Columbia LABORATORIES
A Tentamus Company

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

Report Number:	22-005769/D006.R000
Report Date:	05/26/2022
ORELAP#:	OR100028
Purchase Order:	
Received:	05/18/22 10:39

Customer: Lifted Made
Product identity: Cantaloupe Honeydew BL-Puck 1322022LDB0000392 10mg D9
Client/Metrc ID: .
Laboratory ID: 22-005769-0002

Summary

Potency:

Analyte per 3.75g	Result	Limits	Units	Status
Δ9-THC per 3.75g	10.1		mg/3.75g	

THC-Total per 3.75g	10.1 mg/3.75g
CBD-Total per 3.75g	<LOQ

(Reported in milligrams per serving)

Residual Solvents:

All analytes passing and less than LOQ.

Pesticides:

All analytes passing and less than LOQ.

Metals:

Less than LOQ for all analytes.

Microbiology:

Less than LOQ for all analytes.

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Customer: Lifted Made
43360 N US HWY 41 Unit H
Zion Illinois 60099
United States of America (USA)

Product identity: Cantaloupe Honeydew BL-Puck 1322022LDB0000392 10mg D9
Client/Metrc ID:
Sample Date:
Laboratory ID: 22-005769-0002
Evidence of Cooling: No
Temp: 18.5 °C
Relinquished by: UPS
Serving Size #1: 3.75 g

Sample Results

Potency per 3.75g **Method** J AOAC 2015 V98-6 (mod) **Units** mg/se **Batch:** 2204404 **Analyze:** 5/24/22 9:07:00 AM

Analyte	Result	Limits	Units	LOQ	Notes
CBD per 3.75g	< LOQ		mg/3.75g	0.119	
CBD-A per 3.75g	< LOQ		mg/3.75g	0.119	
CBD-Total per 3.75g	< LOQ		mg/3.75g	0.224	
CBG per 3.75g†	< LOQ		mg/3.75g	0.119	
CBG-A per 3.75g†	< LOQ		mg/3.75g	0.119	
CBG-Total per 3.75g†	< LOQ		mg/3.75g	0.223	
CBN per 3.75g	< LOQ		mg/3.75g	0.119	
Δ8-THC per 3.75g†	< LOQ		mg/3.75g	0.119	
Δ9-THC per 3.75g	10.1		mg/3.75g	0.119	
THC-A per 3.75g	< LOQ		mg/3.75g	0.119	
THC-Total per 3.75g	10.1		mg/3.75g	0.224	

Microbiology

Analyte	Result	Limits	Units	LOQ	Batch	Analyze	Method	Status	Notes
Aerobic Plate Count	< LOQ		cfu/g	10	2204266	05/21/22	AOAC 990.12 (Petrifilm)		X
E.coli	< LOQ		cfu/g	10	2204264	05/21/22	AOAC 991.14 (Petrifilm)		X
Total Coliforms	< LOQ		cfu/g	10	2204264	05/21/22	AOAC 991.14 (Petrifilm)		X
Mold (RAPID Petrifilm)	< LOQ		cfu/g	10	2204265	05/22/22	AOAC 2014.05 (RAPID)		X
Yeast (RAPID Petrifilm)	< LOQ		cfu/g	10	2204265	05/22/22	AOAC 2014.05 (RAPID)		X

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Solvents **Method** Residual Solvents by GC/MS **Units** µg/g **Batch** 2204489 **Analyze** 05/26/22 10:42 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** 2204339 **Analyze** 05/23/22 09:31 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							

Metals

Analyte	Result	Limits	Units	LOQ	Batch	Analyze	Method	Status	Notes
Arsenic	< LOQ	0.200	mg/kg	0.0165	2204301	05/19/22	AOAC 2013.06 (mod.)	pass	X
Cadmium	< LOQ	0.200	mg/kg	0.0165	2204301	05/19/22	AOAC 2013.06 (mod.)	pass	X
Lead	< LOQ	0.500	mg/kg	0.0165	2204301	05/19/22	AOAC 2013.06 (mod.)	pass	X
Mercury	< LOQ	0.100	mg/kg	0.00827	2204301	05/19/22	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

cfu/g = Colony forming units per gram
g = g
µg/g = Microgram per gram
mg/kg = Milligram per kilogram = parts per million (ppm)
mg/3.75g = Milligram per 3.75g
% = 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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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: 2204339		
Method Blank				Laboratory Control Sample						
Analyte	Blank Result	Blank Limits	Notes	LCS Result	LCS Spike	LCS % Rec	Limits		Notes
Abamectin	0.000	< 0.250		0.987	1.000	98.7	50.0	150	
Acephate	0.000	< 0.250		0.951	1.000	95.1	60.0	120	
Acequinocyl	0.000	< 1.000		3.149	4.000	78.7	40.0	160	
Acetamiprid	0.000	< 0.100		0.388	0.400	97.0	60.0	120	
Aldicarb	0.000	< 0.200		0.790	0.800	98.7	60.0	120	
Azoxystrobin	0.007	< 0.100		0.392	0.400	98.1	60.0	120	
Bifenazate	0.000	< 0.100		0.369	0.400	92.2	60.0	120	
Bifenthrin	0.000	< 0.100		0.346	0.400	86.6	50.0	150	
Boscalid	0.000	< 0.200		0.742	0.800	92.7	60.0	120	
Carbaryl	0.000	< 0.100		0.391	0.400	97.8	60.0	120	
Carbofuran	0.000	< 0.100		0.370	0.400	92.4	60.0	120	
Chlorantraniliprole	0.000	< 0.100		0.377	0.400	94.2	60.0	120	
Chlorfenapyr	0.000	< 0.500		3.459	2.000	***173.0***	60.0	120	Q1
Chlorpyrifos	0.000	< 0.100		0.403	0.400	100.7	60.0	120	
Clofentezine	0.000	< 0.100		0.273	0.400	68.3	60.0	120	
Cyfluthrin	0.000	< 0.500		2.083	2.000	104.2	50.0	150	
Cypermethrin	0.000	< 0.500		2.004	2.000	100.2	50.0	150	
Daminozide	0.000	< 0.500		0.658	2.000	***32.9***	60.0	120	Q6
Diazinon	0.000	< 0.100		0.397	0.400	99.2	60.0	120	
Dichlorvos	0.000	< 0.500		2.346	2.000	117.3	60.0	120	
Dimethoate	0.000	< 0.100		0.395	0.400	98.8	60.0	120	
Ethoprophos	0.000	< 0.100		0.401	0.400	100.3	60.0	120	
Etofenprox	0.000	< 0.200		0.755	0.800	94.3	50.0	150	
Etoxazole	0.000	< 0.100		0.459	0.400	114.8	60.0	120	
Fenoxycarb	0.000	< 0.100		0.372	0.400	92.9	60.0	120	
Fenpyroximate	0.000	< 0.200		0.876	0.800	109.5	60.0	120	
Fipronil	0.000	< 0.200		0.740	0.800	92.5	60.0	120	
Flonicamid	0.000	< 0.250		1.003	1.000	100.3	60.0	120	
Fludioxonil	0.000	< 0.200		0.837	0.800	104.6	50.0	150	
Hexythiazox	0.000	< 0.250		1.764	1.000	***176.4***	60.0	120	Q1
Imazalil	0.000	< 0.100		0.409	0.400	102.2	60.0	120	
Imidacloprid	0.000	< 0.200		0.777	0.800	97.2	60.0	120	
Kresoxim-methyl	0.000	< 0.200		0.757	0.800	94.7	60.0	120	
Malathion	0.000	< 0.100		0.373	0.400	93.2	60.0	120	
Metalaxyl	0.000	< 0.100		0.391	0.400	97.8	60.0	120	
Methiocarb	0.000	< 0.100		0.385	0.400	96.2	60.0	120	
Methomyl	0.000	< 0.200		0.713	0.800	89.1	60.0	120	
MGK-264	0.000	< 0.100		0.375	0.400	93.7	50.0	150	
Myclobutanil	0.000	< 0.100		0.363	0.400	90.8	60.0	120	
Naled	0.000	< 0.250		0.585	1.000	58.5	50.0	150	
Oxamyl	0.000	< 0.500		1.974	2.000	98.7	60.0	120	
Paclobutrazole	0.000	< 0.200		0.730	0.800	91.2	60.0	120	
Parathion-Methyl	0.000	< 0.200		0.799	0.800	99.9	50.0	150	
Permethrin	0.000	< 0.100		0.372	0.400	93.0	50.0	150	
Phosmet	0.000	< 0.100		0.373	0.400	93.2	50.0	150	
Piperonyl butoxide	0.000	< 0.500		1.914	2.000	95.7	60.0	120	
Prallethrin	0.000	< 0.100		0.369	0.400	92.3	60.0	120	
Propiconazole	0.000	< 0.200		0.682	0.800	85.3	60.0	120	
Propoxur	0.000	< 0.100		0.397	0.400	99.3	60.0	120	
Pyrethrin (Summe)	0.001	< 0.100		0.419	0.413	101.4	60.0	120	
Pyridaben	0.000	< 0.100		0.408	0.400	102.0	50.0	150	
Spinosad	0.000	< 0.100		3.350	0.388	***863.4***	50.0	150	Q1
Spiromesifen	0.000	< 0.100		0.389	0.400	97.3	60.0	120	
Spirotetramat	0.000	< 0.100		0.360	0.400	90.0	60.0	120	
Spiroxamine	0.000	< 0.200		0.727	0.800	90.9	60.0	120	
Tebuconazole	0.000	< 0.200		0.747	0.800	93.4	60.0	120	
Thiacloprid	0.000	< 0.100		0.382	0.400	95.6	60.0	120	
Thiamethoxam	0.000	< 0.100		0.390	0.400	97.5	60.0	120	
Trifloxystrobin	0.000	< 0.100		0.373	0.400	93.4	60.0	120	

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Legacy ID: CFL-C21 Worksheet Validated 10/30/2020

Laboratory Pesticide Quality Control Results

AOAC 2007.1 & EN 15662 — **Units:** mg/Kg — **Batch ID:** 2204339

Matrix Spike/Matrix Spike Duplicate Recoveries — **Sample ID:** 22-005644-0001

Analyte	Result	MS Res	MSD Res	Spike	RPD%	Limit	MS % Rec	MSD % Rec	Limits	Notes
Abamectin	0.000	0.958	0.902	1.000	6.0%	< 30	95.8%	90.2%	50 - 150	
Acephate	0.011	1.004	1.028	1.000	2.4%	< 30	99.3%	101.7%	50 - 150	
Acequinocyl	1.041	3.130	3.579	4.000	19.5%	< 30	52.2%	63.5%	50 - 150	
Acetamiprid	0.000	0.490	0.499	0.400	1.7%	< 30	122.6%	124.7%	50 - 150	
Aldicarb	0.000	0.906	0.911	0.800	0.5%	< 30	113.3%	113.8%	50 - 150	
Azoxystrobin	0.000	0.514	0.535	0.400	4.0%	< 30	128.6%	133.9%	50 - 150	
Bifenazate	0.000	0.438	0.451	0.400	2.9%	< 30	109.6%	112.9%	50 - 150	
Bifenthrin	0.000	0.088	0.091	0.400	2.6%	< 30	22.1%	22.7%	50 - 150	Q
Boscalid	0.000	0.968	0.975	0.800	0.8%	< 30	121.0%	121.9%	50 - 150	
Carbaryl	0.000	0.501	0.508	0.400	1.3%	< 30	125.3%	126.9%	50 - 150	
Carbofuran	0.000	0.516	0.524	0.400	1.5%	< 30	129.0%	130.9%	50 - 150	
Chlorantraniliprole	0.000	0.397	0.399	0.400	0.5%	< 30	99.3%	99.8%	50 - 150	
Chlorfenapyr	0.000	4.922	5.028	2.000	2.1%	< 30	246.1%	251.4%	50 - 150	Q
Chlorpyrifos	0.000	0.471	0.456	0.400	3.2%	< 30	117.6%	114.0%	50 - 150	
Clofentezine	0.000	0.253	0.262	0.400	3.4%	< 30	63.3%	65.5%	50 - 150	
Cyfluthrin	0.000	2.099	2.201	2.000	4.7%	< 30	105.0%	110.0%	30 - 150	
Cypermethrin	0.000	2.333	2.430	2.000	4.1%	< 30	116.6%	121.5%	50 - 150	
Daminozide	0.006	0.786	0.816	2.000	3.7%	< 30	39.0%	40.5%	30 - 150	
Diazinon	0.000	0.468	0.481	0.400	2.8%	< 30	116.9%	120.3%	50 - 150	
Dichlorvos	0.000	2.541	2.522	2.000	0.7%	< 30	127.0%	126.1%	50 - 150	
Dimethoate	0.000	0.470	0.475	0.400	1.0%	< 30	117.6%	118.8%	50 - 150	
Ethoprophos	0.000	0.449	0.457	0.400	1.7%	< 30	112.2%	114.2%	50 - 150	
Etofenprox	0.000	1.429	1.472	0.800	3.0%	< 30	178.6%	184.0%	50 - 150	Q
Etoxazole	0.000	0.836	0.871	0.400	4.0%	< 30	209.1%	217.6%	50 - 150	Q
Fenoxycarb	0.000	0.418	0.442	0.400	5.5%	< 30	104.6%	110.6%	50 - 150	
Fenpyroximate	0.000	0.836	0.857	0.800	2.5%	< 30	104.5%	107.2%	50 - 150	
Fipronil	0.000	0.833	0.856	0.800	2.7%	< 30	104.2%	107.0%	50 - 150	
Flonicamid	0.000	0.860	0.936	1.000	8.4%	< 30	86.0%	93.6%	50 - 150	
Fludioxonil	0.000	0.807	0.772	0.800	4.4%	< 30	100.9%	96.5%	50 - 150	
Hexythiazox	0.000	2.662	2.782	1.000	4.4%	< 30	266.2%	278.2%	50 - 150	Q
Imazalil	0.000	0.534	0.555	0.400	3.9%	< 30	133.4%	138.8%	50 - 150	
Imidacloprid	0.000	0.754	0.764	0.800	1.3%	< 30	94.2%	95.5%	50 - 150	
Kresoxim-methyl	0.000	0.869	0.941	0.800	8.0%	< 30	108.6%	117.7%	50 - 150	
Malathion	0.000	0.497	0.516	0.400	3.7%	< 30	124.2%	128.9%	50 - 150	
Metalaxyl	0.000	0.462	0.479	0.400	3.6%	< 30	115.5%	119.7%	50 - 150	
Methiocarb	0.000	0.442	0.450	0.400	1.8%	< 30	110.4%	112.4%	50 - 150	
Methomyl	0.000	0.693	0.818	0.800	16.5%	< 30	86.7%	102.3%	50 - 150	
MGK-264	0.000	0.378	0.386	0.400	2.1%	< 30	94.5%	96.5%	50 - 150	
Myclobutanil	0.000	0.434	0.434	0.400	0.0%	< 30	108.5%	108.6%	50 - 150	
Naled	0.000	1.188	1.224	1.000	3.0%	< 30	118.8%	122.4%	50 - 150	
Oxamyl	0.000	1.838	2.003	2.000	8.6%	< 30	91.9%	100.1%	50 - 150	
Paclobutrazole	0.000	0.849	0.879	0.800	3.4%	< 30	106.2%	109.9%	50 - 150	
Parathion-Methyl	0.000	1.006	0.984	0.800	2.3%	< 30	125.8%	123.0%	30 - 150	
Permethrin	0.000	0.365	0.366	0.400	0.3%	< 30	91.1%	91.4%	50 - 150	
Phosmet	0.000	0.461	0.488	0.400	5.6%	< 30	115.3%	121.9%	50 - 150	
Piperonyl butoxide	0.000	2.212	2.342	2.000	5.7%	< 30	110.6%	117.1%	50 - 150	
Prallethrin	0.000	0.336	0.337	0.400	0.3%	< 30	84.0%	84.2%	50 - 150	
Propiconazole	0.000	0.931	0.975	0.800	4.7%	< 30	116.4%	121.9%	50 - 150	
Propoxur	0.006	0.498	0.500	0.400	0.5%	< 30	122.9%	123.5%	50 - 150	
Pyrethrin (Summe)	0.002	0.411	0.419	0.413	2.0%	< 30	99.1%	101.1%	50 - 150	
Pyridaben	0.000	0.514	0.540	0.400	4.9%	< 30	128.5%	135.1%	50 - 150	
Spinosad	0.000	3.177	3.680	0.388	14.7%	< 30	818.8%	948.5%	50 - 150	Q1
Spiromesifen	0.000	0.617	0.627	0.400	1.7%	< 30	154.1%	156.8%	50 - 150	Q
Spirotetramat	0.000	0.404	0.417	0.400	3.2%	< 30	100.9%	104.2%	50 - 150	
Spiroxamine	0.000	0.872	0.892	0.800	2.2%	< 30	109.0%	111.5%	50 - 150	
Tebuconazole	0.000	0.887	0.912	0.800	2.7%	< 30	110.9%	114.0%	50 - 150	
Thiacloprid	0.000	0.499	0.516	0.400	3.2%	< 30	124.9%	129.0%	50 - 150	
Thiamethoxam	0.000	0.337	0.384	0.400	13.0%	< 30	84.3%	96.1%	50 - 150	
Trifloxystrobin	0.000	0.668	0.687	0.400	2.8%	< 30	166.9%	171.7%	50 - 150	Q

Columbia LABORATORIES
A Tentamus Company

12423 NE Whitaker Way
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503-254-1794

Report Number: 22-005769/D006.R000
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Laboratory Quality Control Results

J AOAC 2015 V98-6 **Batch ID: 2204404**

Laboratory Control Sample

Analyte	LCS	Result	Spike	Units	% Rec	Limits	Evaluation	Notes
CBDVA	1	0.0339	0.033	%	102	80.0 - 120	Acceptable	
CBDV	1	0.0355	0.033	%	107	80.0 - 120	Acceptable	
CBE	1	0.0323	0.033	%	96.8	80.0 - 120	Acceptable	
CBDA	1	0.0342	0.033	%	103	90.0 - 110	Acceptable	
CBGA	1	0.0321	0.033	%	96.4	80.0 - 120	Acceptable	
CBG	1	0.0320	0.033	%	95.9	80.0 - 120	Acceptable	
CBD	1	0.0338	0.033	%	102	90.0 - 110	Acceptable	
THCV	1	0.0329	0.033	%	98.8	80.0 - 120	Acceptable	
d8THCV	1	0.0338	0.033	%	101	80.0 - 120	Acceptable	
THCVA	1	0.0323	0.033	%	96.8	80.0 - 120	Acceptable	
CBN	1	0.0339	0.033	%	102	90.0 - 110	Acceptable	
exo-THC	1	0.0316	0.033	%	94.8	80.0 - 120	Acceptable	
d9THC	1	0.0332	0.033	%	99.7	90.0 - 110	Acceptable	
d8THC	1	0.0294	0.033	%	88.2	80.0 - 120	Acceptable	
CBL	1	0.0314	0.033	%	94.3	80.0 - 120	Acceptable	
CBC	1	0.0324	0.033	%	97.3	80.0 - 120	Acceptable	
THCA	1	0.0354	0.033	%	106	90.0 - 110	Acceptable	
CBCA	1	0.0336	0.033	%	101	80.0 - 120	Acceptable	
CBLA	1	0.0340	0.033	%	102	80.0 - 120	Acceptable	
CBT	1	0.0294	0.033	%	88.2	80.0 - 120	Acceptable	

Method Blank

Analyte	Result	LOQ	Units	Limits	Evaluation	Notes
CBDVA	<LOQ	0.003	%	< 0.003	Acceptable	
CBDV	<LOQ	0.003	%	< 0.003	Acceptable	
CBE	<LOQ	0.003	%	< 0.003	Acceptable	
CBDA	<LOQ	0.003	%	< 0.003	Acceptable	
CBGA	<LOQ	0.003	%	< 0.003	Acceptable	
CBG	<LOQ	0.003	%	< 0.003	Acceptable	
CBD	<LOQ	0.003	%	< 0.003	Acceptable	
THCV	<LOQ	0.003	%	< 0.003	Acceptable	
d8THCV	<LOQ	0.003	%	< 0.003	Acceptable	
THCVA	<LOQ	0.003	%	< 0.003	Acceptable	
CBN	<LOQ	0.003	%	< 0.003	Acceptable	
exo-THC	<LOQ	0.003	%	< 0.003	Acceptable	
d9THC	<LOQ	0.003	%	< 0.003	Acceptable	
d8THC	<LOQ	0.003	%	< 0.003	Acceptable	
CBL	<LOQ	0.003	%	< 0.003	Acceptable	
CBC	<LOQ	0.003	%	< 0.003	Acceptable	
THCA	<LOQ	0.003	%	< 0.003	Acceptable	
CBCA	<LOQ	0.003	%	< 0.003	Acceptable	
CBLA	<LOQ	0.003	%	< 0.003	Acceptable	
CBT	<LOQ	0.003	%	< 0.003	Acceptable	

Abbreviations

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

Units of Measure:

% - Percent

Columbia LABORATORIES
A Tentamus Company

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Laboratory Quality Control Results

J AOAC 2015 V98-6 **Batch ID: 2204404**

Sample Duplicate Sample ID: **22-001948-0002**

Analyte	Result	Org. Result	LOQ	Units	RPD	Limits	Evaluation	Notes
CBDVA	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBDV	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBE	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBDA	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBGA	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBG	0.00340	0.00351	0.003	%	3.21	< 20	Acceptable	
CBD	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
THCV	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
d8THCV	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
THCVA	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBN	0.125	0.129	0.003	%	3.31	< 20	Acceptable	
exo-THC	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
d9THC	0.126	0.130	0.003	%	3.22	< 20	Acceptable	
d8THC	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBL	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBC	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
THCA	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBCA	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBLA	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBT	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	

Abbreviations

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

Units of Measure:

Columbia LABORATORIES
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Laboratory Quality Control Results

Residual Solvents **Batch ID:** 2204489

Method Blank					Laboratory Control Sample							
Analyte	**Result**		**LOQ**	**Notes**	**Result**	**Spike**	**Units**	**% Rec**	**Limits**			**Notes**
Propane	ND	<	200		595	572	µg/g	104.0	60	-	120	
Isobutane	ND	<	200		928	731	µg/g	126.9	60	-	120	Q1
Butane	ND	<	200		891	731	µg/g	121.9	60	-	120	Q1
2,2-Dimethylpropane	ND	<	200		1030	936	µg/g	110.0	60	-	120	
Methanol	ND	<	200		1720	1620	µg/g	106.2	60	-	120	
Ethylene Oxide	ND	<	30		66.5	56.2	µg/g	118.3	60	-	120	
2-Methylbutane	ND	<	200		1790	1620	µg/g	110.5	60	-	120	
Pentane	ND	<	200		1790	1610	µg/g	111.2	60	-	120	
Ethanol	ND	<	200		1940	1630	µg/g	119.0	70	-	130	
Ethyl Ether	ND	<	200		1760	1620	µg/g	108.6	60	-	120	
2,2-Dimethylbutane	ND	<	30		187	174	µg/g	107.5	60	-	120	
Acetone	ND	<	200		1620	1650	µg/g	98.2	60	-	120	
2-Propanol	ND	<	200		1770	1610	µg/g	109.9	60	-	120	
Ethyl Formate	ND	<	500		1490	1600	µg/g	93.1	70	-	130	
Acetonitrile	ND	<	100		545	498	µg/g	109.4	60	-	120	
Methyl Acetate	ND	<	500		1820	1610	µg/g	113.0	70	-	130	
2,3-Dimethylbutane	ND	<	30		168	176	µg/g	95.5	60	-	120	
Dichloromethane	ND	<	60		593	510	µg/g	116.3	60	-	120	
2-Methylpentane	ND	<	30		176	176	µg/g	100.0	60	-	120	
MTBE	ND	<	500		1630	1600	µg/g	101.9	70	-	130	
3-Methylpentane	ND	<	30		188	175	µg/g	107.4	60	-	120	
Hexane	ND	<	30		191	177	µg/g	107.9	60	-	120	
1-Propanol	ND	<	500		1730	1610	µg/g	107.5	70	-	130	
Methylethylketone	ND	<	500		1840	1600	µg/g	115.0	70	-	130	
Ethyl acetate	ND	<	200		1930	1630	µg/g	118.4	60	-	120	
2-Butanol	ND	<	200		2320	1620	µg/g	143.2	60	-	120	Q1
Tetrahydrofuran	ND	<	100		608	500	µg/g	121.6	60	-	120	Q1
Cyclohexane	ND	<	200		1860	1620	µg/g	114.8	60	-	120	
2-methyl-1-propanol	ND	<	500		1940	1620	µg/g	119.8	70	-	130	
Benzene	ND	<	1		5.74	5.32	µg/g	107.9	60	-	120	
Isopropyl Acetate	ND	<	200		1820	1620	µg/g	112.3	60	-	120	
Heptane	ND	<	200		1870	1770	µg/g	105.6	60	-	120	
1-Butanol	ND	<	500		1830	1600	µg/g	114.4	70	-	130	
Propyl Acetate	ND	<	500		1810	1600	µg/g	113.1	70	-	130	
1,4-Dioxane	ND	<	100		559	504	µg/g	110.9	60	-	120	
2-Ethoxyethanol	ND	<	30		201	181	µg/g	111.0	60	-	120	
Methylisobutylketone	ND	<	500		1770	1610	µg/g	109.9	70	-	130	
3-Methyl-1-butanol	ND	<	500		1670	1610	µg/g	103.7	70	-	130	
Ethylene Glycol	ND	<	200		351	494	µg/g	71.1	60	-	120	
Toluene	ND	<	100		521	491	µg/g	106.1	60	-	120	
Isobutyl Acetate	ND	<	500		2080	1600	µg/g	130.0	70	-	130	
1-Pentanol	ND	<	500		1840	1610	µg/g	114.3	70	-	130	
Butyl Acetate	ND	<	500		1830	1610	µg/g	113.7	70	-	130	
Ethylbenzene	ND	<	200		1000	973	µg/g	102.8	60	-	120	
m,p-Xylene	ND	<	200		995	996	µg/g	99.9	60	-	120	
o-Xylene	ND	<	200		1000	973	µg/g	102.8	60	-	120	
Cumene	ND	<	30		186	170	µg/g	109.4	60	-	120	
Anisole	ND	<	500		1700	1610	µg/g	105.6	70	-	130	
DMSO	ND	<	500		1510	1630	µg/g	92.6	70	-	130	
1,2-dimethoxyethane	ND	<	50		192	164	µg/g	117.1	70	-	130	
Triethylamine	ND	<	500		1590	1600	µg/g	99.4	70	-	130	
N,N-dimethylformamide	ND	<	150		569	497	µg/g	114.5	70	-	130	
N,N-dimethylacetamide	ND	<	150		456	498	µg/g	91.6	70	-	130	
Pyridine	ND	<	50		243	180	µg/g	135.0	70	-	130	Q1
1,2-Dichloroethane	ND	<	1		0.881	1	µg/g	88.1	70	-	130	
Chloroform	ND	<	1		1.03	1	µg/g	103.0	70	-	130	
Trichloroethylene	ND	<	1		1.03	1	µg/g	103.0	70	-	130	

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ORELAP#: OR100028
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QC - Sample Duplicate **Sample ID: 22-005769-0001**

Analyte	Result	Org. Result	LOQ	Units	RPD	Limits	Accept/Fail	Notes
Propane	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Isobutane	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Butane	ND	ND	200	µg/g	0.0	< 20	Acceptable	
2,2-Dimethylpropane	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Methanol	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Ethylene Oxide	ND	ND	30	µg/g	0.0	< 20	Acceptable	
2-Methylbutane	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Pentane	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Ethanol	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Ethyl Ether	ND	ND	200	µg/g	0.0	< 20	Acceptable	
2,2-Dimethylbutane	ND	ND	30	µg/g	0.0	< 20	Acceptable	
Acetone	ND	ND	200	µg/g	0.0	< 20	Acceptable	
2-Propanol	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Ethyl Formate	ND	ND	500	µg/g	0.0	< 20	Acceptable	
Acetonitrile	ND	ND	100	µg/g	0.0	< 20	Acceptable	
Methyl Acetate	ND	ND	500	µg/g	0.0	< 20	Acceptable	
2,3-Dimethylbutane	ND	ND	30	µg/g	0.0	< 20	Acceptable	
Dichloromethane	ND	ND	60	µg/g	0.0	< 20	Acceptable	
2-Methylpentane	ND	ND	30	µg/g	0.0	< 20	Acceptable	
MTBE	ND	ND	500	µg/g	0.0	< 20	Acceptable	
3-Methylpentane	ND	ND	30	µg/g	0.0	< 20	Acceptable	
Hexane	ND	ND	30	µg/g	0.0	< 20	Acceptable	
1-Propanol	ND	ND	500	µg/g	0.0	< 20	Acceptable	
Methylethylketone	ND	ND	500	µg/g	0.0	< 20	Acceptable	
Ethyl acetate	ND	ND	200	µg/g	0.0	< 20	Acceptable	
2-Butanol	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Tetrahydrofuran	ND	ND	100	µg/g	0.0	< 20	Acceptable	
Cyclohexane	ND	ND	200	µg/g	0.0	< 20	Acceptable	
2-methyl-1-propanol	ND	ND	500	µg/g	0.0	< 20	Acceptable	
Benzene	ND	ND	1	µg/g	0.0	< 20	Acceptable	
Isopropyl Acetate	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Heptane	ND	ND	200	µg/g	0.0	< 20	Acceptable	
1-Butanol	ND	ND	500	µg/g	0.0	< 20	Acceptable	
Propyl Acetate	ND	ND	500	µg/g	0.0	< 20	Acceptable	
1,4-Dioxane	ND	ND	100	µg/g	0.0	< 20	Acceptable	
2-Ethoxyethanol	ND	ND	30	µg/g	0.0	< 20	Acceptable	
Methylisobutylketone	ND	ND	500	µg/g	0.0	< 20	Acceptable	
3-Methyl-1-butanol	ND	ND	500	µg/g	0.0	< 20	Acceptable	
Ethylene Glycol	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Toluene	ND	ND	100	µg/g	0.0	< 20	Acceptable	
Isobutyl Acetate	ND	ND	500	µg/g	0.0	< 20	Acceptable	
1-Pentanol	ND	ND	500	µg/g	0.0	< 20	Acceptable	
Butyl Acetate	ND	ND	500	µg/g	0.0	< 20	Acceptable	
Ethylbenzene	ND	ND	200	µg/g	0.0	< 20	Acceptable	
m,p-Xylene	ND	ND	200	µg/g	0.0	< 20	Acceptable	
o-Xylene	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Cumene	ND	ND	30	µg/g	0.0	< 20	Acceptable	
Anisole	ND	ND	500	µg/g	0.0	< 20	Acceptable	
DMSO	ND	ND	500	µg/g	0.0	< 20	Acceptable	
1,2-dimethoxyethane	ND	ND	50	µg/g	0.0	< 20	Acceptable	
Triethylamine	ND	ND	500	µg/g	0.0	< 20	Acceptable	
N,N-dimethylformamide	ND	ND	150	µg/g	0.0	< 20	Acceptable	
N,N-dimethylacetamide	ND	ND	150	µg/g	0.0	< 20	Acceptable	
Pyridine	ND	ND	50	µg/g	0.0	< 20	Acceptable	
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
Q1 - Quality control result biased high. Only non-detect samples reported.

Units of Measure:

µg/g- Microgram per gram or ppm

Columbia LABORATORIES
A Tentamus Company

12423 NE Whitaker Way
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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.