



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



Report Number: 24-009733/D001.R000
Report Date: 09/10/2024
ORELAP#: OR100028
Purchase Order:
Received: 09/03/24 12:06

Customer: NW Natural Goods
Product identity: BEV - BO 024233-1
Client/Metric ID: .
Laboratory ID: 24-009733-0001

Summary

Potency:

Analyte per 355ml	Result	Limits	Units	Status	
CBD per 355ml	52.1		mg/355ml		CBD-Total per Serving Size 52.1 mg/355ml
CBG per 355ml	1.32		mg/355ml		
					Delta-9-THC-Total per <LOQ
					(Reported in milligrams per serving)

Residual Solvents:

All analytes passing and less than LOQ.

Pesticides:

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

Metals:

Less than LOQ for all analytes.

Microbiology:

Less than LOQ for all analytes.



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Received: 09/03/24 12:06

Customer: NW Natural Goods
Product identity: BEV - BO 024233-1
Client/Metric ID: .
Sample Date:
Laboratory ID: 24-009733-0001
Evidence of Cooling: No
Temp: 20.9
Relinquished by: BR
Serving Size #1: 362.1 g
Density: 1.020 g/ml

Sample Results

Potency per 355ml	Method: J AOAC 2015 V98-6 (mod) ^b	Units mg/se	Batch: 2406877	Analyze: 9/6/24 4:19:00 PM	
Analyte	Result	Limits	Units	LOQ	Notes
CBC per 355ml	< LOQ		mg/355ml	0.361	
CBC-A per 355ml	< LOQ		mg/355ml	0.361	
CBC-Total per 355ml	< LOQ		mg/355ml	0.678	
CBD per 355ml	52.1		mg/355ml	0.361	
CBD-A per 355ml ¹	< LOQ		mg/355ml	0.361	
CBD-Total per 355ml ¹	52.1		mg/355ml	0.678	
CBDV per 355ml	< LOQ		mg/355ml	0.361	
CBDV-A per 355ml	< LOQ		mg/355ml	0.361	
CBDV-Total per 355ml	< LOQ		mg/355ml	0.675	
CBE per 355ml	< LOQ		mg/355ml	0.361	
CBG per 355ml	1.32		mg/355ml	0.361	
CBG-A per 355ml	< LOQ		mg/355ml	0.361	
CBG-Total per 355ml	1.32		mg/355ml	0.675	
CBL per 355ml	< LOQ		mg/355ml	0.361	
CBL-A per 355ml	< LOQ		mg/355ml	0.361	
CBL-Total per 355ml	< LOQ		mg/355ml	0.678	
CBN per 355ml	< LOQ		mg/355ml	0.361	
CBT per 355ml	< LOQ		mg/355ml	0.361	
Δ10-THC-9R per 355ml	< LOQ		mg/355ml	0.361	
Δ10-THC-9S per 355ml	< LOQ		mg/355ml	0.361	
Δ10-THC-Total per 355ml	< LOQ		mg/355ml	0.723	
Δ8-THC per 355ml ¹	< LOQ		mg/355ml	0.361	
Δ8-THCV per 355ml	< LOQ		mg/355ml	0.361	
Δ9-THC per 355ml ¹	< LOQ		mg/355ml	0.361	
Δ9-THC-Total per 355ml	< LOQ		mg/355ml	0.678	
Δ9-THCP per 355ml	< LOQ		mg/355ml	0.361	
Δ9-THCV per 355ml	< LOQ		mg/355ml	0.361	
Δ9-THCV-A per 355ml	< LOQ		mg/355ml	0.361	
Δ9-THCV-Total per 355ml	< LOQ		mg/355ml	0.679	
exo-THC per 355ml	< LOQ		mg/355ml	0.361	
THC-A per 355ml ¹	< LOQ		mg/355ml	0.361	



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Potency per 355ml	Method: J AOAC 2015 V98-6 (mod) ^b	Units mg/se	Batch: 2406877	Analyze: 9/6/24 4:19:00 PM
Analyte	Result	Limits	Units	LOQ
Total Cannabinoids per 355ml	53.5		mg/355ml	

Microbiology							
Analyte	Result	Limits	Units	LOQ	Batch	Analyzed Method	Status Notes
Aerobic Plate Count	< LOQ		cfu/g	10	2406737	09/06/24 AOAC 990.12 (Petrifilm)	
E.coli	< LOQ		cfu/g	10	2406735	09/06/24 AOAC 991.14 (Petrifilm)	
Total Coliforms	< LOQ		cfu/g	10	2406735	09/06/24 AOAC 991.14 (Petrifilm)	
Mold (RAPID Petrifilm)	< LOQ		cfu/g	10	2406736	09/07/24 AOAC 2014.05 (RAPID)	
Yeast (RAPID Petrifilm)	< LOQ		cfu/g	10	2406736	09/07/24 AOAC 2014.05 (RAPID)	

Solvents											
Method: Residual Solvents by HS-GC-MS ^b		Units µg/g		Batch 2406808		Analyze 09/05/24 01:08 PM					
Analyte	Result	Limits	LOQ	Status	Notes	Analyte	Result	Limits	LOQ	Status	Notes
1,4-Dioxane ¹	< LOQ	380	100	pass		2-Butanol ¹	< LOQ	5000	200	pass	
2-Ethoxyethanol ¹	< LOQ	160	30.0	pass		2-Methylbutane (Isopentane) ¹	< LOQ		200		
2-Methylpentane ¹	< LOQ		30.0			2-Propanol (IPA) ¹	< LOQ	5000	200	pass	
2,2-Dimethylbutane ¹	< LOQ		30.0			2,2-Dimethylpropane (neo-pentane) ¹	< LOQ		200		
2,3-Dimethylbutane ¹	< LOQ		30.0			3-Methylpentane ¹	< LOQ		30.0		
Acetone ¹	< LOQ	5000	200	pass		Acetonitrile ¹	< LOQ	410	100	pass	
Benzene ¹	< LOQ	2.00	1.00	pass		Butanes (sum) ¹	< LOQ	5000	400	pass	
Cyclohexane ¹	< LOQ	3880	200	pass		Ethyl acetate ¹	< LOQ	5000	200	pass	
Ethyl benzene	< LOQ		200			Ethyl ether ¹	< LOQ	5000	200	pass	
Ethylene glycol ¹	< LOQ	620	200	pass		Ethylene oxide ¹	< LOQ	50.0	20.0	pass	
Hexanes (sum) ¹	< LOQ	290	150	pass		Isopropyl acetate ¹	< LOQ	5000	200	pass	
Isopropylbenzene (Cumene) ¹	< LOQ	70.0	30.0	pass		m,p-Xylene ¹	< LOQ		200		
Methanol ¹	< LOQ	3000	200	pass		Methylene chloride ¹	< LOQ	600	60.0	pass	
Methylpropane (Isobutane) ¹	< LOQ		200			n-Butane ¹	< LOQ		200		
n-Heptane ¹	< LOQ	5000	200	pass		n-Hexane ¹	< LOQ		30.0		
n-Pentane ¹	< LOQ		200			o-Xylene ¹	< LOQ		200		
Pentanes (sum)	< LOQ	5000	600	pass		Propane	< LOQ	5000	200	pass	
Tetrahydrofuran ¹	< LOQ	720	100	pass		Toluene ¹	< LOQ	890	100	pass	
Total Xylenes ¹	< LOQ		400			Total Xylenes and Ethyl benzene	< LOQ	2170	600	pass	

Pesticides					
Method: AOAC 2007.01 & EN 15662 (mod)		Units mg/kg		Batch 2406939	
Analyte	Result	Limits	Status	Analyze 09/10/24 02:13 PM	
Multi-Residue Pesticide Profile	< LOQ for all analytes				



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Metals

Analyte	Result	Limits	Units	LOQ	Batch	Analyzed Method	Status	Notes
Arsenic ^L	< LOQ	0.200	mg/kg	0.00378	2406793	09/04/24 AOAC 2013.06 (mod.) ^P	pass	
Cadmium ^L	< LOQ	0.200	mg/kg	0.00378	2406793	09/04/24 AOAC 2013.06 (mod.) ^P	pass	
Lead ^L	< LOQ	0.500	mg/kg	0.00378	2406793	09/04/24 AOAC 2013.06 (mod.) ^P	pass	
Mercury ^L	< LOQ	0.100	mg/kg	0.00189	2406793	09/04/24 AOAC 2013.06 (mod.) ^P	pass	

Mycotoxins

Analyte	Result	Limits	Units	LOQ	Batch	Analyzed Method	Status	Notes
Aflatoxin B1 ^L	< LOQ		µg/kg	5.00	2406774	09/04/24 AOAC 2007.01 & EN 15662 (mod)		
Aflatoxin B2 ^L	< LOQ		µg/kg	5.00	2406774	09/04/24 AOAC 2007.01 & EN 15662 (mod)		
Aflatoxin G1 ^L	< LOQ		µg/kg	5.00	2406774	09/04/24 AOAC 2007.01 & EN 15662 (mod)		
Aflatoxin G2 ^L	< LOQ		µg/kg	5.00	2406774	09/04/24 AOAC 2007.01 & EN 15662 (mod)		
Ochratoxin A ^L	< LOQ	20.0	µg/kg	5.00	2406774	09/04/24 AOAC 2007.01 & EN 15662 (mod)	pass	
Total Aflatoxins	< LOQ	20.0	µg/kg	20.0		09/10/24 AOAC 2007.01 & EN 15662 (mod) ^P	pass	



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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.

Ⓟ = ISO/IEC 17025:2017 accredited method.
Ⓡ = TNI accredited analyte.

Units of Measure

- cfu/g = Colony forming units per gram
- g = Gram
- g/ml = Gram per milliliter
- µg/g = Microgram per gram
- µg/kg = Micrograms per kilogram = parts per billion (ppb)
- mg/kg = Milligram per kilogram = parts per million (ppm)
- mg/355ml = Milligram per 355ml
- % = Percentage of sample
- % wt = µg/g divided by 10,000

Approved Signatory

Derrick Tanner
General Manager



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Hemp & Cannabis
 Chain of Custody

NW-Natural-Goods-
 1725066978

Company Details Company: NW Natural Goods [Redacted] [Redacted] [Redacted] [Redacted] [Redacted] [Redacted] [Redacted] [Redacted]		Project Details Turnaround Time: <u>5 Business Days</u> Req. For Micro Testing Standard Relinquishment Sampling, Courier & Shipping Options: <u>Pick-Up Courier Service</u> Pick-Up Details Pick-Up Location Name: <u>NW Natural Goods</u> [Redacted] [Redacted] [Redacted]			Testing H0010 - Cannabis Heavy Metals Pro Ie CR H0008 - Residual Solvents (Cannabis - Oregon) H0010 - Potency Cannabis (Basic+Expanded) M1010 - Micro Pro Ie D P2320 - Multi-Residue Pesticide Pro Ie (Cannabis) H0042 - A. atoxins+Ochratoxin QLCC						
Receipt Information Prelog Storage: Canna Shelves Sample Condition: Satisfactory											
#	Sample Name	Material	Amount Provided	Reporting Unit	Serving Size						
1	BEV- B0024233-1	Cannabinoid Beverage	4 each	mg/g & mg/serving	362.1g	✓	✓	✓	✓	✓	✓

Relinquished By	Date	Time	Temp., °C	Received By	Date	Time	Received Temp., °C	Evidence of Cooling?
JOE MANGAN	08/30/2024	18:16		BR	09/03/2024	10:25	25	No
BR	09/03/2024	11:00	20.9	jsh	09/03/2024	12:06	25	No

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

Columbia Laboratories
 12423 NE Whitaker Way
 Portland, OR 97230

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Page 1 of 1
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Laboratory Quality Control Results

Residual Solvents				Batch ID: 2406808			
Method Blank				Laboratory Control Sample			
Analyte	Result	LOQ	Notes	Result	Spike	Units	% Rec. Limits Notes
Propane	ND	< 200		622	585	µg/g	106.3 60 - 120
Isobutane	ND	< 200		778	770	µg/g	101.0 60 - 120
Butane	ND	< 200		788	769	µg/g	102.5 60 - 120
2,2-Dimethylpropane	ND	< 200		1010	956	µg/g	105.6 60 - 120
Methanol	ND	< 200		1710	1630	µg/g	104.9 60 - 120
Ethylene Oxide	ND	< 30		57.9	57.7	µg/g	100.3 60 - 120
2-Methylbutane	ND	< 200		1660	1620	µg/g	102.5 60 - 120
Pertane	ND	< 200		1640	1620	µg/g	101.2 60 - 120
Ethanol	ND	< 200		1720	1620	µg/g	106.2 70 - 130
Ethyl Ether	ND	< 200		1710	1620	µg/g	105.6 60 - 120
2,2-Dimethylbutane	ND	< 30		192	179	µg/g	107.3 60 - 120
Acetone	ND	< 200		1730	1620	µg/g	106.8 60 - 120
2-Propanol	ND	< 200		1730	1620	µg/g	106.8 60 - 120
Ethyl Formate	ND	< 500		1330	1610	µg/g	82.6 70 - 130
Acetonitrile	ND	< 100		525	502	µg/g	104.6 60 - 120
Methyl Acetate	ND	< 500		1700	1610	µg/g	105.6 70 - 130
2,3-Dimethylbutane	ND	< 30		185	180	µg/g	102.8 60 - 120
Dichloromethane	ND	< 60		565	533	µg/g	106.0 60 - 120
2-Methylpentane	ND	< 30		190	181	µg/g	105.0 60 - 120
MTBE	ND	< 500		1620	1600	µg/g	101.3 70 - 130
3-Methylpentane	ND	< 30		188	177	µg/g	106.2 60 - 120
Hexane	ND	< 30		190	182	µg/g	104.4 60 - 120
1-Propanol	ND	< 500		1660	1610	µg/g	103.1 70 - 130
Methylethylketone	ND	< 500		1740	1600	µg/g	108.8 70 - 130
Ethyl acetate	ND	< 200		1750	1620	µg/g	108.0 60 - 120
2-Butanol	ND	< 200		1750	1630	µg/g	107.4 60 - 120
Tetrahydrofuran	ND	< 100		540	499	µg/g	108.2 60 - 120
Cyclohexane	ND	< 200		1700	1610	µg/g	105.6 60 - 120
2-methyl-1-propanol	ND	< 500		1660	1600	µg/g	103.8 70 - 130
Benzene	ND	< 1		5.45	5.01	µg/g	108.8 60 - 120
Isopropyl Acetate	ND	< 200		1740	1620	µg/g	107.4 60 - 120
Heptane	ND	< 200		1670	1610	µg/g	103.7 60 - 120
1-Butanol	ND	< 500		1730	1600	µg/g	108.1 70 - 130
Propyl Acetate	ND	< 500		1740	1600	µg/g	108.8 70 - 130
1,4-Dioxane	ND	< 100		529	493	µg/g	107.3 60 - 120
2-Ethoxyethanol	ND	< 30		192	182	µg/g	105.5 60 - 120
Methylisobutylketone	ND	< 500		1680	1610	µg/g	104.3 70 - 130
3-Methyl-1-butanol	ND	< 500		1670	1600	µg/g	104.4 70 - 130
Ethylene Glycol	ND	< 200		470	501	µg/g	93.8 60 - 120
Toluene	ND	< 100		544	501	µg/g	108.6 60 - 120
Isobutyl Acetate	ND	< 500		1760	1600	µg/g	110.0 70 - 130
1-Pentanol	ND	< 500		1870	1600	µg/g	116.9 70 - 130
Butyl Acetate	ND	< 500		1840	1600	µg/g	115.0 70 - 130
Ethylbenzene	ND	< 200		1100	981	µg/g	112.1 60 - 120
m,p-Xylene	ND	< 200		1120	1000	µg/g	112.0 60 - 120
o-Xylene	ND	< 200		1080	981	µg/g	110.1 60 - 120
Cumene	ND	< 30		193	177	µg/g	109.0 60 - 120
Anisole	ND	< 500		1570	1610	µg/g	97.5 70 - 130
DMSO	ND	< 500		1540	1600	µg/g	96.3 70 - 130
1,2-dimethoxyethane	ND	< 50		166	161	µg/g	103.1 70 - 130
Triethylamine	ND	< 500		1580	1600	µg/g	98.8 70 - 130
N,N-dimethylformamide	ND	< 150		554	484	µg/g	114.5 70 - 130
N,N-dimethylacetamide	ND	< 150		555	497	µg/g	111.7 70 - 130
Pyridine	ND	< 50		193	162	µg/g	119.1 70 - 130
Sulfolane	ND	< 50		163	166	µg/g	98.2 70 - 130
1,2-Dichloroethane	ND	< 1		1.13	1	µg/g	113.0 70 - 130
Chloroform	ND	< 1		1.1	1	µg/g	110.0 70 - 130
Trichloroethylene	ND	< 1		1.09	1	µg/g	109.0 70 - 130
1,1-Dichloroethane	ND	< 1		1.11	1	µg/g	111.0 70 - 130


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

QC- Sample Duplicate

Sample ID: 24-009622-0001

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	
Pertane	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	
Sulfone	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	
1,1-Dichloroethane	ND	ND	1 µg/g	0.0	< 20	Acceptable	

Abbreviations

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

Units of Measure:

µg/g- Microgram per gram or ppm



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Revision: 4 Document ID: 7148
 Legacy ID: Worksheet Validated 04/20/2021

Laboratory Quality Control Results

J AOAC 2015 V98-6 Batch ID: 0

Laboratory Control Sample

Analyte	LCS	Result	Spike	Units	% Rec	Limits	Evaluation	Notes
CBDVA	2	0.0010	0.0010	%	103	80.0 - 120	Acceptable	
CBDV	2	0.00106	0.00103	%	103	80.0 - 120	Acceptable	
CBE	2	0.00101	0.0010	%	102	80.0 - 120	Acceptable	
CBDA	1	0.0009	0.0009	%	101	90.0 - 110	Acceptable	
CBGA	1	0.0009	0.0009	%	100	80.0 - 120	Acceptable	
CBG	1	0.00106	0.00105	%	101	80.0 - 120	Acceptable	
CBD	1	0.00110	0.00108	%	102	90.0 - 110	Acceptable	
THCV	2	0.00109	0.00106	%	103	80.0 - 120	Acceptable	
d8THCV	2	0.00106	0.00104	%	102	80.0 - 120	Acceptable	
THCVA	2	0.0010	0.0009	%	102	80.0 - 120	Acceptable	
CBN	1	0.00104	0.00102	%	102	80.0 - 120	Acceptable	
exo-THC	2	0.0009	0.0009	%	103	80.0 - 120	Acceptable	
d9THC	1	0.00116	0.00109	%	107	90.0 - 110	Acceptable	
d8THC	1	0.0007	0.0007	%	97.6	90.0 - 110	Acceptable	
9S-d10THC	1	0.0010	0.0010	%	103	80.0 - 120	Acceptable	
CBL	2	0.00107	0.00103	%	104	80.0 - 120	Acceptable	
9R-d10THC	1	0.0010	0.0009	%	101	80.0 - 120	Acceptable	
CBC	2	0.0010	0.0010	%	102	80.0 - 120	Acceptable	
THCA	1	0.0009	0.0009	%	97.2	90.0 - 110	Acceptable	
CBCA	2	0.0010	0.0010	%	101	80.0 - 120	Acceptable	
CBLA	2	0.0010	0.0009	%	102	80.0 - 120	Acceptable	
d9THCP	2	0.0010	0.0010	%	99.4	80.0 - 120	Acceptable	
CBT	2	0.00101	0.00103	%	98.5	80.0 - 120	Acceptable	

Method Blank

Analyte	Result	LOQ	Units	Limits	Evaluation	Notes
CBDVA	<LOQ	0.0001	%	< 0.0001	Acceptable	
CBDV	<LOQ	0.0001	%	< 0.0001	Acceptable	
CBE	<LOQ	0.0001	%	< 0.0001	Acceptable	
CBDA	<LOQ	0.0001	%	< 0.0001	Acceptable	
CBGA	<LOQ	0.0001	%	< 0.0001	Acceptable	
CBG	<LOQ	0.0001	%	< 0.0001	Acceptable	
CBD	<LOQ	0.0001	%	< 0.0001	Acceptable	
THCV	<LOQ	0.0001	%	< 0.0001	Acceptable	
d8THCV	<LOQ	0.0001	%	< 0.0001	Acceptable	
THCVA	<LOQ	0.0001	%	< 0.0001	Acceptable	
CBN	<LOQ	0.0001	%	< 0.0001	Acceptable	
exo-THC	<LOQ	0.0001	%	< 0.0001	Acceptable	
d9THC	<LOQ	0.0001	%	< 0.0001	Acceptable	
d8THC	<LOQ	0.0001	%	< 0.0001	Acceptable	
9S-d10THC	<LOQ	0.0001	%	< 0.0001	Acceptable	
CBL	<LOQ	0.0001	%	< 0.0001	Acceptable	
9R-d10THC	<LOQ	0.0001	%	< 0.0001	Acceptable	
CBC	<LOQ	0.0001	%	< 0.0001	Acceptable	
THCA	<LOQ	0.0001	%	< 0.0001	Acceptable	
CBCA	<LOQ	0.0001	%	< 0.0001	Acceptable	
CBLA	<LOQ	0.0001	%	< 0.0001	Acceptable	
d9THCP	<LOQ	0.0001	%	< 0.0001	Acceptable	
CBT	<LOQ	0.0001	%	< 0.0001	Acceptable	

Abbreviations

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

Units of Measure:

% - Percent



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



Report Number: 24-009733/D001.R000
Report Date: 09/10/2024
ORELAP#: OR100028
Purchase Order:
Received: 09/03/24 12:06

Revision: 4 Document ID: 7148
 Legacy ID: Worksheet Validated 04/20/2021

Laboratory Quality Control Results

AOAC 2015 V98-6		Batch ID: 0						
Sample Duplicate		Sample ID: 24-009719-0001						
Analyte	Result	Org. Result	LOQ	Units	RPD	Limits	Evaluation	Notes
CBDVA	<LOQ	<LOQ	0.0001	%	NA	< 20	Acceptable	
CBDV	<LOQ	<LOQ	0.0001	%	NA	< 20	Acceptable	
CBE	<LOQ	<LOQ	0.0001	%	NA	< 20	Acceptable	
CBDA	<LOQ	<LOQ	0.0001	%	NA	< 20	Acceptable	
CBGA	<LOQ	<LOQ	0.0001	%	NA	< 20	Acceptable	
CBG	<LOQ	<LOQ	0.0001	%	NA	< 20	Acceptable	
CBD	0.0127	0.0127	0.0001	%	0.385	< 20	Acceptable	
THCV	<LOQ	<LOQ	0.0001	%	NA	< 20	Acceptable	
d8THCV	<LOQ	<LOQ	0.0001	%	NA	< 20	Acceptable	
THCVA	<LOQ	<LOQ	0.0001	%	NA	< 20	Acceptable	
CBN	0.0001	0.0001	0.0001	%	0.642	< 20	Acceptable	
exo-THC	<LOQ	<LOQ	0.0001	%	NA	< 20	Acceptable	
d9THC	0.00196	0.00197	0.0001	%	0.407	< 20	Acceptable	
d8THC	0.0002	0.0002	0.0001	%	1.40	< 20	Acceptable	
9S-d10THC	<LOQ	<LOQ	0.0001	%	NA	< 20	Acceptable	
CBL	<LOQ	<LOQ	0.0001	%	NA	< 20	Acceptable	
9R-d10THC	<LOQ	<LOQ	0.0001	%	NA	< 20	Acceptable	
CBC	0.0002	0.0002	0.0001	%	0.553	< 20	Acceptable	
THCA	<LOQ	<LOQ	0.0001	%	NA	< 20	Acceptable	
CBCA	<LOQ	<LOQ	0.0001	%	NA	< 20	Acceptable	
CBLA	<LOQ	<LOQ	0.0001	%	NA	< 20	Acceptable	
d9THCP	<LOQ	<LOQ	0.0001	%	NA	< 20	Acceptable	
CBT	<LOQ	<LOQ	0.0001	%	NA	< 20	Acceptable	

Abbreviations

ND - None Detected at or above MRL
 RPD - Relative Percent Difference
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Units of Measure:

% - Percent



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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	Quantitation 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.