Columbia LABORATORIES
A Tentamus Company

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

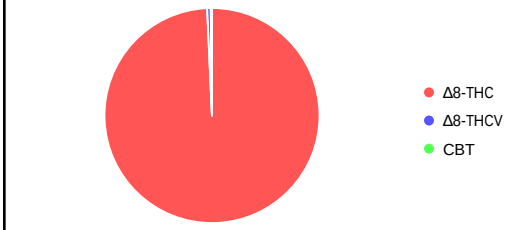
Report Number:	22-014446/D003.R000
Report Date:	12/01/2022
ORELAP#:	OR100028
Purchase Order:	Delta 8
Received:	11/28/22 10:32

Customer:	KIK By Kalibloom
Product identity:	Mimosa
Client/Metrc ID:	Batch # 210038
Laboratory ID:	22-014446-0002

Summary

Potency:

Analyte	Result (%)
Δ8-THC	78.0
Δ8-THCV	0.421
CBT	0.142



CBD-Total	<LOQ
THC-Total	<LOQ

(Reported in percent of total sample)

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
ß-Myrcene	0.468	31.20%	(R)-(+)-Limonene	0.317	21.13%
a-pinene	0.268	17.87%	ß-Caryophyllene	0.170	11.33%
(-)-ß-Pinene	0.130	8.67%	Linalool	0.0762	5.08%
Humulene	0.0511	3.41%	a-Bisabolol	0.0241	1.61%
Total Terpenes	**1.50**	**100.00%**			

Metals:

Less than LOQ for all analytes.

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Customer:	KIK By Kalibloom United States of America (USA)
Product identity:	Mimosa
Client/Metrc ID:	Batch # 210038
Sample Date:	
Laboratory ID:	22-014446-0002
Evidence of Cooling:	No
Temp:	14.6
Relinquished by:	ups

Sample Results

Potency **Method:** J AOAC 2015 V98-6 (mod)[b] **Units** % **Batch:** 2210176 **Analyze:** 11/29/22 11:32:00 P

Analyte	As Received	Dry weight	LOQ	Notes
CBC	< LOQ		0.0738	
CBC-A	< LOQ		0.0738	
CBC-Total	< LOQ		0.139	
CBD	< LOQ		0.0738	
CBD-A	< LOQ		0.0738	
CBD-Total	< LOQ		0.139	
CBDV	< LOQ		0.0738	
CBDV-A	< LOQ		0.0738	
CBDV-Total	< LOQ		0.138	
CBE	< LOQ		0.0738	
CBG	< LOQ		0.0738	
CBG-A	< LOQ		0.0738	
CBG-Total	< LOQ		0.138	
CBL	< LOQ		0.0738	
CBL-A	< LOQ		0.0738	
CBL-Total	< LOQ		0.139	
CBN	< LOQ		0.0738	
CBT	0.142		0.0738	
Δ10-THC	< LOQ		0.0738	
Δ8-THC	78.0		0.738	
Δ8-THCV	0.421		0.0738	
Δ9-THC	< LOQ		0.0738	
exo-THC	< LOQ		0.0738	
THC-A	< LOQ		0.0738	
THC-Total	< LOQ		0.139	
THCV	< LOQ		0.0738	
THCV-A	< LOQ		0.0738	
THCV-Total	< LOQ		0.138	
Total Cannabinoids	78.6			

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Solvents **Method:** Residual Solvents by GC/MS^{b} **Units** µg/g **Batch** 2210164 **Analyze** 11/30/22 09:13 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-Dimethylbutane	< LOQ		30.0			2,2-Dimethylpropane (neo-pentane)	< LOQ		200		
2,3-Dimethylbutane	< LOQ		30.0			3-Methylpentane	< LOQ		30.0		
Acetone	< LOQ	5000	200	pass		Acetonitrile	< LOQ	410	100	pass	
Benzene	< LOQ	2.00	1.00	pass		Butanes (sum)	< LOQ	5000	400	pass	
Cyclohexane	< LOQ	3880	200	pass		Ethyl acetate	< LOQ	5000	200	pass	
Ethyl benzene	< LOQ		200			Ethyl ether	< LOQ	5000	200	pass	
Ethylene glycol	< LOQ	620	200	pass		Ethylene oxide	< LOQ	50.0	20.0	pass	
Hexanes (sum)	< LOQ	290	150	pass		Isopropyl acetate	< LOQ	5000	200	pass	
Isopropylbenzene (Cumene)	< LOQ	70.0	30.0	pass		m,p-Xylene	< LOQ		200		
Methanol	< LOQ	3000	200	pass		Methylene chloride	< LOQ	600	60.0	pass	
Methylpropane (Isobutane)	< LOQ		200			n-Butane	< LOQ		200		
n-Heptane	< LOQ	5000	200	pass		n-Hexane	< LOQ		30.0		
n-Pentane	< LOQ		200			o-Xylene	< LOQ		200		
Pentanes (sum)	< LOQ	5000	600	pass		Propane	< LOQ	5000	200	pass	
Tetrahydrofuran	< LOQ	720	100	pass		Toluene	< LOQ	890	100	pass	
Total Xylenes	< LOQ		400			Total Xylenes and Ethyl benzene	< LOQ	2170	600	pass	

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Pesticides **Method:** AOAC 2007.01 & EN 15662 (mod)þ **Units** mg/kg **Batch** 2210196 **Analyze** 11/30/22 03:36 PM

Analyte	Result	Limits	LOQ	Status	Notes	Analyte	Result	Limits	LOQ	Status	Notes
Abamectin¥	< LOQ	0.50	0.250	pass		Acephate¥	< LOQ	0.40	0.200	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		Flonicamid¥	< 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	0.100	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	0.100	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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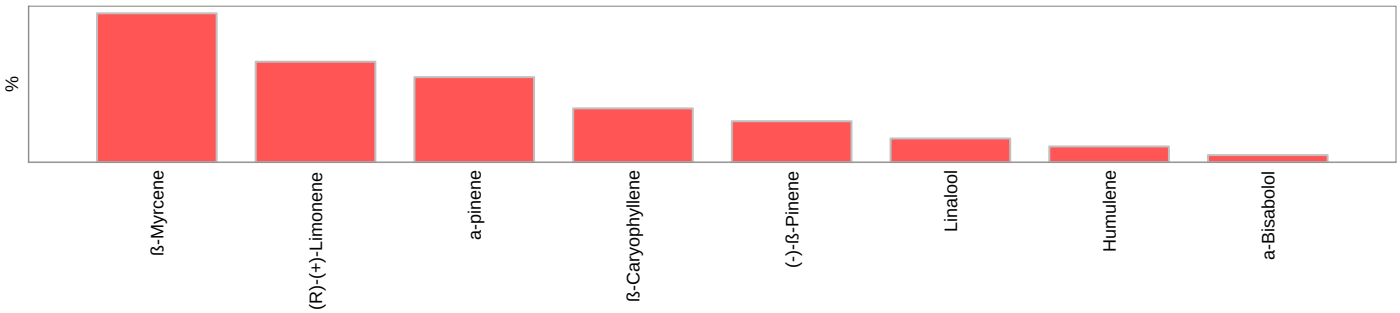
Terpenes

Method: J AOAC 2015 V98-6 **Units** % **Batch** 2210177 **Analyze** 11/29/22 07:56 PM

Analyte	Result	LOQ	% of Total	Notes	Analyte	Result	LOQ	% of Total	Notes
ß-Myrcene	0.468	0.019	31.200%		(R)-(+)-Limonene	0.317	0.019	21.133%	
a-pinene	0.268	0.019	17.867%		ß-Caryophyllene	0.170	0.019	11.333%	
(-)-ß-Pinene	0.130	0.019	8.667%		Linalool	0.0762	0.019	5.0800%	
Humulene	0.0511	0.019	3.4067%		a-Bisabolol	0.0241	0.019	1.6067%	
Geraniol	< LOQ	0.019	0.00%		(+)-Pulegone	< LOQ	0.019	0.00%	
farnesene	< LOQ	0.019	0.00%		Isoborneol	< LOQ	0.019	0.00%	
valencene	< LOQ	0.019	0.00%		p-Cymene	< LOQ	0.019	0.00%	
(+)-fenchol	< LOQ	0.019	0.00%		Camphene	< LOQ	0.019	0.00%	
(±)-Camphor	< LOQ	0.019	0.00%		(-)-Isopulegol	< LOQ	0.019	0.00%	
Geranyl acetate	< LOQ	0.019	0.00%		(±)-trans-Nerolidol	< LOQ	0.019	0.00%	
(±)-fenchone	< LOQ	0.019	0.00%		Terpinolene	< LOQ	0.019	0.00%	
Menthol	< LOQ	0.019	0.00%		(-)-Guaiol	< LOQ	0.019	0.00%	
(-)-caryophyllene oxide	< LOQ	0.019	0.00%		Eucalyptol	< LOQ	0.019	0.00%	
(+)-Cedrol	< LOQ	0.019	0.00%		(±)-cis-Nerolidol	< LOQ	0.019	0.00%	
cis-ß-Ocimene	< LOQ	0.006	0.00%		a-Terpinene	< LOQ	0.019	0.00%	
Sabinene	< LOQ	0.019	0.00%		a-phellandrene	< LOQ	0.019	0.00%	
(-)-a-Terpineol	< LOQ	0.019	0.00%		(+)-Borneol	< LOQ	0.019	0.00%	
a-cedrene	< LOQ	0.019	0.00%		d-3-Carene	< LOQ	0.019	0.00%	
gamma-Terpinene	< LOQ	0.019	0.00%		nerol	< LOQ	0.019	0.00%	
Sabinene hydrate	< LOQ	0.019	0.00%		trans-ß-Ocimene	< LOQ	0.012	0.00%	
Total Terpenes	**1.50**								



Metals

Analyte	Result	Limits	Units	LOQ	Batch	Analyzed	Method	Status	Notes
Arsenic	< LOQ	0.200	mg/kg	0.0985	2210243	12/01/22	AOAC 2013.06 (mod.)þ	pass	
Cadmium	< LOQ	0.200	mg/kg	0.0985	2210243	12/01/22	AOAC 2013.06 (mod.)þ	pass	
Lead	< LOQ	0.500	mg/kg	0.0985	2210243	12/01/22	AOAC 2013.06 (mod.)þ	pass	
Mercury	< LOQ	0.100	mg/kg	0.0493	2210243	12/01/22	AOAC 2013.06 (mod.)þ	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.

ᵇ = ISO/IEC 17025:2017 accredited method.
¥ = TNI accredited analyte.

Units of Measure

µg/g = Microgram per gram
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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KIKBYKALIB 22-014446

KIK By Kalibloom

11-16

Columbia LABORATORIES
A Tentamus Company

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: KIK by Kalibloom
Contact: Taylor
Street: 3515 E Russel Rd STEALL#346
City: Las Vegas State: NV Zip: 89120
☐ Email Results: Taylor@kal.bloom.com
Ph: ( ) ☐ Fx Results: ( )
Billing (if different):

Analysis Requested: Potency, Metals, Solvents, Pesticides, Terpene

PO Number: Delta 8
Project Number:
Project Name:
Custom Reporting:
Report to State - ☐ METRC or ☐ Other:
Turnaround time: ☐ Standard ☐ Rush * ☒ Priority Rush *
*Ask for availability
Sampled by:

Lab ID	Client Sample Identification	Date	Time	Sample Type †	Weight (Units)	Comments/Metrc ID
	Blue Dream					Batch # 210038
	Mimosa					
	Fire OG					

Relinquished By:	Date	Time	Received By:	Date	Time
			JSF	11/28	10:32

Lab Use Only:
☒ Shipped Via: UPS or ☐ Client drop
Evidence of cooling: ☐ Yes | ☒ No - Temp (°C): 14.6
Sample in good condition: ☒ Yes | ☐ No
☐ Cash | ☐ Check | ☐ CC | ☐ Net:
Prelog storage:

† - Sample Type Codes: Vegitation (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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Revision: 2 Document ID: 7087
Legacy ID: CFL-E33Effective:

Laboratory Quality Control Results

Residual Solvents **Batch ID:** 2210164

Method Blank					Laboratory Control Sample							
Analyte	Result		LOQ	Notes	Result	Spike	Units	% Rec	Limits			Notes
Propane	ND	<	200		601	572	µg/g	105.1	60	-	120	
Isobutane	ND	<	200		751	731	µg/g	102.7	60	-	120	
Butane	ND	<	200		744	731	µg/g	101.8	60	-	120	
2,2-Dimethylpropane	ND	<	200		977	936	µg/g	104.4	60	-	120	
Methanol	ND	<	200		1730	1650	µg/g	104.8	60	-	120	
Ethylene Oxide	ND	<	30		58.5	56.2	µg/g	104.1	60	-	120	
2-Methylbutane	ND	<	200		1660	1650	µg/g	100.6	60	-	120	
Pentane	ND	<	200		1660	1650	µg/g	100.6	60	-	120	
Ethanol	ND	<	200		1650	1660	µg/g	99.4	70	-	130	
Ethyl Ether	ND	<	200		1580	1630	µg/g	96.9	60	-	120	
2,2-Dimethylbutane	ND	<	30		202	189	µg/g	106.9	60	-	120	
Acetone	ND	<	200		1700	1650	µg/g	103.0	60	-	120	
2-Propanol	ND	<	200		1710	1650	µg/g	103.6	60	-	120	
Ethyl Formate	ND	<	500		1510	1610	µg/g	93.8	70	-	130	
Acetonitrile	ND	<	100		551	504	µg/g	109.3	60	-	120	
Methyl Acetate	ND	<	500		1740	1630	µg/g	106.7	70	-	130	
2,3-Dimethylbutane	ND	<	30		165	174	µg/g	94.8	60	-	120	
Dichloromethane	ND	<	60		514	521	µg/g	98.7	60	-	120	
2-Methylpentane	ND	<	30		187	187	µg/g	100.0	60	-	120	
MTBE	ND	<	500		1640	1600	µg/g	102.5	70	-	130	
3-Methylpentane	ND	<	30		198	188	µg/g	105.3	60	-	120	
Hexane	ND	<	30		199	182	µg/g	109.3	60	-	120	
1-Propanol	ND	<	500		1720	1610	µg/g	106.8	70	-	130	
Methylethylketone	ND	<	500		1690	1600	µg/g	105.6	70	-	130	
Ethyl acetate	ND	<	200		1660	1630	µg/g	101.8	60	-	120	
2-Butanol	ND	<	200		1650	1630	µg/g	101.2	60	-	120	
Tetrahydrofuran	ND	<	100		532	506	µg/g	105.1	60	-	120	
Cyclohexane	ND	<	200		1580	1640	µg/g	96.3	60	-	120	
2-methyl-1-propanol	ND	<	500		1610	1620	µg/g	99.4	70	-	130	
Benzene	ND	<	1		4.51	4.93	µg/g	91.5	60	-	120	
Isopropyl Acetate	ND	<	200		1650	1640	µg/g	100.6	60	-	120	
Heptane	ND	<	200		1650	1630	µg/g	101.2	60	-	120	
1-Butanol	ND	<	500		1630	1600	µg/g	101.9	70	-	130	
Propyl Acetate	ND	<	500		1670	1620	µg/g	103.1	70	-	130	
1,4-Dioxane	ND	<	100		471	493	µg/g	95.5	60	-	120	
2-Ethoxyethanol	ND	<	30		169	171	µg/g	98.8	60	-	120	
Methylisobutylketone	ND	<	500		1660	1620	µg/g	102.5	70	-	130	
3-Methyl-1-butanol	ND	<	500		1680	1610	µg/g	104.3	70	-	130	
Ethylene Glycol	ND	<	200		495	494	µg/g	100.2	60	-	120	
Toluene	ND	<	100		482	506	µg/g	95.3	60	-	120	
Isobutyl Acetate	ND	<	500		1700	1620	µg/g	104.9	70	-	130	
1-Pentanol	ND	<	500		1680	1610	µg/g	104.3	70	-	130	
Butyl Acetate	ND	<	500		1610	1610	µg/g	100.0	70	-	130	
Ethylbenzene	ND	<	200		938	996	µg/g	94.2	60	-	120	
m,p-Xylene	ND	<	200		913	1010	µg/g	90.4	60	-	120	
o-Xylene	ND	<	200		921	979	µg/g	94.1	60	-	120	
Cumene	ND	<	30		157	188	µg/g	83.5	60	-	120	
Anisole	ND	<	500		1620	1610	µg/g	100.6	70	-	130	
DMSO	ND	<	500		1560	1600	µg/g	97.5	70	-	130	
1,2-dimethoxyethane	ND	<	50		205	190	µg/g	107.9	70	-	130	
Triethylamine	ND	<	500		1540	1610	µg/g	95.7	70	-	130	
N,N-dimethylformamide	ND	<	150		434	496	µg/g	87.5	70	-	130	
N,N-dimethylacetamide	ND	<	150		515	483	µg/g	106.6	70	-	130	
Pyridine	ND	<	50		157	167	µg/g	94.0	70	-	130	
Sulfolane	ND	<	50		115	161	µg/g	71.4	70	-	130	

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

QC - Sample Duplicate **Sample ID: 22-014208-0001**

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

Columbia LABORATORIES
A Tentamus Company

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

Report Number: 22-014446/D003.R000
Report Date: 12/01/2022
ORELAP#: OR100028
Purchase Order: Delta 8
Received: 11/28/22 10:32

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

Laboratory Quality Control Results

J AOAC 2015 V98-6 **Batch ID: 2210176**

Laboratory Control Sample

Analyte	LCS	Result	Spike	Units	% Rec	Limits	Evaluation	Notes
CBDVA	2	0.105	0.102	%	102	80.0 - 120	Acceptable	
CBDV	2	0.108	0.106	%	102	80.0 - 120	Acceptable	
CBE	2	0.106	0.106	%	100	80.0 - 120	Acceptable	
CBDA	1	0.102	0.096	%	107	90.0 - 110	Acceptable	
CBGA	1	0.102	0.097	%	106	80.0 - 120	Acceptable	
CBG	1	0.103	0.095	%	108	80.0 - 120	Acceptable	
CBD	1	0.103	0.096	%	108	90.0 - 110	Acceptable	
THCV	2	0.107	0.102	%	105	80.0 - 120	Acceptable	
d8THCV	2	0.110	0.109	%	101	80.0 - 120	Acceptable	
THCVA	2	0.102	0.100	%	102	80.0 - 120	Acceptable	
CBN	1	0.104	0.099	%	105	80.0 - 120	Acceptable	
exo-THC	2	0.103	0.098	%	104	80.0 - 120	Acceptable	
d9THC	1	0.108	0.102	%	106	90.0 - 110	Acceptable	
d8THC	1	0.0992	0.100	%	99.1	90.0 - 110	Acceptable	
CBL	2	0.103	0.100	%	103	80.0 - 120	Acceptable	
9S-HHC	3	0.100	0.100	%	100	80.0 - 120	Acceptable	
d10THC	1	0.0981	0.092	%	106	80.0 - 120	Acceptable	
CBC	2	0.108	0.105	%	103	80.0 - 120	Acceptable	
9R-HHC	3	0.0920	0.100	%	92.0	80.0 - 120	Acceptable	
THCA	1	0.104	0.096	%	108	90.0 - 110	Acceptable	
CBCA	2	0.101	0.103	%	98.0	80.0 - 120	Acceptable	
CBLA	2	0.107	0.106	%	101	80.0 - 120	Acceptable	
d8THCO	3	0.107	0.100	%	107	80.0 - 120	Acceptable	
CBT	2	0.101	0.110	%	92.0	80.0 - 120	Acceptable	
d9THCO	3	0.107	0.100	%	107	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	
9S-HHC	<LOQ	0.077	%	< 0.077	Acceptable	
d10THC	<LOQ	0.077	%	< 0.077	Acceptable	
CBC	<LOQ	0.077	%	< 0.077	Acceptable	
9R-HHC	<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	
d8THCO	<LOQ	0.077	%	< 0.077	Acceptable	
CBT	<LOQ	0.077	%	< 0.077	Acceptable	
d9THCO	<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

Columbia LABORATORIES
A Tentamus Company

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Legacy ID: Worksheet Validated 04/20/2021

Laboratory Quality Control Results

J AOAC 2015 V98-6					Batch ID: 2210176			
Sample Duplicate					Sample ID: 22-014446-0001			
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	0.415	0.406	0.077	%	2.23	< 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	75.3	76.5	0.077	%	1.50	< 20	Acceptable	
CBL	<LOQ	<LOQ	0.077	%	NA	< 20	Acceptable	
9S-HHC	<LOQ	<LOQ	0.077	%	NA	< 20	Acceptable	
d10THC	<LOQ	<LOQ	0.077	%	NA	< 20	Acceptable	
CBC	<LOQ	<LOQ	0.077	%	NA	< 20	Acceptable	
9R-HHC	<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	
d8THCO	<LOQ	<LOQ	0.077	%	NA	< 20	Acceptable	
CBT	0.138	0.139	0.077	%	0.438	< 20	Acceptable	
d9THCO	<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:

Columbia LABORATORIES
A Tentamus Company

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Portland, OR 97230
503-254-1794

Report Number: 22-014446/D003.R000
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ORELAP#: OR100028
Purchase Order: Delta 8
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Terpenes Quality Control Results

Method Reference: EPA 5035 **Batch ID:** 2210177

Method Blank					Laboratory Control Sample					
Analyte	**Result**	**LOQ**		**Notes**	**Result**	**LCS**	**Units**	**LCS % Rec**	**Limits**	**Notes**
a-pinene	<LOQ	<	200		475	500	µg/g	***95%***	70 - 130	
Camphene	<LOQ	<	200		406	500	µg/g	***81%***	70 - 130	
Sabinene	<LOQ	<	200		471	500	µg/g	***94%***	70 - 130	
b-Pinene	<LOQ	<	200		466	500	µg/g	***93%***	70 - 130	
b-Myrcene	<LOQ	<	200		400	500	µg/g	***80%***	70 - 130	
a-phelllandrene	<LOQ	<	200		411	500	µg/g	***82%***	70 - 130	
d-3-Carene	<LOQ	<	200		403	500	µg/g	***81%***	70 - 130	
a-Terpinene	<LOQ	<	200		492	500	µg/g	***98%***	70 - 130	
p-Cymene	<LOQ	<	200		403	500	µg/g	***81%***	70 - 130	
D-Limonene	<LOQ	<	200		481	500	µg/g	***96%***	70 - 130	
Eucalyptol	<LOQ	<	200		397	500	µg/g	***79%***	70 - 130	
b-cis-Ocimene	<LOQ	<	67		145	167	µg/g	***87%***	70 - 130	
b-trans-Ocimene	<LOQ	<	133		280	333	µg/g	***84%***	70 - 130	
g-Terpinene	<LOQ	<	200		480	500	µg/g	***96%***	70 - 130	
Sabinene_Hydrate	<LOQ	<	200		478	500	µg/g	***96%***	70 - 130	
Terpinolene	<LOQ	<	200		493	500	µg/g	***99%***	70 - 130	
D-Fenchone	<LOQ	<	200		473	500	µg/g	***95%***	70 - 130	
Linalool	<LOQ	<	200		474	500	µg/g	***95%***	70 - 130	
Fenchol	<LOQ	<	200		498	500	µg/g	***100%***	70 - 130	
Camphor	<LOQ	<	200		410	500	µg/g	***82%***	70 - 130	
Isopulego	<LOQ	<	200		439	500	µg/g	***88%***	70 - 130	
Isoborneol	<LOQ	<	200		420	500	µg/g	***84%***	70 - 130	
Borneol	<LOQ	<	200		490	500	µg/g	***98%***	70 - 130	
DL-Menthol	<LOQ	<	200		408	500	µg/g	***82%***	70 - 130	
Terpineol	<LOQ	<	200		506	500	µg/g	***101%***	70 - 130	
Nerol	<LOQ	<	200		463	500	µg/g	***93%***	70 - 130	
Pulegone	<LOQ	<	200		524	500	µg/g	***105%***	70 - 130	
Gereniol	<LOQ	<	200		586	500	µg/g	***117%***	70 - 130	
Geranyl_Acetate	<LOQ	<	200		410	500	µg/g	***82%***	70 - 130	
a-Cedrene	<LOQ	<	200		478	500	µg/g	***96%***	70 - 130	
b-Caryophyllene	<LOQ	<	200		392	500	µg/g	***78%***	70 - 130	
a-Humulene	<LOQ	<	200		499	500	µg/g	***100%***	70 - 130	
Valenene	<LOQ	<	200		400	500	µg/g	***80%***	70 - 130	
cis-Nerolidol	<LOQ	<	200		459	500	µg/g	***92%***	70 - 130	
a-Farnesene	<LOQ	<	200		478	500	µg/g	***96%***	70 - 130	
trans-Nerolidol	<LOQ	<	200		515	500	µg/g	***103%***	70 - 130	
Caryophyllene_Oxide	<LOQ	<	200		408	500	µg/g	***82%***	70 - 130	
Guaiol	<LOQ	<	200		518	500	µg/g	***104%***	70 - 130	
Cedrol	<LOQ	<	200		417	500	µg/g	***83%***	70 - 130	
a-Bisabolol	<LOQ	<	200		430	500	µg/g	***86%***	70 - 130	

Definitions

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

Columbia LABORATORIES
A Tentamus Company

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Terpenes Quality Control Results

Method Reference: EPA 5035 **Batch ID:** 2210177

Sample/Sample Duplicate **Sample ID: 22-014396-0001**

Analyte	Result	Org. Result	LOQ	Units	% RPD	LIMIT	Notes
a-pinene	<LOQ	<LOQ	191	µg/g	0%	< 20	
Camphene	<LOQ	<LOQ	191	µg/g	0%	< 20	
Sabinene	<LOQ	<LOQ	191	µg/g	0%	< 20	
b-Pinene	<LOQ	<LOQ	191	µg/g	0%	< 20	
b-Myrcene	<LOQ	<LOQ	191	µg/g	0%	< 20	
a-phelllandrene	<LOQ	<LOQ	191	µg/g	0%	< 20	
d-3-Carene	<LOQ	<LOQ	191	µg/g	0%	< 20	
a-Terpinene	<LOQ	<LOQ	191	µg/g	0%	< 20	
p-Cymene	<LOQ	<LOQ	191	µg/g	0%	< 20	
D-Limonene	1760	1740	191	µg/g	1%	< 20	
Eucalyptol	<LOQ	<LOQ	191	µg/g	0%	< 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	191	µg/g	0%	< 20	
Sabinene_Hydrate	<LOQ	<LOQ	191	µg/g	0%	< 20	
Terpinolene	<LOQ	<LOQ	191	µg/g	0%	< 20	
D-Fenchone	<LOQ	<LOQ	191	µg/g	0%	< 20	
Linalool	384	383	191	µg/g	0%	< 20	
Fenchol	<LOQ	<LOQ	191	µg/g	0%	< 20	
Camphor	<LOQ	<LOQ	191	µg/g	0%	< 20	
Isopulego	<LOQ	<LOQ	191	µg/g	0%	< 20	
Isoborneol	<LOQ	<LOQ	191	µg/g	0%	< 20	
Borneol	<LOQ	<LOQ	191	µg/g	0%	< 20	
DL-Menthol	<LOQ	<LOQ	191	µg/g	0%	< 20	
Terpineol	<LOQ	<LOQ	191	µg/g	0%	< 20	
Nerol	<LOQ	<LOQ	191	µg/g	0%	< 20	
Pulegone	<LOQ	<LOQ	191	µg/g	0%	< 20	
Gereniol	<LOQ	<LOQ	191	µg/g	0%	< 20	
Geranyl_Acetate	<LOQ	<LOQ	191	µg/g	0%	< 20	
a-Cedrene	306	302	191	µg/g	1%	< 20	
b-Caryophyllene	<LOQ	<LOQ	191	µg/g	0%	< 20	
a-Humulene	<LOQ	<LOQ	191	µg/g	0%	< 20	
Valenene	<LOQ	<LOQ	191	µg/g	0%	< 20	
cis-Nerolidol	<LOQ	<LOQ	191	µg/g	0%	< 20	
a-Farnesene	<LOQ	<LOQ	191	µg/g	0%	< 20	
trans-Nerolidol	<LOQ	<LOQ	191	µg/g	0%	< 20	
Caryophyllene_Oxide	<LOQ	<LOQ	191	µg/g	0%	< 20	
Guaiol	<LOQ	<LOQ	191	µg/g	0%	< 20	
Cedrol	193	192	191	µg/g	1%	< 20	
a-Bisabolol	<LOQ	<LOQ	191	µg/g	0%	< 20	

Definitions

RPD Relative Percent Difference

Columbia LABORATORIES
A Tentamus Company

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

Report Number: 22-014446/D003.R000
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Laboratory Pesticide Quality Control Results

AOAC 2007.1 & EN 15662 **Units:** mg/Kg **Batch ID:** 2210196

Method Blank				Laboratory Control Sample					
Analyte	**Blank Result**	**Blank Limits**	**Notes**	**LCS Result**	**LCS Spike**	**LCS % Rec**	**Limits**		**Notes**
Abamectin	0.000	< 0.250		1.067	1.000	106.7	50.0	150	
Acephate	0.000	< 0.200		0.765	0.800	95.6	60.0	120	
Acequinocyl	0.000	< 1.000		4.080	4.000	102.0	40.0	160	
Acetamiprid	0.000	< 0.100		0.412	0.400	103.1	60.0	120	
Aldicarb	0.000	< 0.200		0.870	0.800	108.7	60.0	120	
Azoxystrobin	0.000	< 0.100		0.404	0.400	100.9	60.0	120	
Bifenazate	0.000	< 0.100		0.398	0.400	99.5	60.0	120	
Bifenthrin	0.000	< 0.100		0.408	0.400	102.1	50.0	150	
Boscalid	0.000	< 0.200		0.878	0.800	109.7	60.0	120	
Carbaryl	0.000	< 0.100		0.435	0.400	108.7	60.0	120	
Carbofuran	0.000	< 0.100		0.449	0.400	112.3	60.0	120	
Chlorantraniliprole	0.000	< 0.100		0.388	0.400	97.0	60.0	120	
Chlorfenapyr	0.000	< 0.500		1.954	2.000	97.7	60.0	120	
Chlorpyrifos	0.000	< 0.100		0.389	0.400	97.2	60.0	120	
Clofentezine	0.000	< 0.100		0.430	0.400	107.6	60.0	120	
Cyfluthrin	0.000	< 0.500		2.332	2.000	116.6	50.0	150	
Cypermethrin	0.000	< 0.500		2.009	2.000	100.4	50.0	150	
Daminozide	0.225	< 0.500		1.589	2.000	79.5	60.0	120	
Diazinon	0.000	< 0.100		0.416	0.400	104.0	60.0	120	
Dichlorvos	0.000	< 0.500		2.064	2.000	103.2	60.0	120	
Dimethoate	0.000	< 0.100		0.427	0.400	106.8	60.0	120	
Ethoprophos	0.000	< 0.100		0.432	0.400	108.1	60.0	120	
Etofenprox	0.000	< 0.200		0.817	0.800	102.2	50.0	150	
Etoxazole	0.000	< 0.100		0.409	0.400	102.2	60.0	120	
Fenoxycarb	0.000	< 0.100		0.418	0.400	104.6	60.0	120	
Fenpyroximate	0.000	< 0.200		0.809	0.800	101.1	60.0	120	
Fipronil	0.000	< 0.200		0.900	0.800	112.5	60.0	120	
Flonicamid	0.000	< 0.250		1.180	1.000	118.0	60.0	120	
Fludioxonil	0.000	< 0.200		0.852	0.800	106.5	50.0	150	
Hexythiazox	0.000	< 0.250		1.027	1.000	102.7	60.0	120	
Imazalil	0.000	< 0.100		0.400	0.400	100.1	60.0	120	
Imidacloprid	0.000	< 0.200		0.724	0.800	90.6	60.0	120	
Kresoxim-methyl	0.000	< 0.200		0.849	0.800	106.1	60.0	120	
Malathion	0.000	< 0.100		0.413	0.400	103.4	60.0	120	
Metalaxyl	0.000	< 0.100		0.421	0.400	105.3	60.0	120	
Methiocarb	0.000	< 0.100		0.425	0.400	106.4	60.0	120	
Methomyl	0.000	< 0.200		0.919	0.800	114.9	60.0	120	
MGK-264	0.000	< 0.100		0.483	0.400	120.9	50.0	150	
Myclobutanil	0.000	< 0.100		0.397	0.400	99.2	60.0	120	
Naled	0.000	< 0.250		1.050	1.000	105.0	50.0	150	
Oxamyl	0.000	< 0.500		2.050	2.000	102.5	60.0	120	
Paclobutrazole	0.000	< 0.200		0.853	0.800	106.6	60.0	120	
Parathion-Methyl	0.000	< 0.100		0.504	0.400	126.0	50.0	150	
Permethrin	0.000	< 0.100		0.428	0.400	106.9	50.0	150	
Phosmet	0.000	< 0.100		0.423	0.400	105.8	50.0	150	
Piperonyl butoxide	0.000	< 0.500		2.045	2.000	102.2	60.0	120	
Prallethrin	0.000	< 0.100		0.426	0.400	106.4	60.0	120	
Propiconazole	0.000	< 0.200		0.836	0.800	104.5	60.0	120	
Propoxur	0.000	< 0.100		0.438	0.400	109.5	60.0	120	
Pyrethrin (Summe)	0.000	< 0.100		0.512	0.488	104.9	60.0	120	
Pyridaben	0.000	< 0.100		0.406	0.400	101.6	50.0	150	
Spinosad	0.000	< 0.100		0.394	0.388	101.5	50.0	150	
Spiromesifen	0.000	< 0.100		0.416	0.400	103.9	60.0	120	
Spirotetramat	0.000	< 0.100		0.401	0.400	100.1	60.0	120	
Spiroxamine	0.000	< 0.200		0.787	0.800	98.4	60.0	120	
Tebuconazole	0.000	< 0.200		0.849	0.800	106.2	60.0	120	
Thiacloprid	0.000	< 0.100		0.400	0.400	100.1	60.0	120	
Thiamethoxam	0.000	< 0.100		0.439	0.400	109.8	60.0	120	
Trifloxystrobin	0.000	< 0.100		0.410	0.400	102.4	60.0	120	

Columbia LABORATORIES
A Tentamus Company

12423 NE Whitaker Way
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503-254-1794

Report Number: 22-014446/D003.R000
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ORELAP#: OR100028
Purchase Order: Delta 8
Received: 11/28/22 10:32

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:** 2210196

Matrix Spike/Matrix Spike Duplicate Recoveries — **Sample ID:** 22-014208-0001

Analyte	Result	MS Res	MSD Res	Spike	RPD%	Limit	MS % Rec	MSD % Rec	Limits	Notes
Abamectin	0.000	1.020	1.117	1.000	9.1%	< 30	102.0%	111.7%	50 - 150	
Acephate	0.010	0.702	0.644	0.800	8.8%	< 30	86.5%	79.2%	50 - 150	
Acequinocyl	0.000	3.851	4.092	4.000	6.1%	< 30	96.3%	102.3%	50 - 150	
Acetamiprid	0.000	0.421	0.430	0.400	2.1%	< 30	105.3%	107.5%	50 - 150	
Aldicarb	0.000	0.893	0.910	0.800	2.0%	< 30	111.6%	113.8%	50 - 150	
Azoxystrobin	0.000	0.408	0.401	0.400	1.7%	< 30	102.0%	100.3%	50 - 150	
Bifenazate	0.000	0.546	0.571	0.400	4.4%	< 30	136.6%	142.7%	50 - 150	
Bifenthrin	0.000	0.378	0.367	0.400	2.9%	< 30	94.5%	91.9%	50 - 150	
Boscalid	0.000	0.889	0.832	0.800	6.6%	< 30	111.2%	104.1%	50 - 150	
Carbaryl	0.000	0.435	0.420	0.400	3.3%	< 30	108.7%	105.1%	50 - 150	
Carbofuran	0.000	0.449	0.451	0.400	0.4%	< 30	112.3%	112.8%	50 - 150	
Chlorantraniliprole	0.000	0.403	0.403	0.400	0.0%	< 30	100.7%	100.7%	50 - 150	
Chlorfenapyr	0.000	1.874	1.805	2.000	3.7%	< 30	93.7%	90.3%	50 - 150	
Chlorpyrifos	0.000	0.388	0.361	0.400	7.1%	< 30	96.9%	90.2%	50 - 150	
Clofentezine	0.000	0.381	0.387	0.400	1.4%	< 30	95.3%	96.7%	50 - 150	
Cyfluthrin	0.109	1.384	1.246	2.000	11.5%	< 30	63.7%	56.8%	30 - 150	
Cypermethrin	0.000	0.897	0.804	2.000	11.0%	< 30	44.9%	40.2%	50 - 150	Q
Daminozide	0.299	1.880	1.847	2.000	2.1%	< 30	79.1%	77.4%	30 - 150	
Diazinon	0.000	0.373	0.386	0.400	3.3%	< 30	93.3%	96.5%	50 - 150	
Dichlorvos	0.000	2.165	2.074	2.000	4.3%	< 30	108.2%	103.7%	50 - 150	
Dimethoate	0.000	0.447	0.447	0.400	0.1%	< 30	111.7%	111.8%	50 - 150	
Ethoprophos	0.000	0.406	0.435	0.400	6.9%	< 30	101.4%	108.7%	50 - 150	
Etofenprox	0.000	0.799	0.770	0.800	3.6%	< 30	99.9%	96.3%	50 - 150	
Etoxazole	0.000	0.395	0.410	0.400	3.7%	< 30	98.8%	102.6%	50 - 150	
Fenoxycarb	0.000	0.424	0.444	0.400	4.6%	< 30	106.1%	111.0%	50 - 150	
Fenpyroximate	0.000	0.477	0.488	0.800	2.3%	< 30	59.6%	61.0%	50 - 150	
Fipronil	0.000	0.835	0.798	0.800	4.5%	< 30	104.3%	99.7%	50 - 150	
Flonicamid	0.000	1.168	1.228	1.000	5.0%	< 30	116.8%	122.8%	50 - 150	
Fludioxonil	0.000	0.954	0.989	0.800	3.6%	< 30	119.3%	123.6%	50 - 150	
Hexythiazox	0.000	1.177	1.218	1.000	3.4%	< 30	117.7%	121.8%	50 - 150	
Imazalil	0.000	0.429	0.430	0.400	0.3%	< 30	107.2%	107.5%	50 - 150	
Imidacloprid	0.000	0.734	0.759	0.800	3.4%	< 30	91.8%	94.9%	50 - 150	
Kresoxim-methyl	0.000	0.855	0.893	0.800	4.4%	< 30	106.8%	111.6%	50 - 150	
Malathion	0.000	0.423	0.440	0.400	4.1%	< 30	105.7%	110.1%	50 - 150	
Metalaxyl	0.000	0.427	0.451	0.400	5.6%	< 30	106.7%	112.8%	50 - 150	
Methiocarb	0.000	0.431	0.435	0.400	1.0%	< 30	107.6%	108.7%	50 - 150	
Methomyl	0.000	0.874	0.920	0.800	5.2%	< 30	109.2%	115.1%	50 - 150	
MGK-264	0.000	0.407	0.430	0.400	5.6%	< 30	101.7%	107.5%	50 - 150	
Myclobutanil	0.000	0.365	0.377	0.400	3.3%	< 30	91.3%	94.3%	50 - 150	
Naled	0.000	1.051	1.034	1.000	1.7%	< 30	105.1%	103.4%	50 - 150	
Oxamyl	0.000	2.325	2.539	2.000	8.8%	< 30	116.2%	127.0%	50 - 150	
Paclobutrazole	0.000	0.826	0.838	0.800	1.5%	< 30	103.3%	104.8%	50 - 150	
Parathion-Methyl	0.000	0.494	0.515	0.400	4.1%	< 30	123.6%	128.7%	30 - 150	
Permethrin	0.000	0.376	0.364	0.400	3.2%	< 30	94.0%	91.0%	50 - 150	
Phosmet	0.000	0.451	0.460	0.400	1.8%	< 30	112.9%	114.9%	50 - 150	
Piperonyl butoxide	0.000	2.171	2.285	2.000	5.1%	< 30	108.5%	114.2%	50 - 150	
Prallethrin	0.025	0.523	0.533	0.400	1.9%	< 30	124.6%	127.1%	50 - 150	
Propiconazole	0.000	1.136	1.181	0.800	3.9%	< 30	142.1%	147.7%	50 - 150	
Propoxur	0.000	0.440	0.433	0.400	1.7%	< 30	110.1%	108.2%	50 - 150	
Pyrethrin (Summe)	0.044	0.674	0.725	0.488	7.8%	< 30	129.0%	139.5%	50 - 150	
Pyridaben	0.000	0.484	0.486	0.400	0.5%	< 30	120.9%	121.6%	50 - 150	
Spinosad	0.000	0.379	0.349	0.388	8.2%	< 30	97.6%	89.9%	50 - 150	
Spiromesifen	0.000	0.445	0.434	0.400	2.6%	< 30	111.3%	108.4%	50 - 150	
Spirotetramat	0.000	0.451	0.453	0.400	0.4%	< 30	112.7%	113.2%	50 - 150	
Spiroxamine	0.000	0.835	0.870	0.800	4.1%	< 30	104.4%	108.7%	50 - 150	
Tebuconazole	0.000	0.863	0.875	0.800	1.4%	< 30	107.8%	109.3%	50 - 150	
Thiacloprid	0.000	0.426	0.433	0.400	1.6%	< 30	106.4%	108.2%	50 - 150	
Thiamethoxam	0.000	0.454	0.488	0.400	7.2%	< 30	113.5%	121.9%	50 - 150	
Trifloxystrobin	0.000	0.401	0.387	0.400	3.6%	< 30	100.2%	96.6%	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	Quantitaion 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.