Columbia LABORATORIES
A Tentamus Company

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

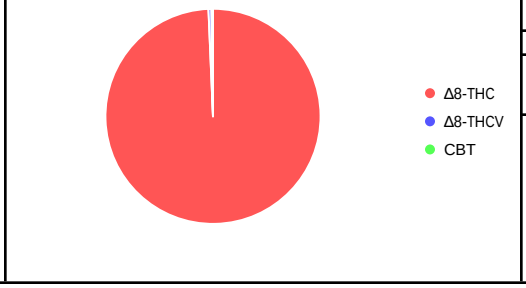
Report Number: 22-003477/D006.R000
Report Date: 04/01/2022
ORELAP#: OR100028
Purchase Order: Delta 8
Received: 03/28/22 09:45

Customer: KIK By Kalibloom
Product identity: Guava
Client/Metrc ID: .
Laboratory ID: 22-003477-0001

Summary

Potency:

Analyte	Result (%)
Δ8-THC†	84.6
Δ8-THCV	0.372
CBT†	0.200



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†	0.782	29.40%	a-pinene†	0.492	18.50%
ß-Caryophyllene†	0.450	16.92%	(-)-ß-Pinene†	0.261	9.81%
(R)-(+)-Limonene†	0.259	9.74%	Humulene†	0.101	3.80%
p-Cymene†	0.0944	3.55%	a-Bisabolol†	0.0754	2.83%
Linalool†	0.0701	2.64%	valencene†	0.0341	1.28%
Camphene†	0.0211	0.79%	(+)-fenchol†	0.0208	0.78%
Total Terpenes†	**2.66**	**100.00%**			

Metals:

Less than LOQ for all analytes.

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Received: 03/28/22 09:45

Customer: KIK By Kalibloom
United States of America (USA)

Product identity: Guava
Client/Metrc ID: .
Sample Date:
Laboratory ID: 22-003477-0001
Evidence of Cooling: No
Temp: 19.1 °C
Relinquished by: FedEx
Batch Number: 210010

Sample Results

Potency **Method** J AOAC 2015 V98-6 (mod) **Units** % **Batch:** 2202770 **Analyze:** 3/31/22 11:21:00 AM

Analyte	As Received	Dry weight	LOQ	Notes
CBC	< LOQ		0.0892	
CBC-A†	< LOQ		0.0892	
CBC-Total†	< LOQ		0.167	
CBD	< LOQ		0.0892	
CBD-A	< LOQ		0.0892	
CBD-Total	< LOQ		0.167	
CBDV†	< LOQ		0.0892	
CBDV-A†	< LOQ		0.0892	
CBDV-Total†	< LOQ		0.167	
CBE†	< LOQ		0.0892	
CBG†	< LOQ		0.0892	
CBG-A†	< LOQ		0.0892	
CBG-Total	< LOQ		0.167	
CBL†	< LOQ		0.0892	
CBL-A†	< LOQ		0.0892	
CBL-Total†	< LOQ		0.167	
CBN	< LOQ		0.0892	
CBT†	0.200		0.0892	
Δ8-THC†	84.6		0.892	
Δ8-THCV	0.372		0.0892	
Δ9-THC	< LOQ		0.0892	
THC-A	< LOQ		0.0892	
THC-Total	< LOQ		0.167	
THCV†	< LOQ		0.0892	
THCV-A†	< LOQ		0.0892	
THCV-Total†	< LOQ		0.167	
Total Cannabinoids†	85.2			

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Received: 03/28/22 09:45

Solvents **Method** Residual Solvents by GC/MS **Units** µg/g **Batch** 2202772 **Analyze** 03/31/22 11:46 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) **Units** mg/kg **Batch** 2202765 **Analyze** 03/31/22 09:25 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		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	0.200	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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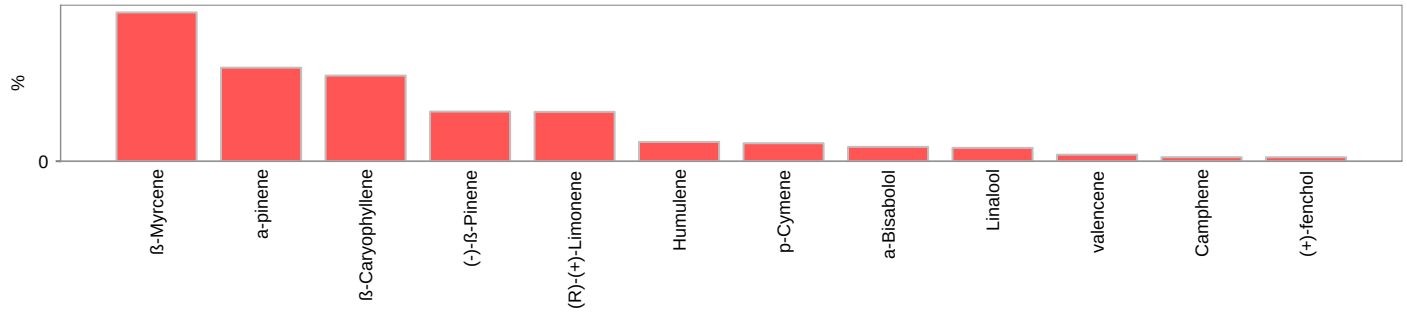
Terpenes

Method J AOAC 2015 V98-6 **Units** % **Batch** 2202746 **Analyze** 03/30/22 02:17 AM

Analyte	Result	LOQ	% of Total	Notes	Analyte	Result	LOQ	% of Total	Notes
ß-Myrcene†	0.782	0.019	29.398%		a-pinene†	0.492	0.019	18.496%	
ß-Caryophyllene†	0.450	0.019	16.917%		(-)-ß-Pinene†	0.261	0.019	9.812%	
(R)-(+)-Limonene†	0.259	0.019	9.737%		Humulene†	0.101	0.019	3.797%	
p-Cymene†	0.0944	0.019	3.5489%		a-Bisabolol†	0.0754	0.019	2.8346%	
Linalool†	0.0701	0.019	2.6353%		valencene†	0.0341	0.019	1.2820%	
Camphene†	0.0211	0.019	0.7932%		(+)-fenchol†	0.0208	0.019	0.7820%	
(-)-a-Terpineol†	< LOQ	0.019	0.00%		(-)-caryophyllene oxide†	< LOQ	0.019	0.00%	
Geraniol†	< LOQ	0.019	0.00%		nerol†	< LOQ	0.019	0.00%	
Geranyl acetate†	< LOQ	0.019	0.00%		d-3-Carene†	< LOQ	0.019	0.00%	
Terpinolene†	< LOQ	0.019	0.00%		(+)-Pulegone†	< LOQ	0.019	0.00%	
Menthol†	< LOQ	0.019	0.00%		(±)-Camphor†	< LOQ	0.019	0.00%	
Sabinene†	< LOQ	0.019	0.00%		farnesene†	< LOQ	0.019	0.00%	
(±)-fenchone†	< LOQ	0.019	0.00%		(-)-Isopulegol†	< LOQ	0.019	0.00%	
(+)-Borneol†	< LOQ	0.019	0.00%		(+)-Cedrol†	< LOQ	0.019	0.00%	
Isoborneol†	< LOQ	0.019	0.00%		(±)-cis-Nerolidol†	< LOQ	0.019	0.00%	
(-)-Guaiol†	< LOQ	0.019	0.00%		(±)-trans-Nerolidol†	< LOQ	0.019	0.00%	
a-cedrene†	< LOQ	0.019	0.00%		a-phellandrene†	< LOQ	0.019	0.00%	
a-Terpinene†	< LOQ	0.019	0.00%		cis-ß-Ocimene†	< LOQ	0.006	0.00%	
Eucalyptol†	< LOQ	0.019	0.00%		gamma-Terpinene†	< LOQ	0.019	0.00%	
Sabinene hydrate†	< LOQ	0.019	0.00%		trans-ß-Ocimene†	< LOQ	0.012	0.00%	
Total Terpenes	**2.66**								



Metals

Analyte	Result	Limits	Units	LOQ	Batch	Analyze	Method	Status	Notes
Arsenic	< LOQ	0.200	mg/kg	0.0959	2202780	03/31/22	AOAC 2013.06 (mod.)	pass	X
Cadmium	< LOQ	0.200	mg/kg	0.0959	2202780	03/31/22	AOAC 2013.06 (mod.)	pass	X
Lead	< LOQ	0.500	mg/kg	0.0959	2202780	03/31/22	AOAC 2013.06 (mod.)	pass	X
Mercury	< LOQ	0.100	mg/kg	0.0480	2202780	03/31/22	AOAC 2013.06 (mod.)	pass	X

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These test results are representative of the individual sample selected and submitted by the client.

Abbreviations

Limits: Action Levels per OAR-333-007-0400, OAR-333-007-0210, OAR-333-007-0220, CCR title 16-division 42. BCC-section 5723

Limit(s) of Quantitation (LOQ): The minimum levels, concentrations, or quantities of a target variable (e.g., target analyte) that can be reported with a specified degree of confidence.

† = Analyte not NELAP accredited.

Units of Measure

µg/g = Microgram per gram

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

% = Percentage of sample

% wt = µg/g divided by 10,000

Glossary of Qualifiers

X: Not ORELAP accredited.

Approved Signatory

Derrick Tanner
General Manager

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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: 3315 E Russel Rd STE#ALL #346
City: Las Vegas State: NV Zip: 89120
☐ Email Results: kalibloomworldwide@gmail
Ph: (___)_____ ☐ Fx Results: (___)_____
Billing (if different):_____

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	Potency	Metals	Solvents	Pesticides	Terpene	Sample Type †	Weight (Units)	Comments/Metrc ID
	Guava			X	X	X	X	X			Batch number 210010
	Icecream cake			X	X	X	X	X			
	Sour Diesel Sauce			X	X	X	X	X			
	Paris OG			X	X	X	X	X			
	Gelato 41			X	X	X	X	X			
	Master Kush			X	X	X	X	X			

Relinquished By:	Date	Time	Received By:	Date	Time	Lab Use Only:
			AC	3-28	9:45	☑ Shipped Via: Fedex or ☐ Client drop Evidence of cooling: ☐ Yes | ☑ No - Temp (°C): 19.1 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

12423 NE Whitaker Way
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info@columbialaboratories.com

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Columbia LABORATORIES
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Job Number: _____ Search Name: _____

Package/Cooler opened on (if different than received date/time) Date: _____ Time: _____

Received By (Initials): AC Logged in by (Initials): _____ Date: 3-28 Time: 9:45

1) Were custody seals on outside of the package/cooler? YES (NO) NA
If YES, how many and where? _____

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): 2712 9089 4394

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: _____ 19.1
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: _____

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

Terpenes Quality Control Results

Method Reference: EPA 5035 **Batch ID:** 2202746

	Method Blank				Laboratory Control Sample					
Analyte	**Result**	**LOQ**		**Notes**	**Result**	**LCS**	**Units**	**LCS % Rec**	**Limits**	**Notes**
a-pinene	<LOQ	<	200		487	500	µg/g	***97%***	70 - 130	
Camphene	<LOQ	<	200		518	500	µg/g	***104%***	70 - 130	
Sabinene	<LOQ	<	200		507	500	µg/g	***101%***	70 - 130	
b-Pinene	<LOQ	<	200		541	500	µg/g	***108%***	70 - 130	
b-Myrcene	<LOQ	<	200		517	500	µg/g	***103%***	70 - 130	
a-phelllandrene	<LOQ	<	200		506	500	µg/g	***101%***	70 - 130	
d-3-Carene	<LOQ	<	200		531	500	µg/g	***106%***	70 - 130	
a-Terpinene	<LOQ	<	200		515	500	µg/g	***103%***	70 - 130	
p-Cymene	<LOQ	<	200		496	500	µg/g	***99%***	70 - 130	
D-Limonene	<LOQ	<	200		499	500	µg/g	***100%***	70 - 130	
Eucalyptol	<LOQ	<	200		514	500	µg/g	***103%***	70 - 130	
b-cis-Ocimene	<LOQ	<	67		147	167	µg/g	***88%***	70 - 130	
b-trans-Ocimene	<LOQ	<	133		289	333	µg/g	***87%***	70 - 130	
g-Terpinene	<LOQ	<	200		505	500	µg/g	***101%***	70 - 130	
Sabinene_Hydrate	<LOQ	<	200		510	500	µg/g	***102%***	70 - 130	
Terpinolene	<LOQ	<	200		495	500	µg/g	***99%***	70 - 130	
D-Fenchone	<LOQ	<	200		526	500	µg/g	***105%***	70 - 130	
Linalool	<LOQ	<	200		442	500	µg/g	***88%***	70 - 130	
Fenchol	<LOQ	<	200		501	500	µg/g	***100%***	70 - 130	
Camphor	<LOQ	<	200		527	500	µg/g	***105%***	70 - 130	
Isopulego	<LOQ	<	200		525	500	µg/g	***105%***	70 - 130	
Isoborneol	<LOQ	<	200		539	500	µg/g	***108%***	70 - 130	
Borneol	<LOQ	<	200		504	500	µg/g	***101%***	70 - 130	
DL-Menthol	<LOQ	<	200		533	500	µg/g	***107%***	70 - 130	
Terpineol	<LOQ	<	200		474	500	µg/g	***95%***	70 - 130	
Nerol	<LOQ	<	200		458	500	µg/g	***92%***	70 - 130	
Pulegone	<LOQ	<	200		514	500	µg/g	***103%***	70 - 130	
Gereniol	<LOQ	<	200		457	500	µg/g	***91%***	70 - 130	
Geranyl_Acetate	<LOQ	<	200		529	500	µg/g	***106%***	70 - 130	
a-Cedrene	<LOQ	<	200		519	500	µg/g	***104%***	70 - 130	
b-Caryophyllene	<LOQ	<	200		538	500	µg/g	***108%***	70 - 130	
a-Humulene	<LOQ	<	200		531	500	µg/g	***106%***	70 - 130	
Valenene	<LOQ	<	200		530	500	µg/g	***106%***	70 - 130	
cis-Nerolidol	<LOQ	<	200		533	500	µg/g	***107%***	70 - 130	
a-Farnesene	<LOQ	<	200		522	500	µg/g	***104%***	70 - 130	
trans-Nerolidol	<LOQ	<	200		511	500	µg/g	***102%***	70 - 130	
Caryophyllene_Oxide	<LOQ	<	200		542	500	µg/g	***108%***	70 - 130	
Guaiol	<LOQ	<	200		547	500	µg/g	***109%***	70 - 130	
Cedrol	<LOQ	<	200		576	500	µg/g	***115%***	70 - 130	
a-Bisabolol	<LOQ	<	200		555	500	µg/g	***111%***	70 - 130	

Definitions

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

Columbia LABORATORIES
A Tentamus Company

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

Report Number: 22-003477/D006.R000
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Terpenes Quality Control Results

Method Reference: EPA 5035 **Batch ID:** 2202746

Sample/Sample Duplicate **Sample ID: 22-003454-0001**

Analyte	Result	Org. Result	LOQ	Units	% RPD	LIMIT	Notes
a-pinene	<LOQ	<LOQ	187	µg/g	0%	< 20	
Camphene	<LOQ	<LOQ	187	µg/g	0%	< 20	
Sabinene	<LOQ	<LOQ	187	µg/g	0%	< 20	
b-Pinene	<LOQ	<LOQ	187	µg/g	0%	< 20	
b-Myrcene	544	534	187	µg/g	2%	< 20	
a-phelllandrene	<LOQ	<LOQ	187	µg/g	0%	< 20	
d-3-Carene	<LOQ	<LOQ	187	µg/g	0%	< 20	
a-Terpinene	<LOQ	<LOQ	187	µg/g	0%	< 20	
p-Cymene	<LOQ	<LOQ	187	µg/g	0%	< 20	
D-Limonene	360	355	187	µg/g	1%	< 20	
Eucalyptol	194	187	187	µg/g	4%	< 20	
b-cis-Ocimene	<LOQ	<LOQ	62.4	µg/g	0%	< 20	
b-trans-Ocimene	<LOQ	<LOQ	125	µg/g	0%	< 20	
g-Terpinene	<LOQ	<LOQ	187	µg/g	0%	< 20	
Sabinene_Hydrate	262	264	187	µg/g	1%	< 20	
Terpinolene	207	232	187	µg/g	11%	< 20	
D-Fenchone	268	256	187	µg/g	5%	< 20	
Linalool	5790	5810	187	µg/g	0%	< 20	
Fenchol	2360	2380	187	µg/g	1%	< 20	
Camphor	203	210	187	µg/g	3%	< 20	
Isopulego	<LOQ	<LOQ	187	µg/g	0%	< 20	
Isoborneol	<LOQ	<LOQ	187	µg/g	0%	< 20	
Borneol	1360	1360	187	µg/g	0%	< 20	
DL-Menthol	<LOQ	<LOQ	187	µg/g	0%	< 20	
Terpineol	3330	3370	187	µg/g	1%	< 20	
Nerol	<LOQ	<LOQ	187	µg/g	0%	< 20	
Pulegone	<LOQ	<LOQ	187	µg/g	0%	< 20	
Gereniol	<LOQ	<LOQ	187	µg/g	0%	< 20	
Geranyl_Acetate	249	249	187	µg/g	0%	< 20	
a-Cedrene	<LOQ	<LOQ	187	µg/g	0%	< 20	
b-Caryophyllene	55500	54500	187	µg/g	2%	< 20	
a-Humulene	27200	27700	187	µg/g	2%	< 20	
Valenene	<LOQ	<LOQ	187	µg/g	0%	< 20	
cis-Nerolidol	<LOQ	<LOQ	187	µg/g	0%	< 20	
a-Farnesene	48400	47600	187	µg/g	2%	< 20	
trans-Nerolidol	6670	6260	187	µg/g	6%	< 20	
Caryophyllene_Oxide	13400	13400	187	µg/g	0%	< 20	
Guaiol	21300	21500	187	µg/g	1%	< 20	
Cedrol	<LOQ	<LOQ	187	µg/g	0%	< 20	
a-Bisabolol	37300	37200	187	µg/g	0%	< 20	

Definitions

RPD Relative Percent Difference

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Laboratory Pesticide Quality Control Results

AOAC 2007.1 & EN 15662 | **Units:** mg/Kg | **Batch ID:** 2202765

Method Blank				Laboratory Control Sample				
Analyte	**Blank Result**	**Blank Limits**	**Notes**	**LCS Result**	**LCS Spike**	**LCS % Rec**	**Limits**	**Notes**
Abamectin	0.000	< 0.250		1.749	1.000	***174.9***	82.1 - 115	Q1
Acephate	0.000	< 0.250		1.029	1.000	102.9	67.5 - 125	
Acequinocyl	0.000	< 1.000		3.551	4.000	88.8	87.5 - 107	
Acetamiprid	0.000	< 0.100		0.407	0.400	101.7	86.4 - 109	
Aldicarb	0.000	< 0.200		0.803	0.800	100.4	76.3 - 142	
Azoxystrobin	0.000	< 0.100		0.405	0.400	101.3	76.5 - 117	
Bifenazate	0.000	< 0.100		0.412	0.400	102.9	72.4 - 134	
Bifenthrin	0.000	< 0.100		0.396	0.400	99.1	75.5 - 115	
Boscalid	0.000	< 0.200		0.783	0.800	97.9	77.7 - 118	
Carbaryl	0.000	< 0.100		0.410	0.400	102.5	87.4 - 105	
Carbofuran	0.000	< 0.100		0.392	0.400	98.1	88.1 - 107	
Chlorantraniliprole	0.000	< 0.100		0.388	0.400	96.9	85.4 - 111	
Chlorfenapyr	0.000	< 0.500		2.142	2.000	107.1	71.3 - 129	
Chlorpyrifos	0.000	< 0.100		0.409	0.400	102.1	79.8 - 109	
Clofentezine	0.000	< 0.100		0.401	0.400	100.3	84.1 - 107	
Cyfluthrin	0.000	< 0.500		1.965	2.000	98.2	76.5 - 119	
Cypermethrin	0.000	< 0.500		2.049	2.000	102.4	86.2 - 108	
Daminozide	0.000	< 0.500		1.247	2.000	***62.3***	68.3 - 127	Q6
Diazinon	0.000	< 0.100		0.407	0.400	101.8	86.4 - 110	
Dichlorvos	0.000	< 0.500		1.989	2.000	99.4	82.1 - 108	
Dimethoate	0.000	< 0.100		0.413	0.400	103.3	87.2 - 105	
Ethoprophos	0.000	< 0.100		0.400	0.400	99.9	83.0 - 109	
Etofenprox	0.000	< 0.200		0.762	0.800	95.2	72.7 - 119	
Etoxazole	0.000	< 0.100		0.414	0.400	103.6	79.7 - 118	
Fenoxycarb	0.000	< 0.100		0.410	0.400	102.5	87.9 - 107	
Fenpyroximate	0.000	< 0.200		0.826	0.800	103.3	84.1 - 108	
Fipronil	0.000	< 0.200		0.835	0.800	104.4	88.0 - 110	
Flonicamid	0.000	< 0.250		0.969	1.000	96.9	69.8 - 120	
Fludioxonil	0.000	< 0.200		0.772	0.800	96.5	81.7 - 116	
Hexythiazox	0.000	< 0.250		1.018	1.000	101.8	81.0 - 112	
Imazalil	0.000	< 0.100		0.414	0.400	103.5	80.9 - 116	
Imidacloprid	0.000	< 0.200		0.810	0.800	101.2	80.6 - 111	
Kresoxim-methyl	0.000	< 0.200		0.832	0.800	104.0	84.3 - 111	
Malathion	0.000	< 0.100		0.409	0.400	102.3	83.1 - 112	
Metalaxyl	0.000	< 0.100		0.412	0.400	103.0	86.7 - 105	
Methiocarb	0.000	< 0.100		0.404	0.400	101.0	82.2 - 112	
Methomyl	0.000	< 0.200		0.684	0.800	85.5	70.3 - 116	
MGK-264	0.000	< 0.100		0.424	0.400	106.1	83.4 - 110	
Myclobutanil	0.000	< 0.100		0.412	0.400	102.9	86.4 - 109	
Naled	0.000	< 0.250		1.033	1.000	103.3	86.5 - 104	
Oxamyl	0.000	< 0.500		1.853	2.000	92.7	76.2 - 112	
Paclobutrazole	0.000	< 0.200		0.793	0.800	99.1	89.2 - 105	
Parathion-Methyl	0.000	< 0.200		0.824	0.800	103.0	71.0 - 132	
Permethrin	0.000	< 0.100		0.398	0.400	99.4	85.1 - 108	
Phosmet	0.000	< 0.100		0.406	0.400	101.4	82.7 - 112	
Piperonyl butoxide	0.000	< 0.500		2.308	2.000	115.4	72.3 - 134	
Prallethrin	0.000	< 0.100		0.404	0.400	100.9	84.9 - 110	
Propiconazole	0.000	< 0.200		0.840	0.800	105.0	87.4 - 108	
Propoxur	0.000	< 0.100		0.407	0.400	101.8	88.0 - 104	
Pyrethrin (Summe)	0.000	< 0.100		0.406	0.413	98.2	76.0 - 121	
Pyridaben	0.000	< 0.100		0.414	0.400	103.4	80.6 - 118	
Spinosad	0.000	< 0.100		0.398	0.388	102.6	76.9 - 125	
Spiromesifen	0.000	< 0.100		0.437	0.400	109.3	79.9 - 125	
Spirotetramat	0.000	< 0.100		0.420	0.400	104.9	88.2 - 108	
Spiroxamine	0.000	< 0.200		0.827	0.800	103.4	83.2 - 106	
Tebuconazole	0.000	< 0.200		0.848	0.800	106.0	87.0 - 109	
Thiacloprid	0.000	< 0.100		0.409	0.400	102.3	87.5 - 105	
Thiamethoxam	0.000	< 0.100		0.366	0.400	91.5	67.6 - 121	
Trifloxystrobin	0.000	< 0.100		0.411	0.400	102.8	83.6 - 108	

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Laboratory Pesticide Quality Control Results

AOAC 2007.1 & EN 15662			Units: mg/Kg					Batch ID: 2202765			
Matrix Spike/Matrix Spike Duplicate Recoveries							Sample ID: 22-003104-0001				
Analyte	Result	MS Res	MSD Res	Spike	RPD%	Limit	MS % Rec	MSD % Rec	Limits		Notes
Abamectin	0.000	1.862	1.803	1.000	3.2%	< 30	186.2%	180.3%	50 - 150		Q
Acephate	0.002	1.008	1.030	1.000	2.1%	< 30	100.7%	102.8%	50 - 150		
Acequinocyl	0.000	1.987	2.514	4.000	23.4%	< 30	49.7%	62.8%	50 - 150		Q
Acetamiprid	0.000	0.403	0.408	0.400	1.3%	< 30	100.7%	102.1%	50 - 150		
Aldicarb	0.000	0.822	0.807	0.800	1.8%	< 30	102.8%	100.9%	50 - 150		
Azoxystrobin	0.000	0.364	0.381	0.400	4.4%	< 30	91.1%	95.1%	50 - 150		
Bifenazate	0.000	0.473	0.476	0.400	0.6%	< 30	118.2%	118.9%	50 - 150		
Bifenthrin	0.000	0.333	0.352	0.400	5.6%	< 30	83.2%	88.0%	50 - 150		
Boscalid	0.000	0.836	0.782	0.800	6.8%	< 30	104.5%	97.7%	50 - 150		
Carbaryl	0.000	0.406	0.409	0.400	0.9%	< 30	101.5%	102.4%	50 - 150		
Carbofuran	0.000	0.401	0.393	0.400	1.9%	< 30	100.2%	98.3%	50 - 150		
Chlorantraniliprole	0.000	0.395	0.403	0.400	2.0%	< 30	98.9%	100.9%	50 - 150		
Chlorfenapyr	0.000	2.378	2.216	2.000	7.0%	< 30	118.9%	110.8%	50 - 150		
Chlorpyrifos	0.000	0.438	0.397	0.400	9.8%	< 30	109.5%	99.3%	50 - 150		
Clofentezine	0.000	0.415	0.433	0.400	4.3%	< 30	103.7%	108.3%	50 - 150		
Cyfluthrin	0.000	1.364	1.446	2.000	5.8%	< 30	68.2%	72.3%	30 - 150		
Cypermethrin	0.000	1.265	1.317	2.000	4.0%	< 30	63.2%	65.8%	50 - 150		
Daminozide	0.133	2.327	2.327	2.000	0.0%	< 30	109.7%	109.7%	30 - 150		
Diazinon	0.000	0.419	0.416	0.400	0.7%	< 30	104.7%	104.0%	50 - 150		
Dichlorvos	0.000	2.032	1.945	2.000	4.4%	< 30	101.6%	97.2%	50 - 150		
Dimethoate	0.000	0.410	0.409	0.400	0.1%	< 30	102.4%	102.3%	50 - 150		
Ethoprophos	0.000	0.382	0.389	0.400	1.9%	< 30	95.5%	97.4%	50 - 150		
Etofenprox	0.000	0.562	0.578	0.800	2.9%	< 30	70.2%	72.3%	50 - 150		
Etoxazole	0.000	0.401	0.400	0.400	0.1%	< 30	100.2%	100.0%	50 - 150		
Fenoxycarb	0.000	0.408	0.427	0.400	4.5%	< 30	102.0%	106.6%	50 - 150		
Fenpyroximate	0.000	0.513	0.528	0.800	2.9%	< 30	64.1%	66.0%	50 - 150		
Fipronil	0.000	0.842	0.865	0.800	2.7%	< 30	105.3%	108.2%	50 - 150		
Flonicamid	0.000	1.077	1.039	1.000	3.6%	< 30	107.7%	103.9%	50 - 150		
Fludioxonil	0.000	0.851	0.859	0.800	1.0%	< 30	106.3%	107.3%	50 - 150		
Hexythiazox	0.000	1.134	1.157	1.000	2.1%	< 30	113.4%	115.7%	50 - 150		
Imazalil	0.000	0.401	0.410	0.400	2.2%	< 30	100.4%	102.6%	50 - 150		
Imidacloprid	0.000	0.837	0.826	0.800	1.4%	< 30	104.7%	103.2%	50 - 150		
Kresoxim-methyl	0.000	0.865	0.884	0.800	2.2%	< 30	108.1%	110.5%	50 - 150		
Malathion	0.000	0.414	0.426	0.400	2.7%	< 30	103.6%	106.4%	50 - 150		
Metalaxyl	0.000	0.408	0.407	0.400	0.4%	< 30	102.0%	101.7%	50 - 150		
Methiocarb	0.000	0.409	0.411	0.400	0.6%	< 30	102.2%	102.9%	50 - 150		
Methomyl	0.000	0.733	0.705	0.800	3.9%	< 30	91.7%	88.1%	50 - 150		
MGK-264	0.000	0.459	0.467	0.400	1.7%	< 30	114.8%	116.8%	50 - 150		
Myclobutanil	0.000	0.402	0.375	0.400	6.9%	< 30	100.4%	93.7%	50 - 150		
Naled	0.000	1.014	1.025	1.000	1.1%	< 30	101.4%	102.5%	50 - 150		
Oxamyl	0.000	1.504	1.939	2.000	25.3%	< 30	75.2%	97.0%	50 - 150		
Paclobutrazole	0.000	0.812	0.830	0.800	2.2%	< 30	101.5%	103.8%	50 - 150		
Parathion-Methyl	0.000	0.774	0.677	0.800	13.4%	< 30	96.8%	84.6%	30 - 150		
Permethrin	0.000	0.361	0.373	0.400	3.4%	< 30	90.1%	93.3%	50 - 150		
Phosmet	0.000	0.409	0.422	0.400	3.2%	< 30	102.3%	105.6%	50 - 150		
Piperonyl butoxide	0.000	2.509	2.412	2.000	4.0%	< 30	125.5%	120.6%	50 - 150		
Prallethrin	0.070	0.456	0.448	0.400	2.1%	< 30	96.5%	94.5%	50 - 150		
Propiconazole	0.000	0.949	0.944	0.800	0.5%	< 30	118.6%	118.0%	50 - 150		
Propoxur	0.000	0.411	0.406	0.400	1.4%	< 30	102.8%	101.4%	50 - 150		
Pyrethrin (Summe)	0.084	0.471	0.506	0.413	8.6%	< 30	93.8%	102.2%	50 - 150		
Pyridaben	0.000	0.418	0.424	0.400	1.6%	< 30	104.4%	106.1%	50 - 150		
Spinosad	0.000	0.449	0.453	0.388	0.9%	< 30	115.8%	116.9%	50 - 150		
Spiromesifen	0.000	0.336	0.354	0.400	5.1%	< 30	84.0%	88.4%	50 - 150		
Spirotetramat	0.000	0.430	0.444	0.400	3.2%	< 30	107.5%	111.0%	50 - 150		
Spiroxamine	0.000	0.852	0.876	0.800	2.8%	< 30	106.5%	109.4%	50 - 150		
Tebuconazole	0.000	0.833	0.841	0.800	0.9%	< 30	104.1%	105.1%	50 - 150		
Thiacloprid	0.000	0.399	0.403	0.400	0.9%	< 30	99.8%	100.7%	50 - 150		
Thiamethoxam	0.000	0.359	0.391	0.400	8.5%	< 30	89.8%	97.8%	50 - 150		
Trifloxystrobin	0.000	0.460	0.459	0.400	0.2%	< 30	115.0%	114.8%	50 - 150		

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Laboratory Quality Control Results

J AOAC 2015 V98-6 **Batch ID: 2202770**

Laboratory Control Sample

Analyte	Result	Spike	Units	% Rec	Limits	Evaluation	Notes
CBDVA	0.103	0.100	%	103	80.0 - 120	Acceptable	
CBDV	0.127	0.100	%	127	80.0 - 120	Acceptable	Q6
CBE	0.0990	0.100	%	99.0	80.0 - 120	Acceptable	
CBDA	0.105	0.100	%	105	80.0 - 120	Acceptable	
CBGA	0.102	0.100	%	102	80.0 - 120	Acceptable	
CBG	0.104	0.100	%	104	80.0 - 120	Acceptable	
CBD	0.0988	0.100	%	98.8	80.0 - 120	Acceptable	
THCV	0.102	0.100	%	102	80.0 - 120	Acceptable	
d8THCV	0.101	0.100	%	101	80.0 - 120	Acceptable	
THCVA	0.101	0.100	%	101	80.0 - 120	Acceptable	
CBN	0.102	0.100	%	102	80.0 - 120	Acceptable	
exo-THC	0.0931	0.100	%	93.1	80.0 - 120	Acceptable	
d9THC	0.0988	0.100	%	98.8	80.0 - 120	Acceptable	
d8THC	0.102	0.100	%	102	80.0 - 120	Acceptable	
CBL	0.0969	0.100	%	96.9	80.0 - 120	Acceptable	
CBC	0.105	0.100	%	105	80.0 - 120	Acceptable	
THCA	0.0978	0.100	%	97.8	80.0 - 120	Acceptable	
CBCA	0.105	0.100	%	105	80.0 - 120	Acceptable	
CBLA	0.0981	0.100	%	98.1	80.0 - 120	Acceptable	
CBT	0.0906	0.100	%	90.6	80.0 - 120	Acceptable	

Method Blank

Analyte	Result	LOQ	Units	Limits	Evaluation	Notes
CBDVA	< LOQ	0.1	%	< 0.1	Acceptable	
CBDV	< LOQ	0.1	%	< 0.1	Acceptable	
CBE	< LOQ	0.1	%	< 0.1	Acceptable	
CBDA	< LOQ	0.1	%	< 0.1	Acceptable	
CBGA	< LOQ	0.1	%	< 0.1	Acceptable	
CBG	< LOQ	0.1	%	< 0.1	Acceptable	
CBD	< LOQ	0.1	%	< 0.1	Acceptable	
THCV	< LOQ	0.1	%	< 0.1	Acceptable	
d8THCV	< LOQ	0.1	%	< 0.1	Acceptable	
THCVA	< LOQ	0.1	%	< 0.1	Acceptable	
CBN	< LOQ	0.1	%	< 0.1	Acceptable	
exo-THC	< LOQ	0.1	%	< 0.1	Acceptable	
d9THC	< LOQ	0.1	%	< 0.1	Acceptable	
d8THC	< LOQ	0.1	%	< 0.1	Acceptable	
CBL	< LOQ	0.1	%	< 0.1	Acceptable	
CBC	< LOQ	0.1	%	< 0.1	Acceptable	
THCA	< LOQ	0.1	%	< 0.1	Acceptable	
CBCA	< LOQ	0.1	%	< 0.1	Acceptable	
CBLA	< LOQ	0.1	%	< 0.1	Acceptable	
CBT	< LOQ	0.1	%	< 0.1	Acceptable	

Abbreviations

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

Units of Measure:

% - Percent

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Laboratory Quality Control Results

J AOAC 2015 V98-6 **Batch ID: 2202770**

Sample Duplicate Sample ID: **22-003426-0001**

Analyte	Result	Org. Result	LOQ	Units	RPD	Limits	Evaluation	Notes
CBDVA	< LOQ	< LOQ	0.1	%	NA	< 20	Acceptable	
CBDV	0.215	0.218	0.1	%	1.01	< 20	Acceptable	
CBE	< LOQ	< LOQ	0.1	%	NA	< 20	Acceptable	
CBDA	1.35	1.37	0.1	%	1.71	< 20	Acceptable	
CBGA	< LOQ	< LOQ	0.1	%	NA	< 20	Acceptable	
CBG	1.22	1.24	0.1	%	2.03	< 20	Acceptable	
CBD	59.2	60.7	0.1	%	2.52	< 20	Acceptable	
THCV	< LOQ	< LOQ	0.1	%	NA	< 20	Acceptable	
d8THCV	< LOQ	< LOQ	0.1	%	NA	< 20	Acceptable	
THCVA	< LOQ	< LOQ	0.1	%	NA	< 20	Acceptable	
CBN	0.119	0.120	0.1	%	1.25	< 20	Acceptable	
exo-THC	< LOQ	< LOQ	0.1	%	NA	< 20	Acceptable	
d9THC	2.74	2.77	0.1	%	1.20	< 20	Acceptable	
d8THC	< LOQ	< LOQ	0.1	%	NA	< 20	Acceptable	
CBL	< LOQ	< LOQ	0.1	%	NA	< 20	Acceptable	
CBC	2.27	2.31	0.1	%	1.71	< 20	Acceptable	
THCA	< LOQ	< LOQ	0.1	%	NA	< 20	Acceptable	
CBCA	< LOQ	< LOQ	0.1	%	NA	< 20	Acceptable	
CBLA	< LOQ	< LOQ	0.1	%	NA	< 20	Acceptable	
CBT	0.824	0.837	0.1	%	1.63	< 20	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

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

Report Number: 22-003477/D006.R000
Report Date: 04/01/2022
ORELAP#: OR100028
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Laboratory Quality Control Results

Residual Solvents **Batch ID:** 2202772

Method Blank					Laboratory Control Sample							
Analyte	**Result**		**LOQ**	**Notes**	**Result**	**Spike**	**Units**	**% Rec**	**Limits**			**Notes**
Propane	ND	<	200		519	572	µg/g	90.7	60	-	120	
Isobutane	ND	<	200		550	731	µg/g	75.2	60	-	120	
Butane	ND	<	200		540	731	µg/g	73.9	60	-	120	
2,2-Dimethylpropane	ND	<	200		931	936	µg/g	99.5	60	-	120	
Methanol	ND	<	200		1570	1620	µg/g	96.9	60	-	120	
Ethylene Oxide	ND	<	30		45.8	56.2	µg/g	81.5	60	-	120	
2-Methylbutane	ND	<	200		1630	1620	µg/g	100.6	60	-	120	
Pentane	ND	<	200		1620	1610	µg/g	100.6	60	-	120	
Ethanol	ND	<	200		1710	1630	µg/g	104.9	70	-	130	
Ethyl Ether	ND	<	200		1540	1620	µg/g	95.1	60	-	120	
2,2-Dimethylbutane	ND	<	30		154	174	µg/g	88.5	60	-	120	
Acetone	ND	<	200		1540	1650	µg/g	93.3	60	-	120	
2-Propanol	ND	<	200		1530	1610	µg/g	95.0	60	-	120	
Ethyl Formate	ND	<	500		1560	1600	µg/g	97.5	70	-	130	
Acetonitrile	ND	<	100		516	498	µg/g	103.6	60	-	120	
Methyl Acetate	ND	<	500		1540	1610	µg/g	95.7	70	-	130	
2,3-Dimethylbutane	ND	<	30		149	176	µg/g	84.7	60	-	120	
Dichloromethane	ND	<	60		493	510	µg/g	96.7	60	-	120	
2-Methylpentane	ND	<	30		176	176	µg/g	100.0	60	-	120	
MTBE	ND	<	500		1610	1600	µg/g	100.6	70	-	130	
3-Methylpentane	ND	<	30		176	175	µg/g	100.6	60	-	120	
Hexane	ND	<	30		175	177	µg/g	98.9	60	-	120	
1-Propanol	ND	<	500		1510	1610	µg/g	93.8	70	-	130	
Methylethylketone	ND	<	500		1510	1600	µg/g	94.4	70	-	130	
Ethyl acetate	ND	<	200		1630	1630	µg/g	100.0	60	-	120	
2-Butanol	ND	<	200		1560	1620	µg/g	96.3	60	-	120	
Tetrahydrofuran	ND	<	100		505	500	µg/g	101.0	60	-	120	
Cyclohexane	ND	<	200		1540	1620	µg/g	95.1	60	-	120	
2-methyl-1-propanol	ND	<	500		1500	1620	µg/g	92.6	70	-	130	
Benzene	ND	<	1		5.29	5.32	µg/g	99.4	60	-	120	
Isopropyl Acetate	ND	<	200		1650	1620	µg/g	101.9	60	-	120	
Heptane	ND	<	200		1660	1770	µg/g	93.8	60	-	120	
1-Butanol	ND	<	500		1460	1600	µg/g	91.3	70	-	130	
Propyl Acetate	ND	<	500		1470	1600	µg/g	91.9	70	-	130	
1,4-Dioxane	ND	<	100		486	504	µg/g	96.4	60	-	120	
2-Ethoxyethanol	ND	<	30		190	181	µg/g	105.0	60	-	120	
Methylisobutylketone	ND	<	500		1560	1610	µg/g	96.9	70	-	130	
3-Methyl-1-butanol	ND	<	500		1530	1610	µg/g	95.0	70	-	130	
Ethylene Glycol	ND	<	200		515	494	µg/g	104.3	60	-	120	
Toluene	ND	<	200		508	491	µg/g	103.5	60	-	120	
Isobutyl Acetate	ND	<	500		1500	1600	µg/g	93.8	70	-	130	
1-Pentanol	ND	<	500		1460	1610	µg/g	90.7	70	-	130	
Butyl Acetate	ND	<	500		1410	1610	µg/g	87.6	70	-	130	
Ethylbenzene	ND	<	200		1020	973	µg/g	104.8	60	-	120	
m,p-Xylene	ND	<	200		998	996	µg/g	100.2	60	-	120	
o-Xylene	ND	<	200		1070	973	µg/g	110.0	60	-	120	
Cumene	ND	<	30		191	170	µg/g	112.4	60	-	120	
Anisole	ND	<	500		1600	1610	µg/g	99.4	70	-	130	
DMSO	ND	<	500		1660	1630	µg/g	101.8	70	-	130	
1,2-dimethoxyethane	ND	<	50		164	164	µg/g	100.0	70	-	130	
Triethylamine	ND	<	500		1410	1600	µg/g	88.1	70	-	130	
N,N-dimethylformamide	ND	<	150		472	497	µg/g	95.0	70	-	130	
N,N-dimethylacetamide	ND	<	150		501	498	µg/g	100.6	70	-	130	
Pyridine	ND	<	50		174	180	µg/g	96.7	70	-	130	
1,2-Dichloroethane	ND	<	1		1.16	1	µg/g	116.0	70	-	130	
Chloroform	ND	<	1		1.13	1	µg/g	113.0	70	-	130	
Trichloroethylene	ND	<	1		1.13	1	µg/g	113.0	70	-	130	

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QC - Sample Duplicate **Sample ID: 22-003104-0001**

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	200	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	
1,2-Dichloroethane	ND	ND	1	µg/g	0.0	< 20	Acceptable	
Chloroform	ND	ND	1	µg/g	0.0	< 20	Acceptable	
Trichloroethylene	ND	ND	1	µg/g	0.0	< 20	Acceptable	

Abbreviations

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

Units of Measure:

µg/g- Microgram per gram or ppm

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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.