



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



Report Number: 22-002093/D002.R000
Report Date: 03/02/2022
ORELAP#: OR100028
Purchase Order:
Received: 02/23/22 11:30

Customer: NW Natural Goods
Product identity: HEMP - PR 0009
Client/Metric ID: .
Laboratory ID: 22-002093-0001

Summary

Potency:

Analyte per 4g	Result	Limits	Units	Status	
CBC per 4g [†]	0.187		mg/4g		CBD-Total per 4g 20.0 mg/4g
CBD per 4g	20.0		mg/4g		
CBDV per 4g [†]	0.145		mg/4g		THC-Total per 4g <LOQ
CBE per 4g [†]	0.173		mg/4g		(Reported in milligrams per serving)
CBG per 4g [†]	9.60		mg/4g		
CBT per 4g [†]	0.161		mg/4g		

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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Product identity: HEMP - PR 0009

Client/Metric ID: .

Sample Date:

Laboratory ID: 22-002093-0001

Evidence of Cooling: No

Temp: 17.5 °C

Relinquished by: Ramos

Serving Size #1: 4 g

Sample Results

Potency per 4g		Method J AOAC 2015 V98-6 (mod)Units mg/se			Batch: 2201727	Analyze: 2/28/22 11:41:00 AM
Analyte	Result	Limits	Units	LOQ	Notes	
CBC per 4g†	0.187		mg/4g	0.126		
CBC-A per 4g†	< LOQ		mg/4g	0.126		
CBC-Total per 4g†	< LOQ		mg/4g	0.237		
CBD per 4g	20.0		mg/4g	0.126		
CBD-A per 4g	< LOQ		mg/4g	0.126		
CBD-Total per 4g	20.0		mg/4g	0.237		
CBDV per 4g†	0.145		mg/4g	0.126		
CBDV-A per 4g†	< LOQ		mg/4g	0.126		
CBDV-Total per 4g†	< LOQ		mg/4g	0.236		
CBE per 4g†	0.173		mg/4g	0.126		
CBG per 4g†	9.60		mg/4g	0.126		
CBG-A per 4g†	< LOQ		mg/4g	0.126		
CBG-Total per 4g†	9.60		mg/4g	0.236		
CBL per 4g†	< LOQ		mg/4g	0.126		
CBL-A per 4g†	< LOQ		mg/4g	0.126		
CBL-Total per 4g†	< LOQ		mg/4g	0.237		
CBN per 4g	< LOQ		mg/4g	0.126		
CBT per 4g†	0.161		mg/4g	0.126		
Δ8-THCV per 4g†	< LOQ		mg/4g	0.126		
Δ8-THC per 4g†	< LOQ		mg/4g	0.126		
Δ9-THC per 4g	< LOQ		mg/4g	0.126		
exo-THC per 4g†	< LOQ		mg/4g	0.126		
THC-A per 4g	< LOQ		mg/4g	0.126		
THC-Total per 4g	< LOQ		mg/4g	0.237		
THCV per 4g†	< LOQ		mg/4g	0.126		
THCV-A per 4g†	< LOQ		mg/4g	0.126		
THCV-Total per 4g†	< LOQ		mg/4g	0.237		
Total Cannabinoids per 4g	30.3		mg/4g			



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Microbiology

Analyte	Result	Limits	Units	LOQ	Batch	Analyze	Method	Status	Notes
E.coli	< LOQ		cfu/g	10	2201605	02/26/22	AOAC 991.14 (Petrifilm)		X
Total Coliforms	< LOQ		cfu/g	10	2201605	02/26/22	AOAC 991.14 (Petrifilm)		X
Mold (RAPID Petrifilm)	< LOQ		cfu/g	10	2201606	02/27/22	AOAC 2014.05 (RAPID)		X
Yeast (RAPID Petrifilm)	< LOQ		cfu/g	10	2201606	02/27/22	AOAC 2014.05 (RAPID)		X

Solvents Method Residual Solvents by GC/MS Units µg/g Batch 2201774 Analyze 03/01/22 09:51 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	

Pesticides Method AOAC 2007.01 & EN 15662 (mod) Units mg/kg Batch 2201725 Analyze 02/28/22 11:33 AM

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

Metals

Analyte	Result	Limits	Units	LOQ	Batch	Analyze	Method	Status	Notes
Arsenic	< LOQ	0.200	mg/kg	0.0178	2201749	02/28/22	AOAC 2013.06 (mod.)	pass	X
Cadmium	< LOQ	0.200	mg/kg	0.0178	2201749	02/28/22	AOAC 2013.06 (mod.)	pass	X
Lead	< LOQ	0.500	mg/kg	0.0178	2201749	02/28/22	AOAC 2013.06 (mod.)	pass	X
Mercury	< LOQ	0.100	mg/kg	0.00888	2201749	02/28/22	AOAC 2013.06 (mod.)	pass	X

Nutrition

Analyte	Result	Limits	Units	LOQ	Batch	Analyze	Method	Status	Notes
Moisture (Loss on Drying)	18.3		g/100g	0.10	2201711	02/24/22	AOAC 925.10 (mod.)		X
Water Activity	0.689		Aw	0.030	2201626	02/24/22	AOAC 978.18		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 = Gram

g/100g = Grams per 100 Grams

µg/g = Microgram per gram

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

mg/4g = Milligram per 4g

% = Percentage of sample

Aw = Water Activity

% wt = µg/g divided by 10,000

Glossary of Qualifiers

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)	Compound	LOQ (mg/kg)	Compound	LOQ (mg/kg)
Abamectin	0.100	Cbthodim	0.050	Endrin	0.100
Acephate	0.100	Cbthodim Sulfone	0.050	EPN	0.050
Acequinocyl	0.100	Cbthodim Sulfoxide	0.050	EPIC	0.100
Acetamiprid	0.020	Cbfentazine	0.020	Esfenvalerate/ Fenvalerate	0.200
Acetochlor	0.100	Cbmazone	0.020	Etaconazole	0.100
Acrinathrin	0.100	Cbthianidin	0.200	Ethalfuralin	0.100
Alachlor	0.100	Cumaphos	0.050	Ethiofencarb	0.050
Aldicarb	0.100	Crdoxyphos	0.020	Ethion	0.200
Aldicarb sulfoxide	0.100	Cyarazine	0.020	Ethirimol	0.100
Aldoxycarb (Aldicarb-sulfone)	0.100	Cyarofenphos	0.020	Ethofumesate	0.050
Aldrin	0.100	Cyatr aniliprole	0.050	Ethoprophos	0.020
Ametoctradin	0.020	Cyazfamid	0.020	Etofenprox	0.020
Ametryn	0.500	Cydoate	0.100	Etoxazole	0.020
Aspon	0.100	Cyfluthrin	0.200	Etridiazole	0.100
Asulam	0.100	Cyhalothrin, lambda	0.200	Etrinfos	0.020
Atrazine	0.100	Cymoxanil	0.050	Famoxadone	0.200
Atrazine-desethyl	0.100	Cypermethrin	0.200	Famphur	0.100
Azinphos-ethyl	0.020	Cyprodinil	0.100	Fenamidone	0.020
Azinphos-methyl	0.020	Dadhal	0.100	Fenamiphos	0.020
Azoxystrobin	0.020	Damhozide	0.100	Fenamiphos sulfone	0.020
Beralaxyl	0.020	DCPMU	0.050	Fenamiphos sulfoxide	0.020
Berdiocarb	0.020	DDD, op'-	0.100	Fenazaquin	0.100
Berfluralin	0.100	DDD, p,p'-	0.100	Fenbuconazole	0.100
Berxacor	0.050	DDE, o,p'-	0.100	Fenchlorphos	0.100
Bensulide	0.050	DDE, p,p'-	0.100	Fenchlorphos-oxon	0.100
BHC alpha isomer	0.100	DDT, o,p'-	0.100	Fenhexamid	0.100
BHC beta isomer	0.100	DDT, p,p'-	0.100	Fenitrothion	0.100
BHC delta isomer	0.500	DEF (Tribufos)	0.100	Fenobucarb	0.050
Bifenazate	0.020	Detamethrin	0.100	Fenoxycarb	0.020
Bifenthrin	0.020	Desmedipham	0.100	Fenpropathrin	0.050
Boscalid	0.020	Diallate	0.100	Fenpyroximate	0.020
Bromophos-ethyl	0.100	Diazinon	0.020	Fenson	0.100
Bromophos-methyl	0.200	Diazoxon	0.100	Fensulfthion	0.020
Bromopropylate	0.100	Dichlobenil	0.100	Fensulfthion oxon	0.020
Bromuconazole	0.100	Dichlofluanid	0.100	Fensulfthion sulfone	0.100
Bupirimate	0.020	Dichlorvos	0.100	Fensulfthion-oxon-sulfone	0.020
Buprofezin	0.050	Diclobutrazol	0.050	Fenthion	0.050
Butachlor	0.500	Dicofol	0.100	Fenthion oxon	0.020
Butralin	0.200	Dicrotophos	0.050	Fenthion oxon sulfone	0.100
Butylate	0.100	Dieldrin	0.100	Fenthion sulfone	0.050
Cadusafos	0.020	Diethofencarb	0.020	Fenuron	0.020
Caftan	1.000	Diethyltoluamide (DEET)	0.050	Fipronil	0.100
Carbaryl	0.050	Difenoconazole	0.100	Fonicamid	0.100
Carbendazim	0.100	Dimethenamid	0.050	Fluchloralin	0.100
Carbendiazim	0.100	Dimethoate	0.050	Flucythrinate	0.100
Carbendiazim	0.100	Dimethomorph	0.050	Fludioxonil	0.200
Carbendiazim	0.100	Diniconazole	0.200	Flufenacet	0.020
Carbendiazim	0.100	Dinotefuran	0.200	Fumioxazin	0.100
Carbendiazim	0.100	Dioxathion	0.100	Fluometuron	0.020
Carbendiazim	0.100	Diphenamid	0.020	Fluopicolide	0.050
Carbendiazim	0.100	Diphenylamine	0.100	Fluopyram	0.020
Carbendiazim	0.100	Disulfoton	0.100	Fluoxastrobin	0.050
Carbendiazim	0.100	Disulfoton sulfone	0.100	Flupyradifurone	0.020
Carbendiazim	0.100	Disulfoton sulfoxide	0.100	Fluridone	0.100
Carbendiazim	0.100	Duron	0.050	Flusilazole	0.020
Carbendiazim	0.100	Edifenphos	0.050	Flutolanil	0.020
Carbendiazim	0.100	Endosulfan alpha	0.200	Flutriafol	0.020
Carbendiazim	0.100	Endosulfan beta	0.200	Fluvalinate, tau-	0.100
Carbendiazim	0.100	Endosulfan sulfate	0.100	Fluxapyroxad	0.020



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Cannabis Multi-Residue Profile, Limits of Quantitation

Compound	LOQ(mg/kg)	Compound	LOQ(mg/kg)	Compound	LOQ(mg/kg)
Fomesafen	0.100	Mexacarbate	0.020	Propamocarb	0.050
Fonofos	0.100	MGK 264	0.020	Proparil	0.050
Forchlorfenuron	0.050	Mirex	0.100	Propargite	0.050
Formetanate	0.050	Molinate	0.050	Propazine	0.020
Furathiocarb	0.020	Monocrotophos	0.100	Propetamphos	0.050
Heptachlor	0.100	Monolinuron	0.020	Propham	0.050
Heptachlor epoxide	0.100	Myclobutanil	0.050	Propiconazole	0.050
Heptenophos	0.100	Naled	0.100	Propoxur	0.050
Hexachlorobenzene	0.100	Napropamide	0.050	Propoxycarbazone Na	0.050
Hexaconazole	0.100	Neburon	0.020	Propyzamide	0.050
Hexazinone	0.100	Nitrapyrin	0.100	Prothiofos	0.100
Hexythiazox	0.020	Norflurazon	0.050	Pyraclostrobin	0.020
Imazalil	0.100	Omethoate	0.100	Pyrazophos	0.050
Imidacoprid	0.100	O-Phenylphenol	0.100	Pyrethrins	0.050
Indaziflam	0.020	Oxadixyl	0.100	Pyridaben	0.020
Indoxacarb	0.020	Oxamyl	0.100	Pyridafol	0.100
Iprobenfos	0.100	Oxamyl-oxime	0.100	Pyridate	0.020
Iprodione	0.100	Oxychloridane	0.100	Pyrimethanil	0.050
Isobenzan	0.100	Oxydemeton-Methyl	0.100	Pyriproxifen	0.020
Isocarbophos	0.500	Oxythioquinox	0.200	Pyroxasulfone	0.020
Isodrin	0.100	Padlobutrazol	0.050	Pyroxulam	0.020
Isfenphos	0.050	Paraoxon-ethyl	0.020	Quinalphos	0.050
Isfenphos-methyl	0.020	Paraoxon methyl	0.100	Quinoxifen	0.050
Isfenphos oxon	0.050	Parathion ethyl	0.100	Quintozene (PQNB)	0.200
Isoprocarb	0.020	Parathion methyl	0.200	Resmethrin	0.050
Isopropalin	0.200	Perconazole	0.050	Rotenone	0.050
Isoprothiolane	0.050	Perdimethalin	0.050	S421	0.100
Isoproturon	0.050	Perflufen	0.020	Smazine	0.100
Isoxaben	0.050	Pertachloroaniline	0.100	Smectryl	0.200
Isoxaflutole	0.050	Pertachloroanisole	0.100	Spinetoram	0.020
Kresoxim-methyl	0.050	Pentachlorobenzene (PCB)	0.100	Spinosad	0.050
Ladofen	0.500	Pentachlorothioanisole (PCTA)	0.100	Spirodiclofen	0.100
Lenadi	0.100	Perthiopyrad	0.020	Spiromesifen	0.050
Lindane (gammaBHC)	0.100	Permethrin	0.050	Spirotetramat	0.050
Linuron	0.020	Perthane	0.100	Spiroxamine	0.020
Malaoxon	0.050	Phenmedipham	0.050	Sulfotep	0.050
Malathion	0.050	Phenthoate	0.050	Sulfoxaflor	0.050
Mandipropamid	0.020	Phorate	0.050	Sulprofos	0.020
Mecarbam	0.020	Phorate Sulfone	0.050	Tebuconazole	0.100
Mepanipyrim	0.050	Phorate Sulfoxide	0.050	Tebufenozide	0.020
Merphos	0.500	Phosalone	0.050	Tebuthiuron	0.020
Metalaxyl	0.050	Phosmet	0.100	Tecnazene	0.100
Metaldehyde	0.050	Phosphamidon	0.050	Tefluthrin	0.100
Metconazole	0.100	Phoxim	0.050	Terbufos	0.020
Methacifos	0.100	Pinoxaden	0.020	Terbufos sulfone	0.050
Methamidophos	0.050	Piperonyl butoxide	0.050	Terbufos sulfoxide	0.050
Methidathion	0.050	Pirimicarb	0.020	Terbuthylazine	0.020
Methiocarb	0.050	Pirimiphos-methyl	0.050	Terbutryn	0.020
Methiocarb sulfone	0.100	Pirimiphos-ethyl	0.020	Tetrachlorvinphos	0.050
Methiocarb sulfoxide	0.100	Prailethrin	0.100	Tetraconazole	0.050
Methomyl	0.100	Prochloraz	0.020	Tetradfon	0.200
Methoxychlor	0.100	Proxymidone	0.100	Tetramethrin	0.050
Methoxyfenozide	0.020	Prfenofos	0.100	Tetrasul	0.100
Metobromuron	0.050	Profluralin	0.100	Thiabendazole	0.100
Metolachlor	0.100	Promecarb	0.050	Thiabendazole, 5-hydroxy	0.100
Metolcarb	0.050	Prometon	0.100	Thiadoprid	0.050
Metrafenone	0.050	Prometryn	0.020	Thiamethoxam	0.100
Metribuzin	0.100	Propadlor	0.020	Thiobencarb	0.050
Mevinphos	0.100			Thiodicarb	0.050
				Thiophanate-methyl	0.050



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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	Tolyfluarid	0.050	Triticonazole	0.050
Tralkoxydim	0.100	Tridiphane	0.500	Vindozolin	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.



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Cannabis Chain of Custody Record

ORELAP ID: OR100028

Company: NW Natural Goods		Analysis Requested											Purchase Order Number:						
Contact: Annie Nair		Pesticides – OR 59 compounds	Pesticide Multi-Residue – 379 compounds	Potency	Residual Solvents	Water Activity	Moisture	Terpenes	Micro: Yeast and Mold	Micro: E.Coli and Total Coliform	Heavy Metals	Mycotoxins	Other	OPEN MARKET			Project Number:		
Address: 11791 SE HWY 212, Clackamas, OR 97015														CLPIV			Project Name:		
Email: annienair@nwnaturalgoods.com																	<input type="checkbox"/> Report Instructions: <input type="checkbox"/> Send to State - METRC <input checked="" type="checkbox"/> Email Final Results: <input type="checkbox"/> Fax Final Results <input type="checkbox"/> Cash/Check/CC/Net 30		
Phone: 503-453-4219 Fax:																	Other:		
Processor's License: 330-1058115IHH																	Matrix	Weight	Serving size for edibles
Field ID	Date/Time Collected																		
HEMP - PR 0009	2/23/22	X	X	X	X	X	X	X	X	X				edible	40g	4g			

Collected By:	Relinquished By:	Date	Time	Received by:	Date	Time	Lab Use Only: Client Alias: Order Number: Proper Container: Sample Condition: Temperature: 17.5 Shipped Via: Evidence of cooling: <input type="checkbox"/> Yes <input type="checkbox"/> No
<input checked="" type="checkbox"/> Standard (5 day)	Annie Nair	2/23/22	1049	<i>[Signature]</i>	2/23/22	1049	
<input type="checkbox"/> Rush (3-4 day) (1.5x Standard)	<i>[Signature]</i>	2.23.22	1123	AE	2/23/22	11:30	
<input type="checkbox"/> Priority Rush (2 day) (2x Standard)							

SUBMISSION OF SAMPLES WITH TESTING REQUIREMENTS TO PIXIS WILL BE UNDERSTOOD TO BE AN AGREEMENT FOR SERVICES IN ACCORDANCE WITH THE CONDITIONS LISTED ON THE BACK OF THIS FORM
 Revision: 1.00 Control#: CF023 www.pixislabs.com
 Effective 11/8/2018 Revised 11/8/2018 Page 1 of 2

Test results relate only to the parameters tested and to the samples as received by the laboratory. Test results meet all requirements of NELAP and the Columbia Laboratories quality assurance plan unless otherwise noted. This report shall not be reproduced, except in full, without the written consent of this laboratory. Samples will be retained for a maximum of 30 days from the receipt date unless prior arrangements have been made.
 Testing in accordance with: OAR 333-007-0390 OAR 333-007-0400 OAR 333-007-0410 OAR 333-007-0430



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

Laboratory Quality Control Results

JAOAC2015 V986 Batch ID: 2201727

Analyte	Result	Spike	Units	% Rec	Limits	Evaluation	Notes
CBDVA	0.00957	0.00967	%	99.0	80.0 - 120	Acceptable	
CBDV	0.00974	0.00981	%	99.3	80.0 - 120	Acceptable	
CBE	0.00972	0.0100	%	97.2	80.0 - 120	Acceptable	
CBDA	0.0109	0.0100	%	109	80.0 - 120	Acceptable	
CBGA	0.00957	0.00946	%	101	80.0 - 120	Acceptable	
CBG	0.00965	0.0101	%	95.5	80.0 - 120	Acceptable	
CBD	0.0102	0.0100	%	102	80.0 - 120	Acceptable	
THCV	0.00927	0.00980	%	94.6	80.0 - 120	Acceptable	
d8THCV	0.00960	0.0100	%	96.0	80.0 - 120	Acceptable	
THCVA	0.00915	0.00928	%	98.6	80.0 - 120	Acceptable	
CBN	0.00992	0.0100	%	99.2	80.0 - 120	Acceptable	
exo-THC	0.00831	0.0100	%	83.1	80.0 - 120	Acceptable	
d9THC	0.00933	0.0100	%	93.3	80.0 - 120	Acceptable	
d8THC	0.00845	0.00978	%	86.4	80.0 - 120	Acceptable	
CBL	0.00737	0.00909	%	81.1	80.0 - 120	Acceptable	
CBC	0.00871	0.0102	%	85.1	80.0 - 120	Acceptable	
THCA	0.0113	0.0100	%	113	80.0 - 120	Acceptable	
CBCA	0.00963	0.00972	%	99.1	80.0 - 120	Acceptable	
CBLA	0.00997	0.0100	%	99.7	80.0 - 120	Acceptable	
CBT	0.00659	0.0100	%	65.9	80.0 - 120	Acceptable	Q6

Method Blank

Analyte	Result	LOQ	Units	Limits	Evaluation	Notes
CBDVA	< LOQ	0.0006	%	< 0.0006	Acceptable	
CBDV	< LOQ	0.0006	%	< 0.0006	Acceptable	
CBE	< LOQ	0.0006	%	< 0.0006	Acceptable	
CBDA	< LOQ	0.0006	%	< 0.0006	Acceptable	
CBGA	< LOQ	0.0006	%	< 0.0006	Acceptable	
CBG	< LOQ	0.0006	%	< 0.0006	Acceptable	
CBD	< LOQ	0.0006	%	< 0.0006	Acceptable	
THCV	< LOQ	0.0006	%	< 0.0006	Acceptable	
d8THCV	< LOQ	0.0006	%	< 0.0006	Acceptable	
THCVA	< LOQ	0.0006	%	< 0.0006	Acceptable	
CBN	< LOQ	0.0006	%	< 0.0006	Acceptable	
exo-THC	< LOQ	0.0006	%	< 0.0006	Acceptable	
d9THC	< LOQ	0.0006	%	< 0.0006	Acceptable	
d8THC	< LOQ	0.0006	%	< 0.0006	Acceptable	
CBL	< LOQ	0.0006	%	< 0.0006	Acceptable	
CBC	< LOQ	0.0006	%	< 0.0006	Acceptable	
THCA	< LOQ	0.0006	%	< 0.0006	Acceptable	
CBCA	< LOQ	0.0006	%	< 0.0006	Acceptable	
CBLA	< LOQ	0.0006	%	< 0.0006	Acceptable	
CBT	< LOQ	0.0006	%	< 0.0006	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: 22-002093/D002.R000
Report Date: 03/02/2022
ORELAP#: OR100028
Purchase Order:
Received: 02/23/22 11:30

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Laboratory Quality Control Results

JAOAC2015 V986		Batch ID: 2201727						
Sample Duplicate		Sample ID: 22-001970-0003-01						
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	0.00775	0.00763	0.003	%	1.52	< 20	Acceptable	
CBD	0.00530	0.00537	0.003	%	1.45	< 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	0.128	0.128	0.003	%	0.258	< 20	Acceptable	
exo-THC	< LOQ	< LOQ	0.003	%	NA	< 20	Acceptable	
d9THC	0.245	0.243	0.003	%	0.769	< 20	Acceptable	
d8THC	< LOQ	< LOQ	0.003	%	NA	< 20	Acceptable	
CBL	< LOQ	< LOQ	0.003	%	NA	< 20	Acceptable	
CBC	0.00433	0.00412	0.003	%	4.89	< 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:

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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.