



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 <sup>†</sup>	0.187		mg/4g		CBD-Total per 4g 20.0 mg/4g
CBD per 4g	20.0		mg/4g		
CBDV per 4g <sup>†</sup>	0.145		mg/4g		THC-Total per 4g <LOQ
CBE per 4g <sup>†</sup>	0.173		mg/4g		(Reported in milligrams per serving)
CBG per 4g <sup>†</sup>	9.60		mg/4g		
CBT per 4g <sup>†</sup>	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 <sup>†</sup>	< LOQ for all analytes		

#### Metals:

Less than LOQ for all analytes.

#### Microbiology:

Less than LOQ for all analytes.



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**Customer:** NW Natural Goods

**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	EPTC	0.100
Acetamiprid	0.020	Cbthodim Sulfonamide	0.020	Esfenvalerate/ Fenvalerate	0.200
Acetochlor	0.100	Cbthodim Sulfonamide	0.020	Etaconazole	0.100
Acrinathrin	0.100	Cbthodim Sulfonamide	0.200	Ethalfuralin	0.100
Alachlor	0.100	Cbthodim Sulfonamide	0.050	Ethiofencarb	0.050
Aldicarb	0.100	Cbthodim Sulfonamide	0.020	Ethion	0.200
Aldicarb sulfoxide	0.100	Cbthodim Sulfonamide	0.020	Ethirimol	0.100
Aldoxycarb (Aldicarb-sulfone)	0.100	Cbthodim Sulfonamide	0.020	Ethofumesate	0.050
Aldrin	0.100	Cbthodim Sulfonamide	0.050	Ethoprophos	0.020
Ametoctradin	0.020	Cbthodim Sulfonamide	0.020	Etofenprox	0.020
Ametryn	0.500	Cbthodim Sulfonamide	0.100	Etoxazole	0.020
Aspon	0.100	Cbthodim Sulfonamide	0.200	Etridiazole	0.100
Asulam	0.100	Cbthodim Sulfonamide	0.200	Etrimfos	0.020
Atrazine	0.100	Cbthodim Sulfonamide	0.050	Famoxadone	0.200
Atrazine-desethyl	0.100	Cbthodim Sulfonamide	0.200	Famphur	0.100
Azinphos-ethyl	0.020	Cbthodim Sulfonamide	0.100	Fenamidon	0.020
Azinphos-methyl	0.020	Cbthodim Sulfonamide	0.100	Fenamiphos	0.020
Azoxystrobin	0.020	Cbthodim Sulfonamide	0.100	Fenamiphos sulfone	0.020
Beralaxyl	0.020	Cbthodim Sulfonamide	0.050	Fenamiphos sulfoxide	0.020
Bendiocarb	0.020	Cbthodim Sulfonamide	0.100	Fenazaquin	0.100
Berfluralin	0.100	Cbthodim Sulfonamide	0.100	Fenbuconazole	0.100
Berxacor	0.050	Cbthodim Sulfonamide	0.100	Fenchlorphos	0.100
Bensulide	0.050	Cbthodim Sulfonamide	0.100	Fenchlorphos-oxon	0.100
BHC alpha isomer	0.100	Cbthodim Sulfonamide	0.100	Fenhexamid	0.100
BHC beta isomer	0.100	Cbthodim Sulfonamide	0.100	Fenitrothion	0.100
BHC delta isomer	0.500	Cbthodim Sulfonamide	0.100	Fenobucarb	0.050
Bifenazate	0.020	Cbthodim Sulfonamide	0.100	Fenoxycarb	0.020
Bifenthrin	0.020	Cbthodim Sulfonamide	0.100	Fenpropathrin	0.050
Boscalid	0.020	Cbthodim Sulfonamide	0.100	Fenpyroximate	0.020
Bromophos-ethyl	0.100	Cbthodim Sulfonamide	0.020	Fenson	0.100
Bromophos-methyl	0.200	Cbthodim Sulfonamide	0.100	Fensulfothion	0.020
Bromopropylate	0.100	Cbthodim Sulfonamide	0.100	Fensulfothion oxon	0.020
Bromuconazole	0.100	Cbthodim Sulfonamide	0.100	Fensulfothion sulfone	0.100
Bupirimate	0.020	Cbthodim Sulfonamide	0.100	Fensulfothion-oxon-sulfone	0.020
Buprofezin	0.050	Cbthodim Sulfonamide	0.050	Fenthion	0.050
Butachlor	0.500	Cbthodim Sulfonamide	0.100	Fenthion oxon	0.020
Butralin	0.200	Cbthodim Sulfonamide	0.050	Fenthion oxon sulfone	0.100
Butylate	0.100	Cbthodim Sulfonamide	0.100	Fenthion sulfone	0.050
Cadusafos	0.020	Cbthodim Sulfonamide	0.020	Fenuron	0.020
Captaf	1.000	Cbthodim Sulfonamide	0.050	Fipronil	0.100
Carbaryl	0.050	Cbthodim Sulfonamide	0.100	Fonicamid	0.100
Carbendazim	0.100	Cbthodim Sulfonamide	0.050	Fluchloralin	0.100
Carbendiazim	0.020	Cbthodim Sulfonamide	0.050	Flucythrinate	0.100
Carbophenothion	0.200	Cbthodim Sulfonamide	0.050	Fludioxonil	0.200
Carbozin	0.020	Cbthodim Sulfonamide	0.200	Flufenacet	0.020
Carfentrazone-ethyl	0.100	Cbthodim Sulfonamide	0.200	Fumioxazin	0.100
Chlorantranilprole	0.020	Cbthodim Sulfonamide	0.100	Fuometuron	0.020
Chlordane, cis-	0.200	Cbthodim Sulfonamide	0.020	Fluopicolide	0.050
Chlordane, trans-	0.200	Cbthodim Sulfonamide	0.100	Fluopyram	0.020
Chlorfenapyr	0.500	Cbthodim Sulfonamide	0.100	Fluoxastrobin	0.050
Chlorfenoxon	0.200	Cbthodim Sulfonamide	0.100	Flupyradifurone	0.020
Chlorfenvinphos	0.050	Cbthodim Sulfonamide	0.100	Fluridone	0.100
Chlorobenzilate	0.100	Cbthodim Sulfonamide	0.050	Flusilazole	0.020
Chloroneb	0.200	Cbthodim Sulfonamide	0.050	Flutolanil	0.020
Chlorpyrifos	0.050	Cbthodim Sulfonamide	0.200	Flutriafol	0.020
Chlorpyrifos-methyl	0.200	Cbthodim Sulfonamide	0.200	Fluvalinate, tau-	0.100
CIPC	1.000	Cbthodim Sulfonamide	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	Prpamacarb	0.050
Fonofos	0.100	MGK 264	0.020	Prparil	0.050
Forchlorfenuron	0.050	Mirex	0.100	Prpargite	0.050
Formetanate	0.050	Molinate	0.050	Prpazine	0.020
Furathiocarb	0.020	Monocrotophos	0.100	Prpzetamphos	0.050
Heptachlor	0.100	Monolinuron	0.020	Prppham	0.050
Heptachlor epoxide	0.100	Myclobutanil	0.050	Prpiconazole	0.050
Heptenophos	0.100	Naled	0.100	Prppoxur	0.050
Hexachlorobenzene	0.100	Napropamide	0.050	Prpoxycarbazone Na	0.050
Hexaconazole	0.100	Neburon	0.020	Prppyzamide	0.050
Hexazinone	0.100	Nitrapyrin	0.100	Prthiofos	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	Pyrimetharil	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	Smaazine	0.100
Isoxaben	0.050	Pertachloroaniline	0.100	Smetryn	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	Phenmedipharm	0.050	Sulfotep	0.050
Malathion	0.050	Phenthoate	0.050	Sulfoxaflof	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	Prfluralin	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
Metraferone	0.050	Prometryn	0.020	Thiamethoxam	0.100
Metribuzin	0.100	Prpadhlor	0.020	Thiobencarb	0.050
Mevinphos	0.100			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	Tolyfluarid	0.050	Triticonazole	0.050
Tralkoxydim	0.100	Tridiphane	0.500	Vindozolin	0.100
Triadimefon	0.050	Triflumizde	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: <b>NW Natural Goods</b>		<b>Analysis Requested</b>											Purchase Order Number:				
Contact: <b>Annie Nair</b>		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														CL PIV			Project Name:
Email: annienair@nwnaturalgoods.com																	<input type="checkbox"/> Report Instructions:
Phone: 503-453-4219 Fax:																	<input type="checkbox"/> Send to State - METRC
Processor's License: 330-1058115IHH																	<input checked="" type="checkbox"/> Email Final Results:
			<input type="checkbox"/> Fax Final Results	Other:													
			<input type="checkbox"/> Cash/Check/CC/Net 30														
Field ID	Date/Time Collected													Matrix	Weight	Serving size for edibles	Comments/Metric ID
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	<b>Lab Use Only:</b>
<input checked="" type="checkbox"/> Standard (5 day)	Annie Nair	2/23/22	1049	<i>[Signature]</i>	2/23/22	1049	Client Alias:
<input type="checkbox"/> Rush (3-4 day) (1.5x Standard)	<i>[Signature]</i>	2.23.22	1123	AE	2/23/22	11:30	Order Number:
<input type="checkbox"/> Priority Rush (2 day) (2x Standard)							Proper Container
							Sample Condition
							Temperature: 17.5
							Shipped Via:
							Evidence of cooling: <input type="checkbox"/> Yes <input type="checkbox"/> No

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](http://www.pixislabs.com)  
 Effective 11/8/2018 Revised 11/8/2018 Page 1 of 2



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



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

Laboratory Quality Control Results

JAOAC2015 V986							
Batch ID: 2201727							
Laboratory Control Sample							
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



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

Laboratory Quality Control Results

JAOAC2015 V986								
Sample Duplicate								
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:**

% - 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.