Columbia LABORATORIES
A Tentamus Company

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

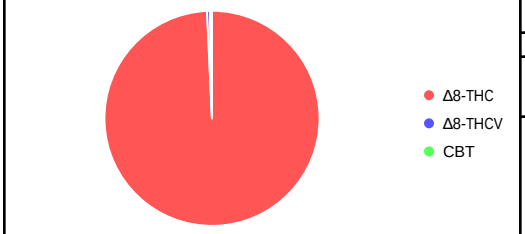
Report Number: 22-000807/D005.R000
Report Date: 02/02/2022
ORELAP#: OR100028
Purchase Order: 210020
Received: 01/21/22 15:08

Customer: KIK By Kalibloom
Product identity: Maui Wowie
Project Number: 210020
Client/Metrc ID: .
Laboratory ID: 22-000807-0023

Summary

Potency:

Analyte	Result (%)
Δ8-THC†	90.7
Δ8-THCV	0.417
CBT†	0.257



CBD-Total	<LOQ
THC-Total	<LOQ

(Reported in percent of total sample)

Residual Solvents:

Analyte	Result (µg/g)	Limits (µg/g)	Status
2-Propanol (IPA)	471	5000	pass

Pesticides:

All analytes passing and less than LOQ.

Terpenes:

Analyte	Percent by weight	Percent of Total	Analyte	Percent by weight	Percent of Total
ß-Caryophyllene†	0.612	24.88%	ß-Myrcene†	0.447	18.17%
(R)-(+)-Limonene†	0.422	17.15%	a-pinene†	0.185	7.52%
(-)-ß-Pinene†	0.145	5.89%	a-Bisabolol†	0.129	5.24%
Linalool†	0.101	4.11%	p-Cymene†	0.0940	3.82%
valencene†	0.0809	3.29%	cis-ß-Ocimene†	0.0760	3.09%
Humulene†	0.0534	2.17%	Terpinolene†	0.0485	1.97%
(+)-fenchol†	0.0357	1.45%	(-)-a-Terpineol†	0.0335	1.36%
Total Terpenes†	**2.46**	**100.00%**			

Metals:

Less than LOQ for all analytes.

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ORELAP#: OR100028
Purchase Order: 210020
Received: 01/21/22 15:08

Customer: KIK By Kalibloom
United States of America (USA)
Product identity: Maui Wowie
Project Number: 210020
Client/Metrc ID: .
Sample Date:
Laboratory ID: 22-000807-0023
Evidence of Cooling: No
Temp: 15.5 °C
Relinquished by: Fedex

Sample Results

Potency **Method** J AOAC 2015 V98-6 (mod) **Units** % **Batch:** 2200694 **Analyze:** 1/26/22 4:49:00 AM

Analyte	As Received	Dry weight	LOQ	Notes
CBC	< LOQ		0.0855	
CBC-A†	< LOQ		0.0855	
CBC-Total†	< LOQ		0.161	
CBD	< LOQ		0.0855	
CBD-A	< LOQ		0.0855	
CBD-Total	< LOQ		0.161	
CBDV†	< LOQ		0.0855	
CBDV-A†	< LOQ		0.0855	
CBDV-Total†	< LOQ		0.160	
CBE†	< LOQ		0.0855	
CBG†	< LOQ		0.0855	
CBG-A†	< LOQ		0.0855	
CBG-Total	< LOQ		0.160	
CBL†	< LOQ		0.0855	
CBL-A†	< LOQ		0.0855	
CBL-Total†	< LOQ		0.161	
CBN	< LOQ		0.0855	
CBT†	0.257		0.0855	
Δ8-THC†	90.7		0.855	
Δ8-THCV	0.417		0.0855	
Δ9-THC	< LOQ		0.0855	
THC-A	< LOQ		0.0855	
THC-Total	< LOQ		0.161	
THCV†	< LOQ		0.0855	
THCV-A†	< LOQ		0.0855	
THCV-Total†	< LOQ		0.160	
Total Cannabinoids†	91.4			

Columbia LABORATORIES
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Report Number: 22-000807/D005.R000
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ORELAP#: OR100028
Purchase Order: 210020
Received: 01/21/22 15:08

Solvents **Method** Residual Solvents by GC/MS **Units** µg/g **Batch** 2200717 **Analyze** 01/27/22 09:01 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)	471	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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ORELAP#: OR100028
Purchase Order: 210020
Received: 01/21/22 15:08

Pesticides **Method** AOAC 2007.01 & EN 15662 (mod) **Units** mg/kg **Batch** 2200711 **Analyze** 01/27/22 08:26 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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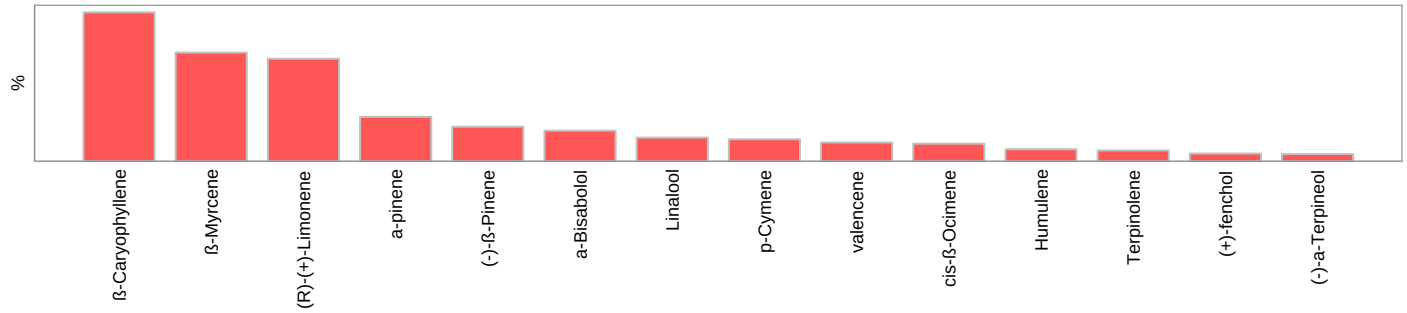
Terpenes

Method J AOAC 2015 V98-6 **Units** % **Batch** 2200842 **Analyze** 01/31/22 11:49 PM

Analyte	Result	LOQ	% of Total	Notes	Analyte	Result	LOQ	% of Total	Notes
ß-Caryophyllene†	0.612	0.018	24.878%		ß-Myrcene†	0.447	0.018	18.171%	
(R)-(+)-Limonene†	0.422	0.018	17.154%		a-pinene†	0.185	0.018	7.520%	
(-)-ß-Pinene†	0.145	0.018	5.894%		a-Bisabolol†	0.129	0.018	5.244%	
Linalool†	0.101	0.018	4.106%		p-Cymene†	0.0940	0.018	3.8211%	
valencene†	0.0809	0.018	3.2886%		cis-ß-Ocimene†	0.0760	0.006	3.0894%	
Humulene†	0.0534	0.018	2.1707%		Terpinolene†	0.0485	0.018	1.9715%	
(+)-fenchol†	0.0357	0.018	1.4512%		(-)-a-Terpineol†	0.0335	0.018	1.3618%	
Camphene†	< LOQ	0.018	0.00%		(-)-caryophyllene oxide†	< LOQ	0.018	0.00%	
Geraniol†	< LOQ	0.018	0.00%		Geranyl acetate†	< LOQ	0.018	0.00%	
farnesene†	< LOQ	0.018	0.00%		a-Terpinene†	< LOQ	0.018	0.00%	
d-3-Carene†	< LOQ	0.018	0.00%		nerol†	< LOQ	0.018	0.00%	
trans-ß-Ocimene†	< LOQ	0.012	0.00%		(±)-Camphor†	< LOQ	0.018	0.00%	
gamma-Terpinene†	< LOQ	0.018	0.00%		(-)-Isopulegol†	< LOQ	0.018	0.00%	
(+)-Pulegone†	< LOQ	0.018	0.00%		Menthol†	< LOQ	0.018	0.00%	
(±)-cis-Nerolidol†	< LOQ	0.018	0.00%		Isoborneol†	< LOQ	0.018	0.00%	
Sabinene hydrate†	< LOQ	0.018	0.00%		(-)-Guaiol†	< LOQ	0.018	0.00%	
(+)-Borneol†	< LOQ	0.018	0.00%		(+)-Cedrol†	< LOQ	0.018	0.00%	
(±)-fenchone†	< LOQ	0.018	0.00%		(±)-trans-Nerolidol†	< LOQ	0.018	0.00%	
a-cedrene†	< LOQ	0.018	0.00%		a-phellandrene†	< LOQ	0.018	0.00%	
Eucalyptol†	< LOQ	0.018	0.00%		Sabinene†	< LOQ	0.018	0.00%	
Total Terpenes	**2.46**								



Metals

Analyte	Result	Limits	Units	LOQ	Batch	Analyze	Method	Status	Notes
Arsenic	< LOQ	0.200	mg/kg	0.0348	2200709	01/26/22	AOAC 2013.06 (mod.)	pass	X
Cadmium	< LOQ	0.200	mg/kg	0.0348	2200709	01/26/22	AOAC 2013.06 (mod.)	pass	X
Lead	< LOQ	0.500	mg/kg	0.0348	2200709	01/26/22	AOAC 2013.06 (mod.)	pass	X
Mercury	< LOQ	0.100	mg/kg	0.0174	2200709	01/26/22	AOAC 2013.06 (mod.)	pass	X

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ORELAP#:	OR100028
Purchase Order:	210020
Received:	01/21/22 15:08

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

Columbia LABORATORIES
A Tentamus Company

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Portland, OR 97230
503-254-1794

Report Number:	22-000807/D005.R000
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ORELAP#:	OR100028
Purchase Order:	210020
Received:	01/21/22 15:08

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 Kaliblooм
Contact: Taylor
Street: 3315 E Russel Rd STE A5 #324
City: Las Vegas State: NV Zip: 89120
☐ Email Results: kaliblamworldwide@gmail
Ph: (___)_____ ☐ Fx Results: (___)_____
Billing (if different):_____

PO Number: 210020
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
	Berry Kush			X	X	X	X	X			
	Biscotti			X	X	X	X	X			
	ChemDawg			X	X	X	X	X			
	Fire OG			X	X	X	X	X			
	Gelato #41			X	X	X	X	X			
	Grape Ape			X	X	X	X	X			
	Guava			X	X	X	X	X			
	Gushers			X	X	X	X	X			
	King Louis XIII			X	X	X	X	X			
	Lemon Cake			X	X	X	X	X			
	Papaya Rosin			X	X	X	N	X			

Relinquished By:	Date	Time	Received By:	Date	Time
			TS	1/21/22	15:08

Lab Use Only:
☒ Shipped Via: Fedex or ☐ Client drop
Evidence of cooling: ☐ Yes | ☒ No - Temp (°C): 15.5°C
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
Portland, OR 97230
503-254-1794

Report Number:	22-000807/D005.R000
Report Date:	02/02/2022
ORELAP#:	OR100028
Purchase Order:	210020
Received:	01/21/22 15:08

Hemp / Cannabis Usable / Extract
Chain of Custody Record

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

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

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

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

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

PAST DUE ACCOUNTS
Credit line account are payable within 30 days. Accounts that are 60 days past due will incur $1^1/_2$% per month on all past due sums until paid in full and will automatically default to cash on delivery (COD). Reports will not be released unless payment on past and current invoices are received. Customer agrees to pay the interest as a service charge and all the LAB's collection costs, including reasonable attorney fees.

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

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

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

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

12423 NE Whitaker Way
Portland, OR 97230
P: (503) 254-1794 | Fax: (503) 254-1452
info@columbialaboratories.com
Page _____of_____
www.columbialaboratories.com

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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 kaliblaw
Contact: Taylor
Street: 3315 E Russel Rd St A4
City: # 344 Las Vegas State: NV Zip: 89120
☐ Email Results: kaliblawmobile@gmail.com
Ph: (___)_____ ☐ Fx Results: (___)_____
Billing (if different):_____

PO Number: _____
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	Terpenes	Sample Type †	Weight (Units)	Comments/Metrc ID
	Runtz			X	X	X	X	X			
	Ice Cream Cake			X	X	X	X	X			
	Sour Diesel Sauce			X	X	X	X	X			
	Blue Dream			X	X	X	X	X			
	Gorilla glue			X	X	X	X	X			
	Girl Scout Cookies			X	X	X	X	X			
	NYC Diesel			X	X	X	X	X			
	Paris OG			X	X	X	X	X			
	Exotic Jack			X	X	X	X	X			
	Mimosa			X	X	X	X	X			
	Master Kush			X	X	X	X	X			

Relinquished By:	Date	Time	Received By:	Date	Time
			DS	1/21/22	15:08

Lab Use Only:
☒ Shipped Via: Fedex or ☐ Client drop
Evidence of cooling: ☐ Yes | ☒ No - Temp (°C): 15.5°C
Sample in good condition: ☐ Yes | ☐ No _____
☐ Cash | ☐ Check | ☐ CC | ☐ Net: _____
Prelog storage: _____

† - Sample Type Codes: Vegitation (V) ; Isolates (S) ; Extract/Concentrate (C)

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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 Kaliblam
Contact: Taylor
Street: 3315 E Russel rd STE A-4 #346
City: Las Vegas State: NV Zip: 89120
☐ Email Results: Kal.bloomworldwide@gmail
Ph: (___)_____ ☐ Fx Results: (___)_____
Billing (if different):_____

PO Number: _____
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
	Green Crack			X	X	X	X	X								
	Maui Wowie			X	X	X	X	X								

Relinquished By:	Date	Time	Received By:	Date	Time
			DS	1/21/22	15:08

Lab Use Only:
☒ Shipped Via: Fedex or ☐ Client drop
Evidence of cooling: ☐ Yes | ☒ No - Temp (°C): 15.5°C
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

Columbia LABORATORIES
A Tentamus Company

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

Report Number:	22-000807/D005.R000
Report Date:	02/02/2022
ORELAP#:	OR100028
Purchase Order:	210020
Received:	01/21/22 15:08

Columbia LABORATORIES
A Tentamus Company

Job Number: _____ Search Name: _____

Package/Cooler opened on (if different than received date/time) Date: 1/21/22 Time: 15:08

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

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): 2889 5979 0339

5) Was packing material used? (YES) NO NA

Peanuts (Bubble Wrap) Foam (Paper) Other:

6) Was temperature upon receipt 4°C+- 2°C (if appropriate)? YES NO (NA)
If not, client contacted: _____
Proceed? YES NO

7) Was there evidence of cooling? YES (NO) NA

What kind? Blue Ice Ice Cooler Packs Dry Ice

8) Were all sample containers sealed in separate plastic bags? YES (NO) NA

9) Did all sample containers arrive in good condition? (YES) NO NA

10) Were all sample container labels complete? (YES) NO NA

11) Did all sample container labels and tags agree with the COC? (YES) NO NA

12) Were correct sample containers used for the tests indicated? (YES) NO NA

13) Were VOA vials checked for absence of air bubbles (note if found)? YES NO (NA)

14) Was a sufficient amount of sample sent in each sample container? (YES) NO NA

16) Sample location prior to login: R99 R39 R44 F44 (Ambient Shelf) Cannabis Table Other: _____

Explain any discrepancies: 15.5°C

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A Tentamus Company

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503-254-1794

Report Number: 22-000807/D005.R000
Report Date: 02/02/2022
ORELAP#: OR100028
Purchase Order: 210020
Received: 01/21/22 15:08

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

Laboratory Quality Control Results

J AOAC 2015 V98-6 **Batch ID: 2200694**

Laboratory Control Sample

Analyte	Result	Spike	Units	% Rec	Limits	Evaluation	Notes
CBDVA	0.197	0.2	%	98.5	85.0 - 115	Acceptable	
CBDV	0.212	0.2	%	106	85.0 - 115	Acceptable	
CBE	0.200	0.2	%	100	85.0 - 115	Acceptable	
CBDA	0.203	0.2	%	101	85.0 - 115	Acceptable	
CBGA	0.196	0.2	%	98.2	85.0 - 115	Acceptable	
CBG	0.191	0.2	%	95.4	85.0 - 115	Acceptable	
CBD	0.192	0.2	%	96.2	85.0 - 115	Acceptable	
THCV	0.186	0.2	%	92.8	85.0 - 115	Acceptable	
d8THCV	0.191	0.2	%	95.6	85.0 - 115	Acceptable	
THCVA	0.195	0.2	%	97.7	85.0 - 115	Acceptable	
CBN	0.190	0.2	%	95.1	85.0 - 115	Acceptable	
exo-THC	0.182	0.2	%	90.8	85.0 - 115	Acceptable	
d9THC	0.185	0.2	%	92.4	85.0 - 115	Acceptable	
d8THC	0.179	0.2	%	89.5	85.0 - 115	Acceptable	
CBL	0.180	0.2	%	90.0	85.0 - 115	Acceptable	
CBC	0.188	0.2	%	93.9	85.0 - 115	Acceptable	
THCA	0.192	0.2	%	96.2	85.0 - 115	Acceptable	
CBCA	0.201	0.2	%	100	85.0 - 115	Acceptable	
CBLA	0.205	0.2	%	103	85.0 - 115	Acceptable	
CBT	0.227	0.2	%	113	85.0 - 115	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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A Tentamus Company

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

Report Number: 22-000807/D005.R000
Report Date: 02/02/2022
ORELAP#: OR100028
Purchase Order: 210020
Received: 01/21/22 15:08

Revision: 1 Document ID: 7148
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Laboratory Quality Control Results

J AOAC 2015 V98-6 **Batch ID: 2200694**

Sample Duplicate Sample ID: **22-000800-0021**

Analyte	Result	Org. Result	LOQ	Units	RPD	Limits	Evaluation	Notes
CBDVA	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
CBDV	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
CBE	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
CBDA	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
CBGA	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
CBG	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
CBD	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
THCV	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
d8THCV	0.427	0.415	0.1	%	2.86	< 20	Acceptable	
THCVA	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
CBN	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
exo-THC	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
d9THC	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
d8THC	87.4	87.5	0.1	%	0.12	< 20	Acceptable	
CBL	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
CBC	<LOQ	<LOQ	0.1	%	NA	< 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	0.572	0.418	0.1	%	31.1	< 20	Outlier	R, Q6

Abbreviations

ND - None Detected at or above MRL
RPD - Relative Percent Difference
LOQ - Limit of Quantitation
R - Relative percent difference (RPD) outside control limit.
Q6 - Quality control outside QC limits. Data acceptable based on remaining QC.

Units of Measure:

% - Percent

Columbia LABORATORIES
A Tentamus Company

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503-254-1794

Report Number: 22-000807/D005.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:** 2200711

Method Blank				Laboratory Control Sample				
Analyte	**Blank Result**	**Blank Limits**	**Notes**	**LCS Result**	**LCS Spike**	**LCS % Rec**	**Limits**	**Notes**
Acephate	0.000	< 0.250		1.100	1.000	110.0	72.8 - 134	
Acequinocyl	0.000	< 1.000		3.674	4.000	91.8	70.6 - 131	
Acetamiprid	0.000	< 0.100		0.433	0.400	108.2	79.0 - 127	
Aldicarb	0.000	< 0.200		0.857	0.800	107.1	69.5 - 129	
Abamectin	0.000	< 0.250		1.083	1.000	108.3	71.8 - 133	
Azoxystrobin	0.000	< 0.100		0.414	0.400	103.4	74.3 - 128	
Bifenazate	0.000	< 0.100		0.429	0.400	107.2	98.7 - 183	
Bifenthrin	0.000	< 0.100		0.422	0.400	105.4	69.1 - 128	
Boscalid	0.000	< 0.200		0.905	0.800	113.2	74.3 - 138	
Carbaryl	0.000	< 0.100		0.444	0.400	111.1	76.8 - 130	
Carbofuran	0.000	< 0.100		0.435	0.400	108.7	72.8 - 135	
Chlorantraniliprol	0.000	< 0.100		0.414	0.400	103.5	81.8 - 119	
Chlorfenapyr	0.000	< 0.500		2.400	2.000	120.0	72.3 - 134	
Chlorpyrifos	0.000	< 0.100		0.408	0.400	102.0	70.2 - 130	
Clofentezine	0.000	< 0.100		0.397	0.400	99.2	73.1 - 129	
Cyfluthrin	0.000	< 0.500		1.978	2.000	98.9	71.9 - 134	
Cypermethrin	0.000	< 0.500		2.030	2.000	101.5	74.9 - 129	
Daminozide	0.309	< 0.500		2.637	2.000	131.9	76.0 - 141	
Diazinon	0.000	< 0.100		0.363	0.400	90.8	76.1 - 141	
Dichlorvos	0.000	< 0.500		2.013	2.000	100.6	74.4 - 126	
Dimethoat	0.000	< 0.100		0.417	0.400	104.2	80.7 - 125	
Ethoprophos	0.000	< 0.100		0.407	0.400	101.8	74.0 - 133	
Etofenprox	0.000	< 0.200		0.783	0.800	97.9	74.2 - 138	
Etoxazol	0.000	< 0.100		0.415	0.400	103.7	72.4 - 134	
Fenoxycarb	0.000	< 0.100		0.425	0.400	106.3	73.8 - 132	
Fenpyroximat	0.000	< 0.200		0.811	0.800	101.4	76.5 - 130	
Fipronil	0.000	< 0.200		0.901	0.800	112.6	80.2 - 135	
Flonicamid	0.000	< 0.250		1.176	1.000	117.6	71.0 - 132	
Fludioxonil	0.000	< 0.200		0.835	0.800	104.4	73.1 - 136	
Hexythiazox	0.000	< 0.250		1.042	1.000	104.2	70.9 - 132	
Imazalil	0.000	< 0.100		0.490	0.400	122.6	76.3 - 132	
Imidacloprid	0.000	< 0.200		0.848	0.800	106.0	79.0 - 128	
Kresoxim-Methyl	0.000	< 0.200		0.879	0.800	109.9	75.1 - 130	
Malathion	0.000	< 0.100		0.485	0.400	121.3	77.5 - 133	
Metalaxyl	0.000	< 0.100		0.416	0.400	104.1	77.1 - 130	
Methiocarb	0.000	< 0.100		0.436	0.400	108.9	81.0 - 124	
Methomyl	0.000	< 0.200		0.853	0.800	106.6	69.6 - 129	
MGK 264	0.000	< 0.100		0.442	0.400	110.6	74.1 - 133	
Myclobutanil	0.000	< 0.100		0.464	0.400	115.9	71.9 - 133	
Naled	0.000	< 0.250		0.979	1.000	97.9	72.9 - 132	
Oxamyl	0.000	< 0.500		2.119	2.000	106.0	70.3 - 131	
Paclobutrazol	0.000	< 0.200		0.845	0.800	105.6	72.6 - 135	
Parathion Methyl	0.000	< 0.200		0.967	0.800	120.8	74.6 - 133	
Permethrin	0.000	< 0.100		0.394	0.400	98.6	70.3 - 131	
Phosmet	0.000	< 0.100		0.418	0.400	104.5	76.8 - 131	
Piperonyl butoxide	0.000	< 0.500		2.263	2.000	113.1	72.9 - 135	
Prallethrin	0.000	< 0.100		0.437	0.400	109.3	77.5 - 127	
Propiconazole	0.000	< 0.200		0.837	0.800	104.6	73.6 - 134	
Propoxur	0.000	< 0.100		0.430	0.400	107.6	72.3 - 134	
Pyrethrins	0.000	< 0.100		0.415	0.413	100.6	69.0 - 128	
Pyridaben	0.000	< 0.100		0.409	0.400	102.3	71.2 - 132	
Spinosad	0.000	< 0.100		0.500	0.388	128.7	74.2 - 138	
Spiromesifen	0.000	< 0.100		0.386	0.400	96.5	72.3 - 134	
Spirotetramat	0.000	< 0.100		0.417	0.400	104.2	76.3 - 132	
Spiroxamine	0.000	< 0.200		0.809	0.800	101.2	74.0 - 128	
Tebuconazol	0.000	< 0.200		0.868	0.800	108.5	73.4 - 136	
Thiacloprid	0.000	< 0.100		0.440	0.400	109.9	78.2 - 130	
Thiamethoxam	0.000	< 0.100		0.469	0.400	117.2	73.5 - 129	
Trifloxystrobin	0.000	< 0.100		0.410	0.400	102.4	77.2 - 131	

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ORELAP#: OR100028
Purchase Order: 210020
Received: 01/21/22 15:08

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Laboratory Pesticide Quality Control Results

AOAC 2007.1 & EN 15662			Units: mg/Kg					Batch ID: 2200711			
Matrix Spike/Matrix Spike Duplicate Recoveries							Sample ID: 22-000807-0013				
Analyte	Result	MS Res	MSD Res	Spike	RPD%	Limit	MS % Rec	MSD % Rec	Limits		Notes
Acephate	0.000	1.048	1.027	1.000	2.1%	< 30	104.8%	102.7%	50 - 150		
Acequinocyl	0.000	3.777	5.143	4.000	30.6%	< 30	94.4%	128.6%	50 - 150		R
Acetamiprid	0.000	0.274	0.274	0.400	0.2%	< 30	68.6%	68.5%	50 - 150		
Aldicarb	0.000	0.851	0.789	0.800	7.5%	< 30	106.4%	98.6%	50 - 150		
Abamectin	0.000	0.680	0.766	1.000	11.9%	< 30	68.0%	76.6%	50 - 150		
Azoxystrobin	0.000	0.374	0.377	0.400	0.6%	< 30	93.6%	94.2%	50 - 150		
Bifenazate	0.000	0.441	0.435	0.400	1.3%	< 30	110.3%	108.9%	50 - 150		
Bifenthrin	0.000	0.381	0.380	0.400	0.3%	< 30	95.2%	94.9%	50 - 150		
Boscalid	0.000	0.828	0.799	0.800	3.5%	< 30	103.5%	99.9%	50 - 150		
Carbaryl	0.000	0.416	0.414	0.400	0.5%	< 30	104.1%	103.6%	50 - 150		
Carbofuran	0.000	0.361	0.362	0.400	0.2%	< 30	90.2%	90.4%	50 - 150		
Chlorantraniliprol	0.000	0.317	0.309	0.400	2.4%	< 30	79.2%	77.4%	50 - 150		
Chlorfenapyr	0.000	1.874	1.891	2.000	0.9%	< 30	93.7%	94.6%	50 - 150		
Chlorpyrifos	0.000	0.415	0.399	0.400	4.0%	< 30	103.9%	99.7%	50 - 150		
Clofentezine	0.000	0.381	0.373	0.400	2.2%	< 30	95.3%	93.2%	50 - 150		
Cyfluthrin	0.000	2.220	2.107	2.000	5.2%	< 30	111.0%	105.3%	30 - 150		
Cypermethrin	0.000	2.083	2.117	2.000	1.6%	< 30	104.2%	105.9%	50 - 150		
Daminozide	0.248	2.258	2.199	2.000	3.0%	< 30	100.5%	97.5%	30 - 150		
Diazinon	0.000	0.333	0.341	0.400	2.3%	< 30	83.4%	85.4%	50 - 150		
Dichlorvos	0.000	1.846	1.897	2.000	2.7%	< 30	92.3%	94.9%	50 - 150		
Dimethoat	0.000	0.329	0.332	0.400	0.9%	< 30	82.2%	83.0%	50 - 150		
Ethoprophos	0.000	0.389	0.362	0.400	7.3%	< 30	97.3%	90.4%	50 - 150		
Etofenprox	0.000	0.784	0.789	0.800	0.7%	< 30	98.0%	98.7%	50 - 150		
Etoxazol	0.000	0.403	0.409	0.400	1.6%	< 30	100.6%	102.2%	50 - 150		
Fenoxycarb	0.000	0.400	0.392	0.400	2.2%	< 30	100.1%	97.9%	50 - 150		
Fenpyroximat	0.000	0.655	0.663	0.800	1.2%	< 30	81.9%	82.9%	50 - 150		
Fipronil	0.000	0.836	0.860	0.800	2.9%	< 30	104.5%	107.5%	50 - 150		
Flonicamid	0.000	1.239	1.056	1.000	15.9%	< 30	123.9%	105.6%	50 - 150		
Fludioxonil	0.000	0.823	0.773	0.800	6.3%	< 30	102.9%	96.7%	50 - 150		
Hexythiazox	0.000	1.092	1.077	1.000	1.4%	< 30	109.2%	107.7%	50 - 150		
Imazalil	0.004	0.500	0.486	0.400	2.8%	< 30	123.9%	120.5%	50 - 150		
Imidacloprid	0.000	0.820	0.827	0.800	0.9%	< 30	102.4%	103.4%	50 - 150		
Kresoxim-Methyl	0.000	0.830	0.797	0.800	4.1%	< 30	103.8%	99.6%	50 - 150		
Malathion	0.000	0.446	0.467	0.400	4.7%	< 30	111.4%	116.8%	50 - 150		
Metalaxyl	0.000	0.406	0.393	0.400	3.2%	< 30	101.4%	98.2%	50 - 150		
Methiocarb	0.000	0.426	0.409	0.400	4.1%	< 30	106.5%	102.2%	50 - 150		
Methomyl	0.000	0.878	0.804	0.800	8.8%	< 30	109.7%	100.4%	50 - 150		
MGK 264	0.000	0.400	0.411	0.400	2.6%	< 30	100.0%	102.7%	50 - 150		
Myclobutanil	0.000	0.436	0.450	0.400	3.0%	< 30	109.1%	112.4%	50 - 150		
Naled	0.000	0.955	0.953	1.000	0.2%	< 30	95.5%	95.3%	50 - 150		
Oxamyl	0.000	2.092	1.901	2.000	9.6%	< 30	104.6%	95.1%	50 - 150		
Paclobutrazol	0.000	0.825	0.812	0.800	1.6%	< 30	103.2%	101.5%	50 - 150		
Parathion Methyl	0.000	0.740	0.770	0.800	4.0%	< 30	92.5%	96.3%	30 - 150		
Permethrin	0.000	0.375	0.361	0.400	3.8%	< 30	93.7%	90.2%	50 - 150		
Phosmet	0.000	0.407	0.412	0.400	1.4%	< 30	101.6%	103.1%	50 - 150		
Piperonyl butoxide	0.000	2.195	2.204	2.000	0.4%	< 30	109.7%	110.2%	50 - 150		
Prallethrin	0.000	0.420	0.397	0.400	5.8%	< 30	105.1%	99.2%	50 - 150		
Propiconazole	0.000	0.777	0.765	0.800	1.6%	< 30	97.1%	95.6%	50 - 150		
Propoxur	0.000	0.409	0.391	0.400	4.5%	< 30	102.3%	97.8%	50 - 150		
Pyrethrins	0.000	0.358	0.363	0.413	1.3%	< 30	86.7%	87.8%	50 - 150		
Pyridaben	0.000	0.425	0.431	0.400	1.3%	< 30	106.3%	107.7%	50 - 150		
Spinosad	0.000	0.502	0.480	0.388	4.5%	< 30	129.4%	123.6%	50 - 150		
Spiromesifen	0.000	0.355	0.291	0.400	20.0%	< 30	88.8%	72.7%	50 - 150		
Spirotetramat	0.000	0.389	0.403	0.400	3.6%	< 30	97.2%	100.8%	50 - 150		
Spiroxamine	0.000	0.790	0.779	0.800	1.4%	< 30	98.8%	97.4%	50 - 150		
Tebuconazol	0.000	0.817	0.791	0.800	3.2%	< 30	102.1%	98.8%	50 - 150		
Thiacloprid	0.000	0.416	0.410	0.400	1.4%	< 30	103.9%	102.5%	50 - 150		
Thiamethoxam	0.000	0.466	0.448	0.400	4.0%	< 30	116.5%	111.9%	50 - 150		
Trifloxystrobin	0.000	0.405	0.405	0.400	0.1%	< 30	101.1%	101.2%	50 - 150		

Columbia LABORATORIES
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503-254-1794

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Laboratory Quality Control Results

Residual Solvents **Batch ID:** 2200717

Method Blank					Laboratory Control Sample						
Analyte	**Result**		**LOQ**	**Notes**	**Result**	**Spike**	**Units**	**% Rec**	**Limits**		**Notes**
Propane	ND	<	200		441	401	µg/g	110.0	70	- 130	
Isobutane	ND	<	200		502	498	µg/g	100.8	70	- 130	
Butane	ND	<	200		501	493	µg/g	101.6	70	- 130	
2,2-Dimethylpropane	ND	<	200		741	628	µg/g	118.0	70	- 130	
Methanol	ND	<	200		1690	1610	µg/g	105.0	70	- 130	
Ethylene Oxide	ND	<	30		41.2	37.2	µg/g	110.8	70	- 130	
2-Methylbutane	ND	<	200		1680	1630	µg/g	103.1	70	- 130	
Pentane	ND	<	200		1730	1610	µg/g	107.5	70	- 130	
Ethanol	ND	<	200		1600	1630	µg/g	98.2	70	- 130	
Ethyl Ether	ND	<	200		1650	1610	µg/g	102.5	70	- 130	
2,2-Dimethylbutane	ND	<	30		191	165	µg/g	115.8	70	- 130	
Acetone	ND	<	200		1760	1610	µg/g	109.3	70	- 130	
2-Propanol	ND	<	200		1780	1610	µg/g	110.6	70	- 130	
Acetonitrile	ND	<	100		619	498	µg/g	124.3	70	- 130	
2,3-Dimethylbutane	ND	<	30		197	162	µg/g	121.6	70	- 130	
Dichloromethane	ND	<	60		545	498	µg/g	109.4	70	- 130	
2-Methylpentane	ND	<	30		189	167	µg/g	113.2	70	- 130	
3-Methylpentane	ND	<	30		199	179	µg/g	111.2	70	- 130	
Hexane	ND	<	30		168	164	µg/g	102.4	70	- 130	
Ethyl acetate	ND	<	200		1710	1620	µg/g	105.6	70	- 130	
2-Butanol	ND	<	200		1760	1600	µg/g	110.0	70	- 130	
Tetrahydrofuran	ND	<	100		544	500	µg/g	108.8	70	- 130	
Cyclohexane	ND	<	200		1680	1610	µg/g	104.3	70	- 130	
Benzene	ND	<	1		6.13	5.62	µg/g	109.1	70	- 130	
Isopropyl Acetate	ND	<	200		1800	1610	µg/g	111.8	70	- 130	
Heptane	ND	<	200		1860	1610	µg/g	115.5	70	- 130	
1,4-Dioxane	ND	<	100		596	502	µg/g	118.7	70	- 130	
2-Ethoxyethanol	ND	<	30		212	164	µg/g	129.3	70	- 130	
Ethylene Glycol	ND	<	200		643	502	µg/g	128.1	70	- 130	
Toluene	ND	<	200		562	488	µg/g	115.2	70	- 130	
Ethylbenzene	ND	<	200		1140	965	µg/g	118.1	70	- 130	
m,p-Xylene	ND	<	200		1220	990	µg/g	123.2	70	- 130	
o-Xylene	ND	<	200		1200	971	µg/g	123.6	70	- 130	
Cumene	ND	<	30		220	179	µg/g	122.9	70	- 130	

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QC - Sample Duplicate **Sample ID: 22-000807-0016**

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	367	383	200	µg/g	4.3	< 20	Acceptable	
Acetonitrile	ND	ND	100	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	
3-Methylpentane	ND	ND	30	µg/g	0.0	< 20	Acceptable	
Hexane	ND	ND	30	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	
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	
1,4-Dioxane	ND	ND	100	µg/g	0.0	< 20	Acceptable	
2-Ethoxyethanol	ND	ND	30	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	
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	

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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Terpenes Quality Control Results

Method Reference: EPA 5035 **Batch ID:** 2200842

Method Blank					Laboratory Control Sample					
Analyte	**Result**	**LOQ**		**Notes**	**Result**	**LCS**	**Units**	**LCS % Rec**	**Limits**	**Notes**
a-pinene	<LOQ	<	200		402	500	µg/g	***80%***	70 - 130	
Camphene	<LOQ	<	200		405	500	µg/g	***81%***	70 - 130	
Sabinene	<LOQ	<	200		426	500	µg/g	***85%***	70 - 130	
b-Pinene	<LOQ	<	200		417	500	µg/g	***83%***	70 - 130	
b-Myrcene	<LOQ	<	200		434	500	µg/g	***87%***	70 - 130	
a-phelllandrene	<LOQ	<	200		397	500	µg/g	***79%***	70 - 130	
d-3-Carene	<LOQ	<	200		404	500	µg/g	***81%***	70 - 130	
a-Terpinene	<LOQ	<	200		410	500	µg/g	***82%***	70 - 130	
p-Cymene	<LOQ	<	200		393	500	µg/g	***79%***	70 - 130	
D-Limonene	<LOQ	<	200		406	500	µg/g	***81%***	70 - 130	
Eucalyptol	<LOQ	<	200		378	500	µg/g	***76%***	70 - 130	
b-cis-Ocimene	<LOQ	<	67		130	167	µg/g	***78%***	70 - 130	
b-trans-Ocimene	<LOQ	<	133		256	333	µg/g	***77%***	70 - 130	
g-Terpinene	<LOQ	<	200		402	500	µg/g	***80%***	70 - 130	
Sabinene_Hydrate	<LOQ	<	200		381	500	µg/g	***76%***	70 - 130	
Terpinolene	<LOQ	<	200		404	500	µg/g	***81%***	70 - 130	
D-Fenchone	<LOQ	<	200		403	500	µg/g	***81%***	70 - 130	
Linalool	<LOQ	<	200		378	500	µg/g	***76%***	70 - 130	
Fenchol	<LOQ	<	200		372	500	µg/g	***74%***	70 - 130	
Camphor	<LOQ	<	200		381	500	µg/g	***76%***	70 - 130	
Isopulego	<LOQ	<	200		392	500	µg/g	***78%***	70 - 130	
Isoborneol	<LOQ	<	200		393	500	µg/g	***79%***	70 - 130	
Borneol	<LOQ	<	200		367	500	µg/g	***73%***	70 - 130	
DL-Menthol	<LOQ	<	200		383	500	µg/g	***77%***	70 - 130	
Terpineol	<LOQ	<	200		361	500	µg/g	***72%***	70 - 130	
Nerol	<LOQ	<	200		394	500	µg/g	***79%***	70 - 130	
Pulegone	<LOQ	<	200		365	500	µg/g	***73%***	70 - 130	
Gereniol	<LOQ	<	200		355	500	µg/g	***71%***	70 - 130	
Geranyl_Acetate	<LOQ	<	200		393	500	µg/g	***79%***	70 - 130	
a-Cedrene	<LOQ	<	200		386	500	µg/g	***77%***	70 - 130	
b-Caryophyllene	<LOQ	<	200		401	500	µg/g	***80%***	70 - 130	
a-Humulene	<LOQ	<	200		412	500	µg/g	***82%***	70 - 130	
Valenene	<LOQ	<	200		394	500	µg/g	***79%***	70 - 130	
cis-Nerolidol	<LOQ	<	200		416	500	µg/g	***83%***	70 - 130	
a-Farnesene	<LOQ	<	200		408	500	µg/g	***82%***	70 - 130	
trans-Nerolidol	<LOQ	<	200		391	500	µg/g	***78%***	70 - 130	
Caryophyllene_Oxide	<LOQ	<	200		457	500	µg/g	***91%***	70 - 130	
Guaiol	<LOQ	<	200		389	500	µg/g	***78%***	70 - 130	
Cedrol	<LOQ	<	200		410	500	µg/g	***82%***	70 - 130	
a-Bisabolol	<LOQ	<	200		406	500	µg/g	***81%***	70 - 130	

Definitions

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

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Terpenes Quality Control Results

Method Reference: EPA 5035 **Batch ID:** 2200842

Sample/Sample Duplicate **Sample ID: 22-000807-0016**

Analyte	Result	Org. Result	LOQ	Units	% RPD	LIMIT	Notes
a-pinene	1030	1050	188	µg/g	2%	< 20	
Camphene	194	193	188	µg/g	1%	< 20	
Sabinene	<LOQ	<LOQ	188	µg/g	0%	< 20	
b-Pinene	1200	1200	188	µg/g	0%	< 20	
b-Myrcene	3060	3120	188	µg/g	2%	< 20	
a-phelllandrene	<LOQ	<LOQ	188	µg/g	0%	< 20	
d-3-Carene	<LOQ	<LOQ	188	µg/g	0%	< 20	
a-Terpinene	<LOQ	<LOQ	188	µg/g	0%	< 20	
p-Cymene	1460	1470	188	µg/g	1%	< 20	
D-Limonene	7290	7360	188	µg/g	1%	< 20	
Eucalyptol	<LOQ	<LOQ	188	µg/g	0%	< 20	
b-cis-Ocimene	<LOQ	<LOQ	62.7	µg/g	0%	< 20	
b-trans-Ocimene	<LOQ	<LOQ	125	µg/g	0%	< 20	
g-Terpinene	<LOQ	<LOQ	188	µg/g	0%	< 20	
Sabinene_Hydrate	<LOQ	<LOQ	188	µg/g	0%	< 20	
Terpinolene	<LOQ	<LOQ	188	µg/g	0%	< 20	
D-Fenchone	<LOQ	<LOQ	188	µg/g	0%	< 20	
Linalool	2580	2580	188	µg/g	0%	< 20	
Fenchol	557	556	188	µg/g	0%	< 20	
Camphor	<LOQ	<LOQ	188	µg/g	0%	< 20	
Isopulego	<LOQ	<LOQ	188	µg/g	0%	< 20	
Isoborneol	<LOQ	<LOQ	188	µg/g	0%	< 20	
Borneol	<LOQ	<LOQ	188	µg/g	0%	< 20	
DL-Menthol	<LOQ	<LOQ	188	µg/g	0%	< 20	
Terpineol	357	354	188	µg/g	1%	< 20	
Nerol	<LOQ	<LOQ	188	µg/g	0%	< 20	
Pulegone	<LOQ	<LOQ	188	µg/g	0%	< 20	
Gereniol	<LOQ	<LOQ	188	µg/g	0%	< 20	
Geranyl_Acetate	<LOQ	<LOQ	188	µg/g	0%	< 20	
a-Cedrene	<LOQ	<LOQ	188	µg/g	0%	< 20	
b-Caryophyllene	10300	10400	188	µg/g	1%	< 20	
a-Humulene	3510	3510	188	µg/g	0%	< 20	
Valenene	2150	2160	188	µg/g	0%	< 20	
cis-Nerolidol	<LOQ	<LOQ	188	µg/g	0%	< 20	
a-Farnesene	<LOQ	<LOQ	188	µg/g	0%	< 20	
trans-Nerolidol	<LOQ	<LOQ	188	µg/g	0%	< 20	
Caryophyllene_Oxide	<LOQ	<LOQ	188	µg/g	0%	< 20	
Guaiol	<LOQ	<LOQ	188	µg/g	0%	< 20	
Cedrol	<LOQ	<LOQ	188	µg/g	0%	< 20	
a-Bisabolol	992	993	188	µg/g	0%	< 20	

Definitions

RPD Relative Percent Difference

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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.