Columbia LABORATORIES
A Tentamus Company

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

Report Number: 21-010340/D008.R000
Report Date: 09/15/2021
ORELAP#: OR100028
Purchase Order:
Received: 09/03/21 13:00

Customer: IHC LLC
Product identity: I01TRP0901_SL
Client/Metrc ID: .
Laboratory ID: 21-010340-0008 **Sample Date:** 09/03/21

Summary

Potency:

Less than LOQ for all analytes.

Residual Solvents:

Analyte	Result (µg/g)	Limits (µg/g)	Status
Acetone	1500		
Hexanes (sum)	180		
n-Hexane	180		

Pesticides:

Analyte	Result (mg/kg)	Limits (mg/kg)	Status
Multi-Residue Pesticide Profile†	< LOQ for all analytes		

Terpenes:

Analyte	Percent by weight	Percent of Total	Analyte	Percent by weight	Percent of Total
ß-Myrcene†	30.8	38.89%	Terpinolene†	16.4	20.71%
ß-Caryophyllene†	6.75	8.52%	(R)-(+)-Limonene†	6.59	8.32%
trans-ß-Ocimene†	5.95	7.51%	Humulene†	2.33	2.94%
farnesene†	1.89	2.39%	(-)-ß-Pinene†	1.85	2.34%
a-pinene†	1.42	1.79%	Linalool†	0.982	1.24%
a-phellandrene†	0.717	0.91%	d-3-Carene†	0.640	0.81%
cis-ß-Ocimene†	0.508	0.64%	a-Terpinene†	0.443	0.56%
(+)-fenchol†	0.319	0.40%	gamma-Terpinene†	0.274	0.35%
(-)-caryophyllene oxide†	0.232	0.29%	p-Cymene†	0.218	0.28%
(-)-a-Terpineol†	0.216	0.27%	Eucalyptol†	0.204	0.26%
Camphene†	0.138	0.17%	Sabinene†	0.0739	0.09%
(+)-Borneol†	0.0543	0.07%	a-Bisabolol†	0.0485	0.06%
valencene†	0.0474	0.06%	(±)-trans-Nerolidol†	0.0446	0.06%
(-)-Guaiol†	0.0386	0.05%	Sabinene hydrate†	0.0257	0.03%
Total Terpenes†	**79.2**	**100.00%**			

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Received: 09/03/21 13:00

Customer: IHC LLC
825 NW 16th Ave
Portland Oregon 97209
United States of America (USA)

Product identity: I01TRP0901_SL
Client/Metrc ID: .
Sample Date: 09/03/21
Laboratory ID: 21-010340-0008
Evidence of Cooling: No
Temp: 28.1 °C
Relinquished by: K. Farook
Serving Size #1: 1 g

THE HEMP COLLECT

Sample Results

Potency **Method** J AOAC 2015 V98-6 (mod) **Units** % **Batch:** 2108060 **Analyze:** 9/8/21 5:04:00 PM

Analyte	As Received	Dry weight	LOQ	Notes
CBC	< LOQ		0.0867	
CBC-A†	< LOQ		0.0867	
CBC-Total†	< LOQ		0.163	
CBD	< LOQ		0.0867	
CBD-A	< LOQ		0.0867	
CBD-Total	< LOQ		0.163	
CBDV†	< LOQ		0.0867	
CBDV-A†	< LOQ		0.0867	
CBDV-Total†	< LOQ		0.162	
CBE†	< LOQ		0.0867	
CBG†	< LOQ		0.0867	
CBG-A†	< LOQ		0.0867	
CBG-Total	< LOQ		0.162	
CBL†	< LOQ		0.0867	
CBL-A†	< LOQ		0.0867	
CBL-Total†	< LOQ		0.163	
CBN	< LOQ		0.0867	
CBT†	< LOQ		0.0867	
Δ8-THC†	< LOQ		0.0867	
Δ8-THCV	< LOQ		0.0867	
Δ9-THC	< LOQ		0.0867	
THC-A	< LOQ		0.0867	
THC-Total	< LOQ		0.163	
THCV†	< LOQ		0.0867	
THCV-A†	< LOQ		0.0867	
THCV-Total†	< LOQ		0.162	
Total Cannabinoids†	0.000			

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Solvents **Method** Residual Solvents by GC/MS **Units** µg/g **Batch** 2108030 **Analyze** 09/08/21 01:31 PM

Analyte	Result	Limits	LOQ	Status	Notes	Analyte	Result	Limits	LOQ	Status	Notes
1,4-Dioxane	< LOQ		100			2-Butanol	< LOQ		200		
2-Ethoxyethanol	< LOQ		30.0			2-Methylbutane	< LOQ		200		
2-Methylpentane	< LOQ		30.0			2-Propanol (IPA)	< LOQ		200		
2,2-Dimethylbutane	< LOQ		30.0			2,2-Dimethylpropane	< LOQ		200		
2,3-Dimethylbutane	< LOQ		30.0			3-Methylpentane	< LOQ		30.0		
Acetone	1500		200			Acetonitrile	< LOQ		100		
Benzene	< LOQ		1.00			Butanes (sum)	< LOQ		400		
Cyclohexane	< LOQ		200			Ethyl acetate	< LOQ		200		
Ethyl benzene	< LOQ		200			Ethyl ether	< LOQ		200		
Ethylene glycol	< LOQ		200			Ethylene oxide	< LOQ		20.0		
Hexanes (sum)	180		150			Isopropyl acetate	< LOQ		200		
Isopropylbenzene	< LOQ		30.0			m,p-Xylene	< LOQ		200		
Methanol	< LOQ		200			Methylene chloride	< LOQ		60.0		
Methylpropane	< LOQ		200			n-Butane	< LOQ		200		
n-Heptane	< LOQ		200			n-Hexane	180		30.0		
n-Pentane	< LOQ		200			o-Xylene	< LOQ		200		
Pentanes (sum)	< LOQ		600			Propane	< LOQ		200		
Tetrahydrofuran	< LOQ		100			Toluene	< LOQ		100		
Total Xylenes	< LOQ		400			Total Xylenes and Ethyl	< LOQ		600		

Pesticides **Method** AOAC 2007.01 & EN 15662 (mod) **Units** mg/kg **Batch** 2108036 **Analyze** 09/08/21 02:45 PM

Analyte	Result	Limits	Status	Notes
Multi-Residue Pesticide Profile†	< LOQ for all analytes			

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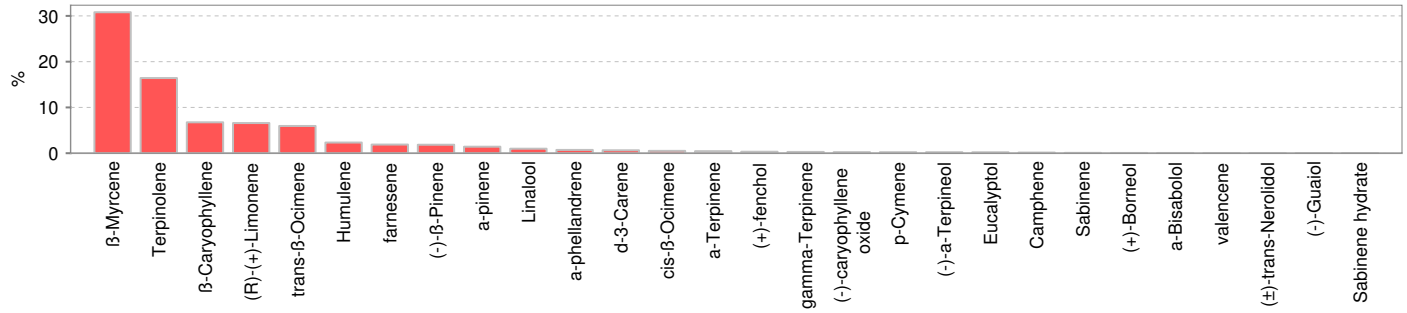
Received: 09/03/21 13:00

Terpenes

Method J AOAC 2015 V98-6 **Units** % **Batch** 2108209 **Analyze** 09/10/21 02:29 PM

Analyte	Result	LOQ	% of Total	Notes	Analyte	Result	LOQ	% of Total	Notes
ß-Myrcene†	30.8	0.195	38.89%		Terpinolene†	16.4	0.195	20.71%	
ß-Caryophyllene†	6.75	0.195	8.52%		(R)-(+)-Limonene†	6.59	0.195	8.32%	
trans-ß-Ocimene†	5.95	0.130	7.51%		Humulene†	2.33	0.019	2.94%	
farnesene†	1.89	0.019	2.39%		(-)-ß-Pinene†	1.85	0.019	2.34%	
a-pinene†	1.42	0.019	1.79%		Linalool†	0.982	0.019	1.240%	
a-phellandrene†	0.717	0.019	0.905%		d-3-Carene†	0.640	0.019	0.808%	
cis-ß-Ocimene†	0.508	0.006	0.641%		a-Terpinene†	0.443	0.019	0.559%	
(+)-fenchol†	0.319	0.019	0.403%		gamma-Terpinene†	0.274	0.019	0.346%	
(-)-caryophyllene oxide†	0.232	0.019	0.293%		p-Cymene†	0.218	0.019	0.275%	
(-)-a-Terpineol†	0.216	0.019	0.273%		Eucalyptol†	0.204	0.019	0.258%	
Camphene†	0.138	0.019	0.174%		Sabinene†	0.0739	0.019	0.0933%	
(+)-Borneol†	0.0543	0.019	0.0686%		a-Bisabolol†	0.0485	0.019	0.0612%	
valencene†	0.0474	0.019	0.0598%		(±)-trans-Nerolidol†	0.0446	0.019	0.0563%	
(-)-Guaiol†	0.0386	0.019	0.0487%		Sabinene hydrate†	0.0257	0.019	0.0324%	
(-)-Isopulegol†	< LOQ	0.019	0.00%		(+)-Cedrol†	< LOQ	0.019	0.00%	
(+)-Pulegone†	< LOQ	0.019	0.00%		(±)-Camphor†	< LOQ	0.019	0.00%	
(±)-cis-Nerolidol†	< LOQ	0.019	0.00%		(±)-fenchone†	< LOQ	0.019	0.00%	
a-cedrene†	< LOQ	0.019	0.00%		Geraniol†	< LOQ	0.019	0.00%	
Geranyl acetate†	< LOQ	0.019	0.00%		Isoborneol†	< LOQ	0.019	0.00%	
Menthol†	< LOQ	0.019	0.00%		nerol†	< LOQ	0.019	0.00%	
Total Terpenes	**79.2**								



Nutrition

Analyte	Result	Limits	Units	LOQ	Batch	Analyze	Method	Status	Notes
Moisture as loss on drying	80.7		g/100g	0.10	2108139	09/11/21	AOAC 925.10 (mod.)		X, Q7
Water Activity	0.435		Aw	0.030	2107991	09/07/21	AOAC 978.18		X

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Abbreviations

Limits: Action Levels per OAR-333-007-0400, OAR-333-007-0210, OAR-333-007-0220

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

g = Gram

g/100g = Grams per 100 Grams

µg/g = Microgram per gram

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

% = Percentage of sample

Aw = Water Activity

% wt = µg/g divided by 10,000

Glossary of Qualifiers

Q7: Quality control outside limits.

X: Not ORELAP accredited.

Approved Signatory

Derrick Tanner
General Manager

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Cannabis Multi-Residue Profile, Limits of Quantitation

Compound	LOQ (mg/kg)
Abamectin	0.100
Acephate	0.100
Acequinocyl	0.100
Acetamiprid	0.020
Acetochlor	0.100
Acrinathrin	0.100
Alachlor	0.100
Aldicarb	0.100
Aldicarb sulfoxide	0.100
Aldoxycarb (Aldicarb-sulfone)	0.100
Aldrin	0.100
Ametocrtradin	0.020
Ametryn	0.500
Aspon	0.100
Asulam	0.100
Atrazine	0.100
Atrazine-desethyl	0.100
Azinphos-ethyl	0.020
Azinphos-methyl	0.020
Azoxystrobin	0.020
Benalaxyl	0.020
Bendiocarb	0.020
Benfluralin	0.100
Benoxacor	0.050
Bensulide	0.050
BHC alpha isomer	0.100
BHC beta isomer	0.100
BHC delta isomer	0.500
Bifenazate	0.020
Bifenthrin	0.020
Boscalid	0.020
Bromophos-ethyl	0.100
Bromophos-methyl	0.200
Bromopropylate	0.100
Bromuconazole	0.100
Bupirimate	0.020
Buprofezin	0.050
Butachlor	0.500
Butralin	0.200
Butylate	0.100
Cadusafos	0.020
Captan	1.000
Carbaryl	0.050
Carbendazim	0.100
Carbofuran	0.020
Carbophenothion	0.200
Carboxin	0.020
Carfentrazone-ethyl	0.100
Chlorantraniliprole	0.020
Chlordane, cis-	0.200
Chlordane, trans-	0.200
Chlorfenapyr	0.500
Chlorfenson	0.200
Chlorfenvinphos	0.050
Chlorobenzilate	0.100
Chloroneb	0.200
Chlorpyrifos	0.050
Chlorpyrifos-methyl	0.200
CIPC	1.000

Compound	LOQ (mg/kg)
Clethodim	0.050
Clethodim Sulfone	0.050
Clethodim Sulfoxide	0.050
Clofentezine	0.020
Clomazone	0.020
Clothianidin	0.200
Coumaphos	0.050
Crotoxyphos	0.020
Cyanazine	0.020
Cyanofenphos	0.020
Cyantraniliprole	0.050
Cyazofamid	0.020
Cycloate	0.100
Cyfluthrin	0.200
Cyhalothrin, lambda	0.200
Cymoxanil	0.050
Cypermethrin	0.200
Cyprodinil	0.100
Dacthal	0.100
Daminozide	0.100
DCPMU	0.050
DDD, o,p'-	0.100
DDD, p,p'-	0.100
DDE, o,p'-	0.100
DDE, p,p'-	0.100
DDT, o,p'-	0.100
DDT, p,p'-	0.100
DEF (Tribufos)	0.100
Deltamethrin	0.100
Desmedipham	0.100
Diallate	0.100
Diazinon	0.020
Diazoxon	0.100
Dichlobenil	0.100
Dichlofluanid	0.100
Dichlorvos	0.100
Diclobutrazol	0.050
Dicofol	0.100
Dicrotophos	0.050
Dieldrin	0.100
Diethofencarb	0.020
Diethyltoluamide (DEET)	0.050
Difenoconazole	0.100
Dimethenamid	0.050
Dimethoate	0.050
Dimethomorph	0.050
Diniconazole	0.200
Dinotefuran	0.200
Dioxathion	0.100
Diphenamid	0.020
Diphenylamine	0.100
Disulfoton	0.100
Disulfoton sulfone	0.100
Disulfoton sulfoxide	0.100
Diuron	0.050
Edifenphos	0.050
Endosulfan alpha	0.200
Endosulfan beta	0.200
Endosulfan sulfate	0.100

Compound	LOQ (mg/kg)
Endrin	0.100
EPN	0.050
EPTC	0.100
Esfenvalerate/Fenvalerate	0.200
Etaconazole	0.100
Ethalfluralin	0.100
Ethiofencarb	0.050
Ethion	0.200
Ethirimol	0.100
Ethofumesate	0.050
Ethoprophos	0.020
Etofenprox	0.020
Etoxazole	0.020
Etridiazole	0.100
Etrimfos	0.020
Famoxadone	0.200
Famphur	0.100
Fenamidone	0.020
Fenamiphos	0.020
Fenamiphos sulfone	0.020
Fenamiphos sulfoxide	0.020
Fenazaquin	0.100
Fenbuconazole	0.100
Fenchlorphos	0.100
Fenchlorphos-oxon	0.100
Fenhexamid	0.100
Fenitrothion	0.100
Fenobucarb	0.050
Fenoxycarb	0.020
Fenpropathrin	0.050
Fenpyroximate	0.020
Fenson	0.100
Fensulfothion	0.020
Fensulfothion oxon	0.020
Fensulfothion sulfone	0.100
Fensulfothion-oxon-sulfone	0.020
Fenthion	0.050
Fenthion oxon	0.020
Fenthion oxon sulfone	0.100
Fenthion sulfone	0.050
Fenuron	0.020
Fipronil	0.100
Flonicamid	0.100
Fluchloralin	0.100
Flucythrinate	0.100
Fludioxonil	0.200
Flufenacet	0.020
Flumioxazin	0.100
Fluometuron	0.020
Fluopicolide	0.050
Fluopyram	0.020
Fluoxastrobin	0.050
Flupyradifurone	0.020
Fluridone	0.100
Flusilazole	0.020
Flutolanil	0.020
Flutriafol	0.020
Fluvalinate, tau-	0.100
Fluxapyroxad	0.020

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Cannabis Multi-Residue Profile, Limits of Quantitation

Compound	LOQ (mg/kg)
Fomesafen	0.100
Fonofos	0.100
Forchlorfenuron	0.050
Formetanate	0.050
Furathiocarb	0.020
Heptachlor	0.100
Heptachlor epoxide	0.100
Heptenophos	0.100
Hexachlorobenzene	0.100
Hexaconazole	0.100
Hexazinone	0.100
Hexythiazox	0.020
Imazalil	0.100
Imidacloprid	0.100
Indaziflam	0.020
Indoxacarb	0.020
Iprobenfos	0.100
Iprodione	0.100
Isobenzan	0.100
Isocarbophos	0.500
Isodrin	0.100
Isofenphos	0.050
Isofenphos-methyl	0.020
Isofenphos oxon	0.050
Isoprocarb	0.020
Isopropalin	0.200
Isoprothiolane	0.050
Isoproturon	0.050
Isoxaben	0.050
Isoxaflutole	0.050
Kresoxim-methyl	0.050
Lactofen	0.500
Lenacil	0.100
Lindane (gamma BHC)	0.100
Linuron	0.020
Malaoxon	0.050
Malathion	0.050
Mandipropamid	0.020
Mecarbam	0.020
Mepanipyrim	0.050
Merphos	0.500
Metalaxyl	0.050
Metaldehyde	0.050
Metconazole	0.100
Methacrifos	0.100
Methamidophos	0.050
Methidathion	0.050
Methiocarb	0.050
Methiocarb sulfone	0.100
Methiocarb sulfoxide	0.100
Methomyl	0.100
Methoxychlor	0.100
Methoxyfenozide	0.020
Metobromuron	0.050
Metolachlor	0.100
Metolcarb	0.050
Metrafenone	0.050
Metribuzin	0.100
Mevinphos	0.100
Mexacarbate	0.020
MGK 264	0.020
Mirex	0.100
Molinate	0.050
Monocrotophos	0.100
Monolinuron	0.020
Myclobutanil	0.050
Naled	0.100
Napropamide	0.050
Neburon	0.020
Nitrapyrin	0.100
Norflurazon	0.050
Omethoate	0.100
O-Phenylphenol	0.100
Oxadixyl	0.100
Oxamyl	0.100
Oxamyl-oxime	0.100
Oxychlordane	0.100
Oxydemeton-Methyl	0.100
Oxythioquinox	0.200
Paclobutrazol	0.050
Paraoxon-ethyl	0.020
Paraoxon methyl	0.100
Parathion ethyl	0.100
Parathion methyl	0.200
Penconazole	0.050
Pendimethalin	0.050
Penflufen	0.020
Pentachloroaniline	0.100
Pentachloroanisole	0.100
Pentachlorobenzene (PCB)	0.100
Pentachlorothioanisole (PCTA)	0.100
Penthiopyrad	0.020
Permethrin	0.050
Perthane	0.100
Phenmedipham	0.050
Phenthoate	0.050
Phorate	0.050
Phorate Sulfone	0.050
Phorate Sulfoxide	0.050
Phosalone	0.050
Phosmet	0.100
Phosphamidon	0.050
Phoxim	0.050
Pinoxaden	0.020
Piperonyl butoxide	0.050
Pirimicarb	0.020
Pirimiphos-methyl	0.050
Pirimiphos-ethyl	0.020
Prallethrin	0.100
Prochloraz	0.020
Procymidone	0.100
Profenofos	0.100
Profluralin	0.100
Promecarb	0.050
Prometon	0.100
Prometryn	0.020
Propachlor	0.020
Propamocarb	0.050
Propanil	0.050
Propargite	0.050
Propazine	0.020
Propetamphos	0.050
Propham	0.050
Propiconazole	0.050
Propoxur	0.050
Propoxycarbazone Na	0.050
Propyzamide	0.050
Prothiofos	0.100
Pyraclostrobin	0.020
Pyrazophos	0.050
Pyrethrins	0.050
Pyridaben	0.020
Pyridafol	0.100
Pyridate	0.020
Pyrimethanil	0.050
Pyriproxifen	0.020
Pyroxasulfone	0.020
Pyroxsulam	0.020
Quinalphos	0.050
Quinoxyfen	0.050
Quintozene (PCNB)	0.200
Resmethrin	0.050
Rotenone	0.050
S421	0.100
Simazine	0.100
Simetryn	0.200
Spinetoram	0.020
Spinosad	0.050
Spirodiclofen	0.100
Spiromesifen	0.050
Spirotetramat	0.050
Spiroxamine	0.020
Sulfotep	0.050
Sulfoxaflor	0.050
Sulprofos	0.020
Tebuconazole	0.100
Tebufenozide	0.020
Tebuthiuron	0.020
Tecnazene	0.100
Tefluthrin	0.100
Terbufos	0.020
Terbufos sulfone	0.050
Terbufos sulfoxide	0.050
Terbuthylazine	0.020
Terbutryn	0.020
Tetrachlorvinphos	0.050
Tetraconazole	0.050
Tetradifon	0.200
Tetramethrin	0.050
Tetrasul	0.100
Thiabendazole	0.100
Thiabendazole, 5-hydroxy	0.100
Thiacloprid	0.050
Thiamethoxam	0.100
Thiobencarb	0.050
Thiodicarb	0.050
Thiophanate-methyl	0.050

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Cannabis Multi-Residue Profile, Limits of Quantitation

Compound	LOQ (mg/kg)	Compound	LOQ (mg/kg)	Compound	LOQ (mg/kg)
Tolclofos-methyl	0.100	Triazophos	0.020	Trifloxystrobin	0.020
Triforin	0.100	Tolylfluanid	0.050	Triticonazole	0.050
Tralkoxydim	0.100	Tridiphane	0.500	Vinclozolin	0.100
Triadimefon	0.050	Triflumizole	0.020	Zoxamide	0.020
Triallate	0.100	Trifluralin	0.100		

LOQ = Limit of Quantitation, mg/kg

Factors affecting the LOQ include instrumentation sensitivity for a particular analyte, sample size, moisture content (percent solids) of the sample, effectiveness of the cleanup on the sample extract, and especially the type of sample matrix.

Columbia LABORATORIES
A Tentamus Company

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

Report Number: 21-010340/D008.R000
Report Date: 09/15/2021
ORELAP#: OR100028
Purchase Order:
Received: 09/03/21 13:00

THEHEMPCOLLECT 21-010340

THC

Columbia LABORATORIES
A Tentamus Company

Hemp / Cannabis Usable / Extract / Finished Products Chain of Custody Record

Revision: 4.00 Control#: CF023 Rev 02/24/2021 Eff: 03/04/2021
ORELAP ID: OR100028

Company: IHC
Contact: Kyle Farook
Street: 431 NW Flanders st.
City: Portland State: OR Zip: 97209
☐ Email Results: Dropbox
Ph: (61) 608164 ☐ Fx Results: (___)
Billing (if different): beth@thehempcollect.cor

PO Number:
Project Number:
Project Name:
Custom Reporting:
Report to State - ☐ METRC or ☐ Other:
Turnaround time: ☑ 5 Business Day Standard Turnaround
☐ 3 Business Day Rush Turnaround*
☐ 2 Business Day Rush Turnaround*
*Check for availability
Sampled by:

Lab ID	Client Sample Identification	Date	Time	Pesticides – OR 59 compounds	Pesticide Multi-Residue – 379 compounds	Potency	Residual Solvents	Moisture & Water Activity	Terpenes	Micro: Yeast and Mold	Micro: *E.Coli* and Total Coliform	Heavy Metals	Mycotoxins	Other:	Sample Type †	Weight (Units)	Comments/Metrc ID
1	I03GMY0903	9/3				x									E		Sample #1 (gummy) results reported in mg_analyte per 3g unit size
2	I01KIFHHW0804	9/3				x									V		
3	M01PRL0826_SpL	9/3				x									V		
4	M0103PRL0826	9/3				x									V		
5	M0102FTS0813	9/3				x									V		
6	M0103LIRSUG0823	9/3			x	x	x		x	x					C		
7	M01LIRCRM0809	9/3			x	x	x		x	x					C		
8	I01TRP0901_SL	9/3			x	x	x	x	x						C		
9	I01TRP0901_SSSC	9/3			x	x	x	x	x						C		
10		9/3															

Relinquished By:	Date	Time	Received By:	Date	Time
Kyle Farook	9/3	1:00	BD	9/3/21	13:00

Lab Use Only:
☐ Shipped Via: _____ or ☑ Client drop
Evidence of cooling: ☐ Yes | ☑ No - Temp (°C): 28.1
Sample in good condition: ☐ Yes | ☐ No
☐ Cash | ☐ Check | ☐ CC | ☐ Net:
Prelog storage:

† - Sample Type Codes: Vegetation (V) ; Isolates (S) ; Extract/Concentrate (C) ; Tincture/Topical (T) ; Edible (E) ; Beverage (B)

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 _____
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Columbia LABORATORIES
A Tentamus Company

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

Report Number: 21-010340/D008.R000
Report Date: 09/15/2021
ORELAP#: OR100028
Purchase Order:
Received: 09/03/21 13:00

Laboratory Quality Control Results

Residual Solvents							Batch ID:	2108030				
Method Blank					**Laboratory Control Sample**							
Analyte	**Result**		**LOQ**	**Notes**	**Result**	**Spike**	**Units**	**% Rec**	**Limits**			**Notes**
Propane	ND	<	200		578	595	µg/g	97.1	70	-	130	
Isobutane	ND	<	200		775	761	µg/g	101.8	70	-	130	
Butane	ND	<	200		784	761	µg/g	103.0	70	-	130	
2,2-Dimethylpropane	ND	<	200		986	955	µg/g	103.2	70	-	130	
Methanol	ND	<	200		1590	1610	µg/g	98.8	70	-	130	
Ethylene Oxide	ND	<	30		61	58.3	µg/g	104.6	70	-	130	
2-Methylbutane	ND	<	200		1440	1610	µg/g	89.4	70	-	130	
Pentane	ND	<	200		1490	1620	µg/g	92.0	70	-	130	
Ethanol	ND	<	200		1830	1610	µg/g	113.7	70	-	130	
Ethyl Ether	ND	<	200		1750	1610	µg/g	108.7	70	-	130	
2,2-Dimethylbutane	ND	<	30		149	172	µg/g	86.6	70	-	130	
Acetone	ND	<	200		1640	1600	µg/g	102.5	70	-	130	
2-Propanol	ND	<	200		1880	1620	µg/g	116.0	70	-	130	
Ethyl Formate	ND	<	500		1450	1610	µg/g	90.1	70	-	130	
Acetonitrile	ND	<	100		517	501	µg/g	103.2	70	-	130	
Methyl Acetate	ND	<	500		1720	1610	µg/g	106.8	70	-	130	
2,3-Dimethylbutane	ND	<	30		156	163	µg/g	95.7	70	-	130	
Dichloromethane	ND	<	60		552	483	µg/g	114.3	70	-	130	
2-Methylpentane	ND	<	30		187	164	µg/g	114.0	70	-	130	
MTBE	ND	<	500		1770	1600	µg/g	110.6	70	-	130	
3-Methylpentane	ND	<	30		195	164	µg/g	118.9	70	-	130	
Hexane	ND	<	30		191	163	µg/g	117.2	70	-	130	
1-Propanol	ND	<	500		1650	1620	µg/g	101.9	70	-	130	
Methylethylketone	ND	<	500		1540	1610	µg/g	95.7	70	-	130	
Ethyl acetate	ND	<	200		1740	1610	µg/g	108.1	70	-	130	
2-Butanol	ND	<	200		1820	1620	µg/g	112.3	70	-	130	
Tetrahydrofuran	ND	<	100		586	500	µg/g	117.2	70	-	130	
Cyclohexane	ND	<	200		1530	1610	µg/g	95.0	70	-	130	
2-methyl-1-propanol	ND	<	500		1680	1610	µg/g	104.3	70	-	130	
Benzene	ND	<	1		5.11	5.42	µg/g	94.3	70	-	130	
Isopropyl Acetate	ND	<	200		1840	1600	µg/g	115.0	70	-	130	
Heptane	ND	<	200		1650	1600	µg/g	103.1	70	-	130	
1-Butanol	ND	<	500		1870	1620	µg/g	115.4	70	-	130	
Propyl Acetate	ND	<	500		1760	1610	µg/g	109.3	70	-	130	
1,4-Dioxane	ND	<	100		593	490	µg/g	121.0	70	-	130	
2-Ethoxyethanol	ND	<	30		165	163	µg/g	101.2	70	-	130	
Methylisobutylketone	ND	<	500		1650	1620	µg/g	101.9	70	-	130	
3-Methyl-1-butanol	ND	<	500		1520	1610	µg/g	94.4	70	-	130	
Ethylene Glycol	ND	<	200		474	484	µg/g	97.9	70	-	130	
Toluene	ND	<	200		579	482	µg/g	120.1	70	-	130	
Isobutyl Acetate	ND	<	500		1570	1620	µg/g	96.9	70	-	130	
1-Pentanol	ND	<	500		1130	1620	µg/g	69.8	70	-	130	
Butyl Acetate	ND	<	500		1620	1620	µg/g	100.0	70	-	130	
Ethylbenzene	ND	<	200		1130	970	µg/g	116.5	70	-	130	
m,p-Xylene	ND	<	200		1020	991	µg/g	102.9	70	-	130	
o-Xylene	ND	<	200		1170	967	µg/g	121.0	70	-	130	
Cumene	ND	<	30		214	169	µg/g	126.6	70	-	130	
Anisole	ND	<	500		1740	1640	µg/g	106.1	70	-	130	
DMSO	ND	<	500		1960	1620	µg/g	121.0	70	-	130	
1,2-dimethoxyethane	ND	<	50		159	162	µg/g	98.1	70	-	130	
Triethylamine	ND	<	500		1790	1610	µg/g	111.2	70	-	130	
N,N-dimethylformamide	ND	<	150		503	487	µg/g	103.3	70	-	130	
N,N-dimethylacetamide	ND	<	150		509	492	µg/g	103.5	70	-	130	
Pyridine	ND	<	50		118	165	µg/g	71.5	70	-	130	

Columbia LABORATORIES
A Tentamus Company

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

Report Number: 21-010340/D008.R000
Report Date: 09/15/2021
ORELAP#: OR100028
Purchase Order:
Received: 09/03/21 13:00

QC - Sample Duplicate **Sample ID: 21-009853-0002**

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	

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: 21-010340/D008.R000
Report Date: 09/15/2021
ORELAP#: OR100028
Purchase Order:
Received: 09/03/21 13:00

Revision #: 0.00 Control : CFL-D06
Revision Date: 05/31/2019 Effective Date: 05/31/2019

Laboratory Quality Control Results

J AOAC 2015 V98-6 **Batch ID: 2108041/2108060**

Laboratory Control Sample

Analyte	Result	Spike	Units	% Rec	Limits	Evaluation	Notes
CBDVA	0.194	0.2	%	97.0	85.0 - 115	Acceptable	
CBDV	0.207	0.2	%	103	85.0 - 115	Acceptable	
CBE	0.206	0.2	%	103	85.0 - 115	Acceptable	
CBDA	0.197	0.2	%	98.3	85.0 - 115	Acceptable	
CBGA	0.194	0.2	%	97.0	85.0 - 115	Acceptable	
CBG	0.207	0.2	%	103	85.0 - 115	Acceptable	
CBD	0.201	0.2	%	100	85.0 - 115	Acceptable	
THCV	0.205	0.2	%	102	85.0 - 115	Acceptable	
d8THCV	0.197	0.2	%	98.3	85.0 - 115	Acceptable	
THCVA	0.185	0.2	%	92.5	85.0 - 115	Acceptable	
CBN	0.210	0.2	%	105	85.0 - 115	Acceptable	
exo-THC	0.187	0.2	%	93.5	85.0 - 115	Acceptable	
d9THC	0.205	0.2	%	102	85.0 - 115	Acceptable	
d8THC	0.201	0.2	%	101	85.0 - 115	Acceptable	
CBL	0.182	0.2	%	91.2	85.0 - 115	Acceptable	
CBC	0.207	0.2	%	103	85.0 - 115	Acceptable	
THCA	0.194	0.2	%	97.0	85.0 - 115	Acceptable	
CBCA	0.186	0.2	%	93.2	85.0 - 115	Acceptable	
CBLA	0.202	0.2	%	101	85.0 - 115	Acceptable	
CBT	0.216	0.2	%	108	85.0 - 115	Acceptable	

Method Blank

Analyte	Result	LOQ	Units	Limits	Evaluation	Notes
CBDVA	<LOQ	0.01	%	< 0.01	Acceptable	
CBDV	<LOQ	0.01	%	< 0.01	Acceptable	
CBE	<LOQ	0.01	%	< 0.01	Acceptable	
CBDA	<LOQ	0.01	%	< 0.01	Acceptable	
CBGA	<LOQ	0.01	%	< 0.01	Acceptable	
CBG	<LOQ	0.01	%	< 0.01	Acceptable	
CBD	<LOQ	0.01	%	< 0.01	Acceptable	
THCV	<LOQ	0.01	%	< 0.01	Acceptable	
d8THCV	<LOQ	0.01	%	< 0.01	Acceptable	
THCVA	<LOQ	0.01	%	< 0.01	Acceptable	
CBN	<LOQ	0.01	%	< 0.01	Acceptable	
exo-THC	<LOQ	0.01	%	< 0.01	Acceptable	
d9THC	<LOQ	0.01	%	< 0.01	Acceptable	
d8THC	<LOQ	0.01	%	< 0.01	Acceptable	
CBL	<LOQ	0.01	%	< 0.01	Acceptable	
CBC	<LOQ	0.01	%	< 0.01	Acceptable	
THCA	<LOQ	0.01	%	< 0.01	Acceptable	
CBCA	<LOQ	0.01	%	< 0.01	Acceptable	
CBLA	<LOQ	0.01	%	< 0.01	Acceptable	
CBT	<LOQ	0.01	%	< 0.01	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: 21-010340/D008.R000
Report Date: 09/15/2021
ORELAP#: OR100028
Purchase Order:
Received: 09/03/21 13:00

Revision #: 0.00 Control : CFL-D06
Revision Date: 05/31/2019 Effective Date: 05/31/2019

Laboratory Quality Control Results

J AOAC 2015 V98-6 **Batch ID: 2108041/2108060**

Sample Duplicate Sample ID: **21-009903-0001-01**

Analyte	Result	Org. Result	LOQ	Units	RPD	Limits	Evaluation	Notes
CBDVA	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
CBDV	0.467	0.556	0.1	%	17.4	< 20	Acceptable	
CBE	0.837	0.993	0.1	%	17.1	< 20	Acceptable	
CBDA	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
CBGA	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
CBG	0.275	0.327	0.1	%	17.3	< 20	Acceptable	
CBD	>98.0	>98.0	0.1	%	NA	< 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	0.509	0.607	0.1	%	17.5	< 20	Acceptable	
exo-THC	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
d9THC	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
d8THC	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
CBL	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
CBC	0.866	1.03	0.1	%	17.3	< 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	0.872	0.908	0.1	%	4.06	< 20	Acceptable	

Abbreviations

ND - None Detected at or above MRL
RPD - Relative Percent Difference
LOQ - Limit of Quantitation
NA - Calculation Not Applicable given non-numerical results

Units of Measure:

% - Percent

Columbia LABORATORIES
A Tentamus Company

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

Report Number: 21-010340/D008.R000
Report Date: 09/15/2021
ORELAP#: OR100028
Purchase Order:
Received: 09/03/21 13:00

Terpenes Quality Control Results

Method Reference: EPA 5035 **Batch ID:** 2108209

	Method Blank				Laboratory Control Sample					
Analyte	**Result**		**LOQ**	**Notes**	**Result**	**LCS**	**Units**	**LCS % Rec**	**Limits**	**Notes**
a-pinene	<LOQ	<	200		575	500	µg/g	***115%***	70 - 130	
Camphene	<LOQ	<	200		495	500	µg/g	***99%***	70 - 130	
Sabinene	<LOQ	<	200		453	500	µg/g	***91%***	70 - 130	
b-Pinene	<LOQ	<	200		524	500	µg/g	***105%***	70 - 130	
b-Myrcene	<LOQ	<	200		442	500	µg/g	***88%***	70 - 130	
a-phelllandrene	<LOQ	<	200		400	500	µg/g	***80%***	70 - 130	
d-3-Carene	<LOQ	<	200		516	500	µg/g	***103%***	70 - 130	
a-Terpinene	<LOQ	<	200		540	500	µg/g	***108%***	70 - 130	
p-Cymene	<LOQ	<	200		471	500	µg/g	***94%***	70 - 130	
D-Limonene	<LOQ	<	200		471	500	µg/g	***94%***	70 - 130	
Eucalyptol	<LOQ	<	200		499	500	µg/g	***100%***	70 - 130	
b-cis-Ocimene	<LOQ	<	67		137	167	µg/g	***82%***	70 - 130	
b-trans-Ocimene	<LOQ	<	133		321	333	µg/g	***96%***	70 - 130	
g-Terpinene	<LOQ	<	200		456	500	µg/g	***91%***	70 - 130	
Sabinene_Hydrate	<LOQ	<	200		489	500	µg/g	***98%***	70 - 130	
Terpinolene	<LOQ	<	200		434	500	µg/g	***87%***	70 - 130	
D-Fenchone	<LOQ	<	200		438	500	µg/g	***88%***	70 - 130	
Linalool	<LOQ	<	200		523	500	µg/g	***105%***	70 - 130	
Fenchol	<LOQ	<	200		496	500	µg/g	***99%***	70 - 130	
Camphor	<LOQ	<	200		473	500	µg/g	***95%***	70 - 130	
Isopulego	<LOQ	<	200		443	500	µg/g	***89%***	70 - 130	
Isoborneol	<LOQ	<	200		498	500	µg/g	***100%***	70 - 130	
Borneol	<LOQ	<	200		507	500	µg/g	***101%***	70 - 130	
DL-Menthol	<LOQ	<	200		469	500	µg/g	***94%***	70 - 130	
Terpineol	<LOQ	<	200		438	500	µg/g	***88%***	70 - 130	
Nerol	<LOQ	<	200		438	500	µg/g	***88%***	70 - 130	
Pulegone	<LOQ	<	200		566	500	µg/g	***113%***	70 - 130	
Gereniol	<LOQ	<	200		422	500	µg/g	***84%***	70 - 130	
Geranyl_Acetate	<LOQ	<	200		461	500	µg/g	***92%***	70 - 130	
a-Cedrene	<LOQ	<	200		503	500	µg/g	***101%***	70 - 130	
b-Caryophyllene	<LOQ	<	200		375	500	µg/g	***75%***	70 - 130	
a-Humulene	<LOQ	<	200		427	500	µg/g	***85%***	70 - 130	
Valenene	<LOQ	<	200		381	500	µg/g	***76%***	70 - 130	
cis-Nerolidol	<LOQ	<	200		449	500	µg/g	***90%***	70 - 130	
a-Farnesene	<LOQ	<	200		546	500	µg/g	***109%***	70 - 130	
trans-Nerolidol	<LOQ	<	200		489	500	µg/g	***98%***	70 - 130	
Caryophyllene_Oxide	<LOQ	<	200		550	500	µg/g	***110%***	70 - 130	
Guaiol	<LOQ	<	200		559	500	µg/g	***112%***	70 - 130	
Cedrol	<LOQ	<	200		517	500	µg/g	***103%***	70 - 130	
a-Bisabolol	<LOQ	<	200		519	500	µg/g	***104%***	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: 21-010340/D008.R000
Report Date: 09/15/2021
ORELAP#: OR100028
Purchase Order:
Received: 09/03/21 13:00

Terpenes Quality Control Results

Method Reference: EPA 5035 **Batch ID:** 2108209

Sample/Sample Duplicate **Sample ID: 21-010306-0004**

Analyte	Result	Org. Result	LOQ	Units	% RPD	LIMIT	Notes
a-pinene	<LOQ	<LOQ	196	µg/g	0%	< 20	
Camphene	<LOQ	<LOQ	196	µg/g	0%	< 20	
Sabinene	<LOQ	<LOQ	196	µg/g	0%	< 20	
b-Pinene	<LOQ	<LOQ	196	µg/g	0%	< 20	
b-Myrcene	<LOQ	<LOQ	196	µg/g	0%	< 20	
a-phelllandrene	<LOQ	<LOQ	196	µg/g	0%	< 20	
d-3-Carene	<LOQ	<LOQ	196	µg/g	0%	< 20	
a-Terpinene	<LOQ	<LOQ	196	µg/g	0%	< 20	
p-Cymene	<LOQ	<LOQ	196	µg/g	0%	< 20	
D-Limonene	<LOQ	<LOQ	196	µg/g	0%	< 20	
Eucalyptol	<LOQ	<LOQ	196	µg/g	0%	< 20	
b-cis-Ocimene	<LOQ	<LOQ	65.2	µg/g	0%	< 20	
b-trans-Ocimene	<LOQ	<LOQ	130	µg/g	0%	< 20	
g-Terpinene	<LOQ	<LOQ	196	µg/g	0%	< 20	
Sabinene_Hydrate	<LOQ	<LOQ	196	µg/g	0%	< 20	
Terpinolene	<LOQ	<LOQ	196	µg/g	0%	< 20	
D-Fenchone	<LOQ	<LOQ	196	µg/g	0%	< 20	
Linalool	<LOQ	<LOQ	196	µg/g	0%	< 20	
Fenchol	<LOQ	<LOQ	196	µg/g	0%	< 20	
Camphor	<LOQ	<LOQ	196	µg/g	0%	< 20	
Isopulego	<LOQ	<LOQ	196	µg/g	0%	< 20	
Isoborneol	<LOQ	<LOQ	196	µg/g	0%	< 20	
Borneol	<LOQ	<LOQ	196	µg/g	0%	< 20	
DL-Menthol	<LOQ	<LOQ	196	µg/g	0%	< 20	
Terpineol	<LOQ	<LOQ	196	µg/g	0%	< 20	
Nerol	<LOQ	<LOQ	196	µg/g	0%	< 20	
Pulegone	<LOQ	<LOQ	196	µg/g	0%	< 20	
Gereniol	<LOQ	<LOQ	196	µg/g	0%	< 20	
Geranyl_Acetate	<LOQ	<LOQ	196	µg/g	0%	< 20	
a-Cedrene	<LOQ	<LOQ	196	µg/g	0%	< 20	
b-Caryophyllene	<LOQ	<LOQ	196	µg/g	0%	< 20	
a-Humulene	<LOQ	<LOQ	196	µg/g	0%	< 20	
Valenene	<LOQ	<LOQ	196	µg/g	0%	< 20	
cis-Nerolidol	<LOQ	<LOQ	196	µg/g	0%	< 20	
a-Farnesene	<LOQ	<LOQ	196	µg/g	0%	< 20	
trans-Nerolidol	<LOQ	<LOQ	196	µg/g	0%	< 20	
Caryophyllene_Oxide	<LOQ	<LOQ	196	µg/g	0%	< 20	
Guaiol	<LOQ	<LOQ	196	µg/g	0%	< 20	
Cedrol	<LOQ	<LOQ	196	µg/g	0%	< 20	
a-Bisabolol	<LOQ	<LOQ	196	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.