 2007.01þ		
Total Aflatoxins	< LOQ		µg/kg	20.0		09/19/25	Mycotoxins by AOAC 2007.01þ		

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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.

þ = ISO/IEC 17025:2017 accredited method.

⊥ = TNI accredited analyte.

Units of Measure

µg/g = Microgram per gram

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

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

/5g = Per 5 grams

=

% wt = µg/g divided by 10,000

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Columbia LABORATORIES
A Tentamus Company

Hemp & Cannabis Chain of Custody

Nomadic-Concepts-LLC-1757611370

Company Details

Company: Nomadic Concepts LLC
Contact: Conor Delaney
Street Address: 6874 FORSYTHIA STREET
City, State, Zip:Springfield, OR 97478
Email: Ashdelorenzo.nomadic@gmail.com
Email, CC: Conordel80@gmail.com
Contact Phone: 5419363038
Company Phone: 5419363038

Billing Information

Billing Phone: 5419363038
Billing Email: Ashdelorenzo.nomadic@gmail.com

Project Details

Turnaround Time: 4 Business Days | Surcharges Apply
Relinquishment | Sampling, Courier & Shipping Options: By Shipping Service (USPS, UPS, Fedex)
License Type: ODA
License #: AG-R1094100IHH
PO Number: 1038

Receipt Information

Evidence of Cooling?: No
Sample Condition: Satisfactory
Prelog Storage: Canna Shelves

#	Sample Name	Lot | Additional Sample ID	Material	Amount Provided	Reporting Unit	Specifications	Additional Test Requests and Sample Comments	Testing
1	Passion Fruit Lemon Ginger	PFLG_NC090325	Cannabinoid Edible	60 g	% & mg/serving	N/A	No potency needed. Potency was just done, originally meant to choose package CH005.	✓
2	Cherry Limeade	CHLM_NC090325	Cannabinoid Edible	40 g	% & mg/serving	4g cube	No potency needed.	✓
3	Watermelon	WM_NC090325	Cannabinoid Edible	40 g	% & mg/serving	4g cube	No potency needed.	✓
4	Pineapple Tangerine	PNTAN_NC090325	Cannabinoid Edible	60 g	% & mg/serving	6g	No Potency Needed.	✓
5	Strawberry	STWB_NC90325	Cannabinoid Edible	60 g	% & mg/serving	6g	No potency needed.	✓

C

Package Details

Oregon Package: Aflatoxins+Ochratoxin | OLCC • Cannabis Heavy Metals Profile OR • Micro Profile OR (OLCC Comp) • Pesticides (OR - Cannabis) • Potency Cannabis (Basic+Expanded) • Residual Solvents (Cannabis - Oregon)

Relinquished By	Date	Time	Received By	Date	Time	Received Temp., °C	IR Therm. CL#
Ashley DeLorenzo	09/11/2025	10:22	ccc	09/12/2025	09:46	21.30	CL-1243

Samples submitted to Columbia Laboratories with testing requirements constitute an agreement for services in accordance with the current terms of services associated with this COC. By signing "Relinquished by" you are agreeing to these terms.

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Revision: 2 Document ID: 7087
Legacy ID: CFL-E33Effective:

Laboratory Quality Control Results

Residual Solvents **Batch ID:** 2506685

	Method Blank				Laboratory Control Sample					
Analyte	**Result**		**LOQ**	**Notes**	**Result**	**Spike**	**Units**	**% Rec**	**Limits**	**Notes**
1,1-Dichloroethane	ND	<	1		0.807	1	µg/g	80.7	50-150	
1,4-Dioxane	ND	<	100		493	496	µg/g	99.4	60-120	
1-Propanol	ND	<	500		1760	1620	µg/g	108.6	50-150	
2,2-Dimethylbutane	ND	<	30		171	172	µg/g	99.4	60-120	
2,2-Dimethylpropane	ND	<	200		601	956	µg/g	62.9	60-120	
2,3-Dimethylbutane	ND	<	30		165	173	µg/g	95.4	60-120	
2-Butanol	ND	<	200		1660	1610	µg/g	103.1	60-120	
2-Ethoxyethanol	ND	<	30		175	177	µg/g	98.9	60-120	
2-methyl-1-propanol	ND	<	500		1730	1610	µg/g	107.5	50-150	
2-Methylbutane	ND	<	200		1630	1630	µg/g	100.0	60-120	
2-Methylpentane	ND	<	30		161	164	µg/g	98.2	60-120	
2-Propanol	ND	<	200		1600	1610	µg/g	99.4	60-120	
3-Methylpentane	ND	<	30		178	183	µg/g	97.3	60-120	
Acetone	ND	<	200		1610	1620	µg/g	99.4	60-120	
Acetonitrile	ND	<	100		489	493	µg/g	99.2	60-120	
Benzene	ND	<	1		0.736	1	µg/g	73.6	50-150	
Butane	ND	<	200		505	769	µg/g	65.7	60-120	
Butyl Acetate	ND	<	500		1830	1620	µg/g	113.0	50-150	
Cumene	ND	<	30		164	174	µg/g	94.3	60-120	
Cyclohexane	ND	<	200		1580	1630	µg/g	96.9	60-120	
Dichloromethane	ND	<	1		0.819	1	µg/g	81.9	50-150	
DMSO	ND	<	500		1780	1620	µg/g	109.9	50-150	
Ethanol	ND	<	200		1680	1630	µg/g	103.1	60-120	
Ethyl acetate	ND	<	200		1590	1630	µg/g	97.5	60-120	
Ethyl Ether	ND	<	200		1630	1620	µg/g	100.6	60-120	
Ethyl Formate	ND	<	500		1420	1620	µg/g	87.7	50-150	
Ethylbenzene	ND	<	200		973	976	µg/g	99.7	60-120	
Ethylene Glycol	ND	<	200		414	484	µg/g	85.5	60-120	
Ethylene Oxide	ND	<	1		1.03	1	µg/g	103.0	50-150	
Heptane	ND	<	200		1640	1600	µg/g	102.5	60-120	
Hexane	ND	<	30		168	172	µg/g	97.7	60-120	
Isobutane	ND	<	200		491	770	µg/g	63.8	60-120	
Isopropyl Acetate	ND	<	200		1620	1610	µg/g	100.6	60-120	
m,p-Xylene	ND	<	200		987	988	µg/g	99.9	60-120	
Methanol	ND	<	200		1600	1650	µg/g	97.0	60-120	
Methyl Acetate	ND	<	500		1630	1620	µg/g	100.6	50-150	
Methylisobutylketone	ND	<	500		1820	1620	µg/g	112.3	50-150	
o-Xylene	ND	<	200		974	975	µg/g	99.9	60-120	
Pentane	ND	<	200		1590	1610	µg/g	98.8	60-120	
Propane	ND	<	200		363	585	µg/g	62.1	60-120	
Propyl Acetate	ND	<	500		1740	1600	µg/g	108.8	50-150	
Sulfolane	ND	<	50		162	165	µg/g	98.2	50-150	
Tetrahydrofuran	ND	<	100		472	486	µg/g	97.1	60-120	
Toluene	ND	<	100		481	485	µg/g	99.2	60-120	
Trichloroethylene	ND	<	1		0.696	1	µg/g	69.6	50-150	
Triethylamine	ND	<	500		1580	1620	µg/g	97.5	50-150	

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Revision: 2 Document ID: 7087
Legacy ID: CFL-E33Effective:

QC - Sample Duplicate **Sample ID: 25-010736-0001**

Analyte	SR Result	SD Result	LOQ	Units	RPD	Limits	Accept/Fail	Notes
1,1-Dichloroethane	ND	ND	1	µg/g	0.0	< 20	Acceptable	
1,4-Dioxane	ND	ND	100	µg/g	0.0	< 20	Acceptable	
1-Propanol	ND	ND	500	µg/g	0.0	< 20	Acceptable	
2,2-Dimethylbutane	ND	ND	30	µg/g	0.0	< 20	Acceptable	
2,2-Dimethylpropane	ND	ND	200	µg/g	0.0	< 20	Acceptable	
2,3-Dimethylbutane	ND	ND	30	µg/g	0.0	< 20	Acceptable	
2-Butanol	ND	ND	200	µg/g	0.0	< 20	Acceptable	
2-Ethoxyethanol	ND	ND	30	µg/g	0.0	< 20	Acceptable	
2-methyl-1-propanol	ND	ND	500	µg/g	0.0	< 20	Acceptable	
2-Methylbutane	ND	ND	200	µg/g	0.0	< 20	Acceptable	
2-Methylpentane	ND	ND	30	µg/g	0.0	< 20	Acceptable	
2-Propanol	ND	ND	200	µg/g	0.0	< 20	Acceptable	
3-Methylpentane	ND	ND	30	µg/g	0.0	< 20	Acceptable	
Acetone	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Acetonitrile	ND	ND	100	µg/g	0.0	< 20	Acceptable	
Benzene	ND	ND	1	µg/g	0.0	< 20	Acceptable	
Butane	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Butyl Acetate	ND	ND	500	µg/g	0.0	< 20	Acceptable	
Cumene	ND	ND	30	µg/g	0.0	< 20	Acceptable	
Cyclohexane	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Dichloromethane	ND	ND	1	µg/g	0.0	< 20	Acceptable	
DMSO	ND	ND	500	µg/g	0.0	< 20	Acceptable	
Ethanol	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Ethyl acetate	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Ethyl Ether	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Ethyl Formate	ND	ND	500	µg/g	0.0	< 20	Acceptable	
Ethylbenzene	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Ethylene Glycol	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Ethylene Oxide	ND	ND	1	µg/g	0.0	< 20	Acceptable	
Heptane	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Hexane	ND	ND	30	µg/g	0.0	< 20	Acceptable	
Isobutane	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Isopropyl Acetate	ND	ND	200	µg/g	0.0	< 20	Acceptable	
m,p-Xylene	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Methanol	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Methyl Acetate	ND	ND	500	µg/g	0.0	< 20	Acceptable	
Methylisobutylketone	ND	ND	500	µg/g	0.0	< 20	Acceptable	
o-Xylene	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Pentane	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Propane	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Propyl Acetate	ND	ND	500	µg/g	0.0	< 20	Acceptable	
Sulfolane	ND	ND	50	µg/g	0.0	< 20	Acceptable	
Tetrahydrofuran	ND	ND	100	µg/g	0.0	< 20	Acceptable	
Toluene	ND	ND	100	µg/g	0.0	< 20	Acceptable	
Trichloroethylene	ND	ND	1	µg/g	0.0	< 20	Acceptable	
Triethylamine	ND	ND	500	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
Legacy ID: CFL-C21 Worksheet Validated 10/30/2020

Laboratory Pesticide Quality Control Results

AOAC 2007.1 & EN 15662 **Units:** mg/Kg **Batch ID:** 2506771

Method Blank				Laboratory Control Sample					
Analyte	**Blank Result**	**Blank Limits**	**Notes**	**LCS Result**	**LCS Spike**	**LCS % Rec**	**Limits**		**Notes**
Abamectin	0.000	< 0.250		0.965	1.000	96.5	50.0	150	
Acephate	0.013	< 0.200		0.665	0.800	83.1	60.0	120	
Acequinocyl	0.049	< 1.000		3.199	4.000	80.0	40.0	160	
Acetamiprid	0.001	< 0.100		0.356	0.400	89.0	60.0	120	
Aldicarb	0.000	< 0.200		0.726	0.800	90.7	60.0	120	
Azoxystrobin	0.004	< 0.100		0.341	0.400	85.3	60.0	120	
Bifenazate	0.001	< 0.100		0.371	0.400	92.7	60.0	120	
Bifenthrin	0.002	< 0.100		0.347	0.400	86.7	50.0	150	
Boscalid	0.008	< 0.200		0.735	0.800	91.9	60.0	120	
Carbaryl	0.000	< 0.100		0.355	0.400	88.7	60.0	120	
Carbofuran	0.001	< 0.100		0.361	0.400	90.3	60.0	120	
Chlorantraniliprole	0.001	< 0.100		0.358	0.400	89.4	60.0	120	
Chlorfenapyr	0.000	< 0.500		1.478	2.000	73.9	60.0	120	
Chlorpyrifos	0.002	< 0.100		0.328	0.400	81.9	60.0	120	
Clofentezine	0.001	< 0.100		0.339	0.400	84.7	60.0	120	
Cyfluthrin	0.000	< 0.500		1.880	2.000	94.0	50.0	150	
Cypermethrin	0.000	< 0.500		1.850	2.000	92.5	50.0	150	
Daminozide	0.000	< 0.500		0.632	2.000	***31.6***	60.0	120	**Q7**
Diazinon	0.001	< 0.100		0.350	0.400	87.4	60.0	120	
Dichlorvos	0.018	< 0.500		1.775	2.000	88.8	60.0	120	
Dimethoate	0.001	< 0.100		0.355	0.400	88.7	60.0	120	
Ethoprophos	0.003	< 0.100		0.352	0.400	88.1	60.0	120	
Etofenprox	0.005	< 0.200		0.666	0.800	83.2	50.0	150	
Etoxazole	0.001	< 0.100		0.330	0.400	82.4	60.0	120	
Fenoxycarb	0.001	< 0.100		0.362	0.400	90.6	60.0	120	
Fenpyroximate	0.006	< 0.200		0.681	0.800	85.1	60.0	120	
Fipronil	0.000	< 0.200		0.703	0.800	87.8	60.0	120	
Flonicamid	0.005	< 0.250		0.905	1.000	90.5	60.0	120	
Fludioxonil	0.000	< 0.200		0.737	0.800	92.1	50.0	150	
Hexythiazox	0.006	< 0.250		0.782	1.000	78.2	60.0	120	
Imazalil	0.005	< 0.100		0.382	0.400	95.4	60.0	120	
Imidacloprid	0.000	< 0.200		0.711	0.800	88.9	60.0	120	
Kresoxim-methyl	0.001	< 0.200		0.709	0.800	88.6	60.0	120	
Malathion	0.000	< 0.100		0.366	0.400	91.6	60.0	120	
Metalaxyl	0.001	< 0.100		0.371	0.400	92.8	60.0	120	
Methiocarb	0.001	< 0.100		0.354	0.400	88.4	60.0	120	
Methomyl	0.007	< 0.200		0.700	0.800	87.5	60.0	120	
MGK-264	0.000	< 0.100		0.349	0.400	87.3	50.0	150	
Myclobutanil	0.001	< 0.100		0.368	0.400	91.9	60.0	120	
Naled	0.000	< 0.250		0.937	1.000	93.7	50.0	150	
Oxamyl	0.001	< 0.500		1.794	2.000	89.7	60.0	120	
Paclobutrazole	0.002	< 0.200		0.722	0.800	90.3	60.0	120	
Parathion-Methyl	0.000	< 0.100		0.333	0.400	83.2	50.0	150	
Permethrin	0.003	< 0.100		0.344	0.400	85.9	50.0	150	
Phosmet	0.001	< 0.100		0.366	0.400	91.6	50.0	150	
Piperonyl butoxide	0.000	< 0.500		1.851	2.000	92.6	60.0	120	
Prallethrin	0.001	< 0.100		0.352	0.400	88.1	60.0	120	
Propiconazole	0.006	< 0.200		0.711	0.800	88.8	60.0	120	
Propoxur	0.001	< 0.100		0.348	0.400	86.9	60.0	120	
Pyrethrin (Summe)	0.000	< 0.100		0.428	0.488	87.8	60.0	120	
Pyridaben	0.002	< 0.100		0.335	0.400	83.7	50.0	150	
Spinosad	0.000	< 0.100		0.422	0.388	108.7	50.0	150	
Spiromesifen	0.000	< 0.100		0.333	0.400	83.2	60.0	120	
Spirotetramat	0.000	< 0.100		0.365	0.400	91.3	60.0	120	
Spiroxamine	0.007	< 0.200		0.719	0.800	89.8	60.0	120	

Columbia LABORATORIES
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12423 NE Whitaker Way
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503-254-1794

Report Number: 25-010841/D002.R000
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Revision: 3 Document ID: 3120
Legacy ID: CFL-C21 Worksheet Validated 10/30/2020

Laboratory Pesticide Quality Control Results

AOAC 2007.1 & EN 15662 **Units:** mg/Kg **Batch ID:** 2506771

Matrix Spike/Matrix Spike Duplicate Recoveries **Sample ID: 25-010841-0001**

Analyte	Result	MS Res	MSD Res	Spike	RPD%	Limit	MS % Rec	MSD % Rec	Limits	Notes
Abamectin	0.000	0.915	0.920	1.000	0.5%	< 30	91.5%	92.0%	50 - 150	
Acephate	0.020	0.628	0.610	0.800	2.9%	< 30	76.0%	73.8%	50 - 150	
Acequinocyl	0.052	3.465	2.843	4.000	20.0%	< 30	85.3%	69.8%	50 - 150	
Acetamiprid	0.001	0.339	0.326	0.400	3.7%	< 30	84.4%	81.3%	50 - 150	
Aldicarb	0.000	0.687	0.687	0.800	0.0%	< 30	85.9%	85.8%	50 - 150	
Azoxystrobin	0.005	0.303	0.323	0.400	6.5%	< 30	74.5%	79.5%	50 - 150	
Bifenazate	0.001	0.378	0.357	0.400	5.5%	< 30	94.3%	89.2%	50 - 150	
Bifenthrin	0.001	0.349	0.333	0.400	4.7%	< 30	87.0%	83.0%	50 - 150	
Boscalid	0.008	0.683	0.687	0.800	0.7%	< 30	84.4%	85.0%	50 - 150	
Carbaryl	0.000	0.349	0.324	0.400	7.7%	< 30	87.3%	80.9%	50 - 150	
Carbofuran	0.001	0.341	0.333	0.400	2.6%	< 30	85.0%	82.8%	50 - 150	
Chlorantraniliprole	0.000	0.349	0.334	0.400	4.3%	< 30	87.2%	83.5%	50 - 150	
Chlorfenapyr	0.000	2.037	1.822	2.000	11.1%	< 30	101.8%	91.1%	50 - 150	
Chlorpyrifos	0.002	0.353	0.344	0.400	2.7%	< 30	87.7%	85.3%	50 - 150	
Clofentezine	0.001	0.327	0.332	0.400	1.6%	< 30	81.6%	82.9%	50 - 150	
Cyfluthrin	0.000	1.903	1.640	2.000	14.8%	< 30	95.1%	82.0%	30 - 150	
Cypermethrin	0.000	1.735	1.628	2.000	6.3%	< 30	86.8%	81.4%	50 - 150	
Daminozide	0.000	0.610	0.641	2.000	5.0%	< 30	30.5%	32.1%	30 - 150	
Diazinon	0.001	0.354	0.350	0.400	1.2%	< 30	88.2%	87.1%	50 - 150	
Dichlorvos	0.019	1.669	1.655	2.000	0.9%	< 30	82.5%	81.8%	50 - 150	
Dimethoate	0.001	0.342	0.341	0.400	0.4%	< 30	85.3%	85.0%	50 - 150	
Ethoprophos	0.003	0.346	0.335	0.400	3.1%	< 30	85.8%	83.2%	50 - 150	
Etofenprox	0.004	0.715	0.692	0.800	3.3%	< 30	88.8%	85.9%	50 - 150	
Etoxazole	0.001	0.351	0.332	0.400	5.6%	< 30	87.4%	82.7%	50 - 150	
Fenoxycarb	0.001	0.360	0.355	0.400	1.5%	< 30	89.9%	88.5%	50 - 150	
Fenpyroximate	0.006	0.686	0.656	0.800	4.6%	< 30	85.0%	81.2%	50 - 150	
Fipronil	0.000	0.730	0.681	0.800	6.9%	< 30	91.3%	85.2%	50 - 150	
Flonicamid	0.005	0.866	0.825	1.000	4.9%	< 30	86.1%	82.0%	50 - 150	
Fludioxonil	0.000	0.746	0.749	0.800	0.4%	< 30	93.3%	93.6%	50 - 150	
Hexythiazox	0.006	0.665	0.698	1.000	4.9%	< 30	65.9%	69.2%	50 - 150	
Imazalil	0.005	0.357	0.340	0.400	5.2%	< 30	88.0%	83.6%	50 - 150	
Imidacloprid	0.000	0.681	0.675	0.800	0.8%	< 30	85.1%	84.4%	50 - 150	
Kresoxim-methyl	0.001	0.699	0.711	0.800	1.7%	< 30	87.2%	88.8%	50 - 150	
Malathion	0.000	0.355	0.350	0.400	1.5%	< 30	88.9%	87.5%	50 - 150	
Metalaxyl	0.001	0.352	0.339	0.400	3.7%	< 30	87.9%	84.7%	50 - 150	
Methiocarb	0.001	0.354	0.351	0.400	0.8%	< 30	88.2%	87.5%	50 - 150	
Methomyl	0.007	0.686	0.652	0.800	5.1%	< 30	84.9%	80.7%	50 - 150	
MGK-264	0.000	0.355	0.335	0.400	5.7%	< 30	88.8%	83.8%	50 - 150	
Myclobutanil	0.001	0.357	0.337	0.400	5.8%	< 30	89.1%	84.1%	50 - 150	
Naled	0.000	0.917	0.923	1.000	0.6%	< 30	91.7%	92.3%	50 - 150	
Oxamyl	0.002	1.718	1.644	2.000	4.4%	< 30	85.8%	82.1%	50 - 150	
Paclobutrazole	0.002	0.690	0.698	0.800	1.2%	< 30	86.0%	87.1%	50 - 150	
Parathion-Methyl	0.000	0.316	0.346	0.400	8.9%	< 30	79.1%	86.5%	30 - 150	
Permethrin	0.000	0.382	0.327	0.400	15.5%	< 30	95.5%	81.8%	50 - 150	
Phosmet	0.001	0.362	0.336	0.400	7.3%	< 30	90.3%	84.0%	50 - 150	
Piperonyl butoxide	0.000	2.006	1.951	2.000	2.8%	< 30	100.3%	97.5%	50 - 150	
Prallethrin	0.001	0.350	0.347	0.400	0.7%	< 30	87.2%	86.6%	50 - 150	
Propiconazole	0.006	0.699	0.710	0.800	1.5%	< 30	86.7%	87.9%	50 - 150	
Propoxur	0.001	0.334	0.331	0.400	1.1%	< 30	83.3%	82.4%	50 - 150	
Pyrethrin (Summe)	0.001	0.442	0.440	0.488	0.5%	< 30	90.5%	90.1%	50 - 150	
Pyridaben	0.002	0.365	0.341	0.400	6.8%	< 30	90.8%	84.8%	50 - 150	
Spinosad	0.000	0.389	0.386	0.388	0.8%	< 30	100.2%	99.4%	50 - 150	
Spiromesifen	0.003	0.328	0.313	0.400	4.8%	< 30	81.3%	77.5%	50 - 150	
Spirotetramat	0.000	0.344	0.337	0.400	2.3%	< 30	86.1%	84.2%	50 - 150	
Spiroxamine	0.007	0.688	0.689	0.800	0.2%	< 30	85.1%	85.3%	50 - 150	

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Explanation of QC Flag Comments:

Code	Explanation
A	This analysis was performed on a VOA sample containing headspace.
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.
B3	Dilution water blank of BOD was above the recommended limit; associated samples could be high biased.
CP	Client provided value.
CV	Calculated value.
E	Analyte concentration exceeds the calibration range, results are estimated.
E1	Estimated value.
E2	Estimated value. Matrix interference observed.
H	Holding time was exceeded.
J	Estimated value, above the detection limit and below the LOQ
I	Insufficient sample received to meet method requirements.
LOQ1	Quantitation level raised due to low sample volume and/or dilution.
LOQ2	Quantitaion level raised due to matrix interference.
LOQ3	< LOQ could be due to potential inhibition.
N1	See case narrative
P	Not preserved to the proper pH
P1	Storage temperature out of control
P2	Incubator temperature out of control
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.
Q7	Quality control outside QC limits.
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.
RE	Re-extracted and/or re-analyzed.
REH	The original analysis was within holding time; re-analysis past holding time.
S	Surrogate recovery outside control limit.
T	Tentatively Identified Compound (TIC) by library search.
T1	Confirmed by secondary ion
W	Results are reported on dry weight basis.