



Customer: NW Natural Goods
Product identity: HEMP - DPOM 0003
Metrc ID: .
Metrc Source ID:
Laboratory ID: 25-001290-0001

Summary

Potency:

Analyte per 4g	Result	Limits	Units	Status	
CBD per 4g	9.80		mg/4g		CBD-Total per Serving Size 9.80 mg/4g
Δ8-THC per 4g	0.159		mg/4g		
Δ9-THC per 4g	8.68		mg/4g		Delta-9-THC-Total per 8.68 mg/4g
(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.



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



Report Number: 25-001290/D001.R000
Report Date: 02/12/2025
ORELAP#: OR100028
Purchase Order:
Received: 02/05/25 12:09

Customer: NW Natural Goods
United States of America (USA)
Product identity: HEMP - DPOM 0003
Metric ID: .
Metric Source ID:
Material: Cannabinoid Edible
Sample Date:
Laboratory ID: 25-001290-0001
Evidence of Cooling: No
Temp: 17
Relinquished by: BCR
Serving Size #1: 4 g

Sample Results

Potency per 4g		Method: J AOAC 2015 V98-6 (mod) ^b		Units mg/se Batch: 2500934		Analyze: 2/8/25 1:07:00 AM
Analyte	Result	Limits	Units	LOQ	Notes	
CBC per 4g	< LOQ		mg/4g	0.130		
CBC-A per 4g	< LOQ		mg/4g	0.130		
CBC-Total per 4g	< LOQ		mg/4g	0.243		
CBD per 4g	9.80		mg/4g	0.130		
CBD-A per 4g ¹	< LOQ		mg/4g	0.130		
CBD-Total per 4g ¹	9.80		mg/4g	0.243		
CBDV per 4g	< LOQ		mg/4g	0.130		
CBDV-A per 4g	< LOQ		mg/4g	0.130		
CBDV-Total per 4g	< LOQ		mg/4g	0.242		
CBE per 4g	< LOQ		mg/4g	0.130		
CBG per 4g	< LOQ		mg/4g	0.130		
CBG-A per 4g	< LOQ		mg/4g	0.130		
CBG-Total per 4g	< LOQ		mg/4g	0.242		
CBL per 4g	< LOQ		mg/4g	0.130		
CBL-A per 4g	< LOQ		mg/4g	0.130		
CBL-Total per 4g	< LOQ		mg/4g	0.243		
CBN per 4g	< LOQ		mg/4g	0.130		
CBT per 4g	< LOQ		mg/4g	0.130		
Δ10-THC-9R per 4g	< LOQ		mg/4g	0.130		
Δ10-THC-9S per 4g	< LOQ		mg/4g	0.130		
Δ10-THC-Total per 4g	< LOQ		mg/4g	0.259		
Δ8-THC per 4g ¹	0.159		mg/4g	0.130		
Δ8-THCV per 4g	< LOQ		mg/4g	0.130		
Δ9-THC per 4g ¹	8.68		mg/4g	0.130		
Δ9-THC-Total per 4g	8.68		mg/4g	0.243		
Δ9-THCP per 4g	< LOQ		mg/4g	0.130		
Δ9-THCV per 4g	< LOQ		mg/4g	0.130		
Δ9-THCV-A per 4g	< LOQ		mg/4g	0.130		
Δ9-THCV-Total per 4g	< LOQ		mg/4g	0.243		



Potency per 4g	Method: J AOAC 2015 V98-6 (mod) ^b		Units mg/se	Batch: 2500934	Analyze: 2/8/25 1:07:00 AM
Analyte	Result	Limits	Units	LOQ	Notes
exo-THC per 4g	< LOQ		mg/4g	0.130	
THC-A per 4g ¹	< LOQ		mg/4g	0.130	
Total Cannabinoids per 4g	18.6		mg/4g		

Microbiology

Analyte	Result	Limits	Units	LOQ	Batch	Analyzed Method	Status	Notes
E.coli	< LOQ		cfu/g	10	2500854	02/08/25 AOAC 991.14 (Petrifilm)		
Total Coliforms	< LOQ		cfu/g	10	2500854	02/08/25 AOAC 991.14 (Petrifilm)		
Mold (RAPID Petrifilm)	< LOQ		cfu/g	10	2500855	02/09/25 AOAC 2014.05 (RAPID)		
Yeast (RAPID Petrifilm)	< LOQ		cfu/g	10	2500855	02/09/25 AOAC 2014.05 (RAPID)		

Solvents	Method: Residual Solvents by HS-GC-MS ^b					Units µg/g	Batch 2500913	Analyze 02/07/25 12:44 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	Units mg/kg	Batch 2500940	Analyze 02/10/25 12:23 PM
Analyte	Result	Limits	Status	Notes
Multi-Residue Pesticide Profile	< LOQ for all analytes			



Metals

Analyte	Result	Limits	Units	LOQ	Batch	Analyzed Method	Status	Notes
Arsenic [±]	< LOQ	0.200	mg/kg	0.0153	2500910	02/07/25 AOAC 2013.06 (mod.) ^Þ	pass	
Cadmium [±]	< LOQ	0.200	mg/kg	0.0153	2500910	02/07/25 AOAC 2013.06 (mod.) ^Þ	pass	
Lead [±]	< LOQ	0.500	mg/kg	0.0153	2500910	02/07/25 AOAC 2013.06 (mod.) ^Þ	pass	
Mercury [±]	< LOQ	0.100	mg/kg	0.00765	2500910	02/07/25 AOAC 2013.06 (mod.) ^Þ	pass	

Mycotoxins

Analyte	Result	Limits	Units	LOQ	Batch	Analyzed Method	Status	Notes
Aflatoxin B1 [±]	< LOQ		µg/kg	5.00	2500953	02/11/25 Mycotoxins by AOAC 2007.01		
Aflatoxin B2 [±]	< LOQ		µg/kg	5.00	2500953	02/11/25 Mycotoxins by AOAC 2007.01		
Aflatoxin G1 [±]	< LOQ		µg/kg	5.00	2500953	02/11/25 Mycotoxins by AOAC 2007.01		
Aflatoxin G2 [±]	< LOQ		µg/kg	5.00	2500953	02/11/25 Mycotoxins by AOAC 2007.01		
Ochratoxin A	< LOQ	20.0	µg/kg	5.00	2500953	02/11/25 Mycotoxins by AOAC 2007.01 ^Þ	pass	
Total Aflatoxins	< LOQ	20.0	µg/kg	20.0		02/11/25 Mycotoxins by AOAC 2007.01 ^Þ	pass	

Nutrition

Analyte	Result	Limits	Units	LOQ	Batch	Analyzed Method	Status	Notes
Moisture (Loss on Drying)	19.3		g/100g	0.10	2500883	02/05/25 AOAC 925.10 (mod.)		Q6
Water Activity	0.713		Aw	0.030	2500887	02/06/25 AOAC 978.18		

**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/100g = Grams per 100 Grams

µg/g = Microgram per gram

µg/kg = Micrograms per kilogram = parts per billion (ppb)

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

mg/4g = Milligram per 4g

% = Percentage of sample

A_w = Water Activity

% wt = µg/g divided by 10,000

Glossary of Qualifiers

Q6: Quality control outside QC limits. Data acceptable based on remaining QC.



Residue List

Method AOAC 2007.01

Units mg/kg

Analyzed 2/10/25

Parameter	LOQ	Parameter	LOQ	Parameter	LOQ	Parameter	LOQ
2,4-D	0.10	2,4-DB	0.10	2,4-DP	0.10	2,4,5-T	0.10
2,4,5-TP	0.10	Abamectin (Avermectin)	0.10	Acephate	0.20	Acequinocyl	0.10
Acetamiprid	0.10	Acetochlor	0.20	Acibenzolar-s-methyl	0.10	Acifluorfen	0.10
Acrinathrin	0.10	Afidopyropen	0.10	Alachlor	0.20	Aldicarb	0.10
Aldicarb-sulfone	0.10	Aldicarb-sulfoxide	0.10	Aldrin	0.10	Ametoctradin	0.10
Ametryn	0.10	Aminocyclopyrachlor	0.10	Anilazine	0.30	Aspon	0.10
Asulam	0.10	Atrazine	0.10	Atrazine-desethyl	0.10	Azadirachtin	0.10
Azinphos-ethyl	0.10	Azinphos-methyl	0.10	Azoxystrobin	0.10	Benalaxyl	0.10
Bendiocarb	0.10	Benfluralin	0.10	Benoxacor	0.10	Bensulide	0.10
Bentazone	0.10	Benzovindiflupyr	0.10	BHC (α , β , γ , δ isomers)	0.10	Bifenazate	0.10
Bifenox	0.10	Bifenthrin	0.10	Binapacryl	0.40	Bioresmethrin	0.10
Bitertanol	0.20	Boscalid	0.10	Broflanilide	0.10	Bromacil	0.20
Bromophos-ethyl	0.20	Bromophos-methyl	0.10	Bromopropylate	0.10	Bromoxynil	0.10
Bromuconazole	0.10	Bupirimate	0.10	Buprofezin	0.10	Butachlor	0.10
Butoxycarboxim	0.10	Butralin	0.20	Butylate	0.10	Cadusafos	0.10
Captafol	1.00	Captan	0.20	Carbaryl	0.10	Carbendazim	0.10
Carbofuran	0.10	Carbofuran-3-hydroxy	0.10	Carbophenothion	0.10	Carbophenothion-methyl	0.10
Carboxin	0.10	Carfentrazone-ethyl	0.10	Chlorantraniliprole	0.10	Chlordane	0.10
Chlordimeform	0.10	Chlorfenapyr	0.20	Chlorfenson	0.10	Chlorfenvinphos	0.10
Chlorimuron-ethyl	0.10	Chlormitrofen	0.20	Chlorobenzilate	0.10	Chloroneb	0.10
Chlorothalonil	0.40	Chlorpropham (CIPC)	0.10	Chlorpyrifos-ethyl	0.10	Chlorpyrifos-methyl	0.10
Chlorsulfuron	0.10	Chlorthal-dimethyl (Dacthal, D)	0.10	Chlorthion	0.20	Chlorthiophos	0.10
Cinerin I	0.10	Clethodim	0.10	Clethodim-sulfone	0.10	Clethodim-sulfoxide	0.10
Clofentezine	0.10	Clomazone	0.10	Clopyralid	0.10	Clothianidin	0.10
Coumaphos	0.10	Crotoxyphos	0.10	Cyanazine	0.10	Cyanofenphos	0.10
Cyanophos	0.40	Cyantraniliprole	0.10	Cyazofamid	0.10	Cycloate	0.10
Cycloxydim	0.10	Cyflufenamid	0.10	Cyflumetofen	0.10	Cyfluthrin (incl. Beta-Cyfluthrin	0.20
Cyhalothrin, lambda	0.10	Cymoxanil	0.10	Cypermethrin and isomers (su	0.10	Cyprodinil	0.10
Cyromazine	0.10	DDD-o,p'	0.10	DDD-p,p'	0.10	DDE-o,p'	0.10
DDE-p,p'	0.10	DDT-o,p'	0.10	DDT-p,p'	0.10	DEF (Tribufos)	0.10
Deltamethrin	0.10	Demeton	0.20	Demeton-s-methyl	0.20	Demeton-s-methyl sulfone	0.20
Desmedipham	0.10	Diallate	0.10	Diazinon	0.10	Diazoxon (Diazinon OA)	0.10
Dicamba	0.10	Dichlobenil	0.10	Dichlofenthion	0.10	Dichlofluanid	0.10
Dichlorbenzamide	0.10	Dichlorvos	0.10	Diclobutrazol	0.10	Diclofop	0.10



Residue List

Method AOAC 2007.01

Units mg/kg

Analyzed 2/10/25

Parameter	LOQ	Parameter	LOQ	Parameter	LOQ	Parameter	LOQ
Diclofop-methyl	0.10	Dicloran	0.40	Dicofol o,p	0.20	Dicofol-p,p	0.20
Dicrotophos	0.10	Dieldrin	0.10	Diethofencarb	0.10	Diethyltoluamide (DEET)	0.10
Difenoconazole	0.10	Diffubenzuron	0.10	Diffufenzopyr	0.10	Dimethenamid	0.10
Dimethoate	0.10	Dimethomorph	0.10	Diniconazole	0.10	Dinocap	0.10
Dinoseb	0.10	Dinotefuran	0.10	Dioxathion	0.10	Diphenamid	0.10
Diphenylamine	0.10	Disulfoton	0.20	Disulfoton-sulfone	0.10	Disulfoton-sulfoxide	0.10
Dithianon	0.10	Dithiopyr	0.10	Diuron	0.10	Diuron metabolite (DCPMU)	0.10
DNOC (Dinitrocresol)	0.10	Edifenphos	0.10	Endosulfan I (alpha)	0.20	Endosulfan II (beta)	0.20
Endosulfan sulfate	0.10	Endrin	0.20	Endrin Aldehyde	0.20	EPN	0.10
EPTC	0.10	Esfenvalerate	0.20	Etaconazole	0.10	Ethaboxam	0.10
Ethalfuralin	0.10	Ethiofencarb	0.10	Ethion	0.10	Ethirimol	0.10
Ethofumesate	0.10	Ethoprophos	0.10	Ethoxyquin	0.20	Etofenprox	0.10
Etoxazole	0.10	Etridiazole	0.10	Etrimfos	0.10	Famoxadone	0.20
Famphur	0.10	Fenamidone	0.10	Fenamiphos	0.10	Fenamiphos-sulfone	0.10
Fenamiphos-sulfoxide	0.10	Fenarimol	0.10	Fenazaquin	0.10	Fenbuconazole	0.10
Fenbutatin oxide	0.10	Fenchlorphos	0.10	Fenchlorphos-oxon	0.10	Fenhexamid	0.10
Fenitrothion	0.10	Fenobucarb	0.10	Fenoxaprop-p-ethyl	0.10	Fenoxycarb	0.10
Fenpropathrin	0.10	Fenpyroximate	0.10	Fenson	0.20	Fensulfothion	0.10
Fenthion	0.10	Fenuron	0.10	Fipronil	0.10	Fonicamid	0.10
Fluazifop	0.10	Fluazinam	0.10	Fluchloralin	0.10	Flucythrinate	0.30
Fludioxonil	0.10	Flufenacet	0.10	Flumetsulam	0.10	Flumioxazin	0.10
Fluometuron	0.10	Fluopicolide	0.10	Fluopyram	0.10	Fluoxastrobin	0.10
Fluprimidol	0.10	Flupyradifurone	0.10	Fluridone	0.10	Fluroxypyr	0.10
Flusilazole	0.10	Fluthiacet-methyl	0.10	Flutianil	0.10	Flutolanil	0.10
Flutriafol	0.10	Fluxapyroxad	0.10	Folpet	0.10	Fomesafen	0.10
Fonofos	0.10	Foramsulfuron	0.10	Forchlorfenuron	0.10	Formetanate	0.10
Furathiocarb	0.10	Halosulfuron-methyl	0.10	Haloxypop	0.10	Heptachlor	0.10
Heptachlor epoxide	0.10	Hexachlorobenzene	0.10	Hexaconazole	0.10	Hexazinone	0.10
Hexythiazox	0.10	Hydroprene	0.10	Imazalil	0.10	Imazamox	0.10
Imazapic	0.10	Imazapyr	0.10	Imazaquin	0.10	Imazethapyr	0.10
Imidacloprid	0.10	Indaziflam	0.10	Indoxacarb	0.10	Iprobenfos	0.10
Iprodione	0.10	Isazophos	0.10	Isobenzan	0.10	Isocarbophos	0.10
Isodrin	0.10	Isofenphos	0.10	Isofenphos-methyl	0.10	Isofenphos-oxon	0.10
Isofetamid	0.10	Isoprocab	0.10	Isopropalin	0.10	Isoprothiolane	0.10



Residue List

Method AOAC 2007.01

Units mg/kg

Analyzed 2/10/25

Parameter	LOQ	Parameter	LOQ	Parameter	LOQ	Parameter	LOQ
Isoproturon	0.10	Isoxaben	0.10	Isoxaflutole	0.10	Jasmodin I	0.10
Kresoxim-methyl	0.10	Lactofen	0.20	Lenacil	0.10	Linuron	0.10
Malaaxon	0.10	Malathion	0.10	Mandestrobin	0.10	Mandipropamid	0.10
MCPA	0.10	MCPB	0.10	MCPP (Mecoprop)	0.10	MCPP-P	0.10
Mecarbam	0.10	Mefentrifluconazole	0.10	Mepanipyrim	0.10	Mesosulfuron-methyl	0.10
Mesotrione	0.10	Metaxyl	0.10	Metalddehyde	0.10	Metconazole	0.10
Methacrifos	0.10	Methamidophos	0.10	Methidathion	0.10	Methiocarb	0.10
Methiocarb-sulfone	0.10	Methiocarb-sulfoxide	0.10	Methiozolin	0.10	Methomyl	0.10
Methoxychlor	0.10	Methoxyfenozide	0.10	Metobromuron	0.10	Metolacarb	0.10
Metolachlor	0.10	Metrafenone	0.10	Metribuzin	0.10	Metsulfuron-methyl	0.10
Mevinphos	0.10	Mexacarbate	0.10	MGK-264	0.10	Mirex	0.10
Molinate	0.10	Monocrotophos	0.10	Monolinuron	0.10	Myclobutanil	0.10
Naled	0.10	Napropamide	0.10	Neburon	0.10	Nicosulfuron	0.10
Nitrapyrin	0.10	Nitrofen	0.20	Norflurazon	0.10	Novaluron	0.10
Nuarimol	0.20	O-Phenylphenol	0.50	Omethoate	0.10	Oryzalin	0.10
Oxadiazon	0.10	Oxadixyl	0.10	Oxamyl	0.10	Oxamyl-oxime	0.10
Oxathiapiprolin	0.10	Oxychlorane	0.10	Oxydemeton-methyl	0.10	Oxyfluorfen	0.10
Oxythioquinox	0.20	Paclobutrazole	0.10	Paraaxon-ethyl	0.10	Paraaxon-methyl	0.10
Parathion-ethyl	0.10	Parathion-methyl	0.30	Penconazole	0.10	Pendimethalin	0.10
Penflufen	0.10	Pentachloroaniline	0.10	Pentachloroanisole	0.10	Pentachlorobenzene	0.10
Pentachlorophenol	0.10	Pentachloroethoxyanisole	0.30	Penthiopyrad	0.10	Permethrin	0.10
Perthane	0.10	Phenmedipham	0.10	Phenothrin	0.10	Phenthoate	0.10
Phorate	0.10	Phorate OA	0.10	Phorate-sulfone	0.10	Phorate-sulfoxide	0.10
Phosalone	0.10	Phosmet	0.10	Phosmet oxon	0.10	Phosphamidon	0.10
Phoxim	0.10	Picloram	0.10	Pinoxaden	0.10	Piperonyl butoxide	0.10
Pirimicarb	0.10	Pirimiphos-ethyl	0.10	Pirimiphos-methyl	0.10	Prallethrin	0.10
Primisulfuron-methyl	0.10	Prochloraz	0.10	Procymidone	0.10	Prodiamine	0.10
Profenofos	0.10	Profluralin	0.10	Promecarb	0.10	Prometon	0.10
Prometryn	0.10	Pronamide (Propyzamid)	0.10	Propachlor	0.10	Propamocarb	0.10
Propanil	0.10	Propargite	0.10	Propazine	0.10	Propetamphos	0.10
Propham	0.10	Propiconazole	0.10	Propoxur	0.10	Propoxycarbazon sodium	0.10
Prosulfuron	0.10	Prothioconazole	0.10	Prothiofos	0.10	Pydiflumetofen	0.10
Pymetrozine	0.10	Pyraclostrobin	0.10	Pyraflufen-ethyl	0.10	Pyrazophos	0.10
Pyrethrins (total)	0.10	Pyridaben	0.10	Pyridate	0.10	Pyrifluquinazon	0.10



Residue List

Method AOAC 2007.01

Units mg/kg

Analyzed 2/10/25

Parameter	LOQ	Parameter	LOQ	Parameter	LOQ	Parameter	LOQ
Pyrimethanil	0.10	Pyriproxyfen	0.10	Pyroxasulfone	0.10	Pyroxulam	0.10
Quinalphos	0.10	Quinclorac	0.10	Quinoxifen	0.10	Quintozene (PCNB)	0.10
Quizalofop	0.10	Resmethrin	0.10	Rimsulfuron	0.10	Rotenone	0.10
S-421	0.10	Saflufenacil	0.10	Sebuthylazine	0.10	Sedaxane	0.10
Sethoxydim	0.10	Siduron	0.10	Simazine	0.10	Simetryn	0.10
Spinetoram	0.10	Spinosad	0.10	Spirodiclofen	0.10	Spiromesifen	0.10
Spirotetramat	0.10	Spirotetramat enol	0.10	Spiroxamine	0.10	Sulfallate	0.10
Sulfentrazone	0.30	Sulfometuron-methyl	0.10	Sulfosulfuron	0.10	Sulfotep	0.10
Sulfoxaflor	0.10	Sulprofos	0.10	Tau-fluvalinate	0.10	Tebuconazole	0.10
Tebufenozide	0.10	Tebuthiuron	0.10	Tecnazene	0.10	Tefluthrin	0.10
Tembotrione	0.10	Terbacil	0.40	Terbufos	0.10	Terbufos-sulfone	0.10
Terbufos-sulfoxide	0.10	Terbuthylazine	0.10	Terbutryn	0.10	Tetrachlorvinphos	0.10
Tetraconazole	0.10	Tetradifon	0.10	Tetramethrin	0.10	Tetrasul	0.10
Thiabendazol 5 hydroxy	0.10	Thiabendazole	0.10	Thiacloprid	0.10	Thiamethoxam	0.10
Thifensulfuron-methyl	0.10	Thiobencarb	0.10	Thiodicarb	0.10	Thiometon	0.20
Thionazin	0.10	Thiophanate-methyl	0.10	Tolclofos-methyl	0.10	Tolfenpyrad	0.10
Tolyfluanid	0.10	Topramezone	0.10	Tralkoxydim	0.10	Triadimefon	0.10
Triadimenol	0.10	Triallate	0.10	Triasulfuron	0.10	Triazophos	0.10
Tribenuron-methyl	0.10	Trichlorfon (Metrifonate)	0.10	Triclopyr	0.20	Trifloxystrobin	0.10
Trifloxysulfuron	0.10	Triflumizole	0.10	Trifluralin	0.10	Triflurosulfuron-methyl	0.10
Triforine	0.10	Trinexapac-ethyl	0.10	Triticonazole	0.10	Vinclozolin	0.10
Zoxamide	0.10						



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



Report Number: 25-001290/D001.R000
Report Date: 02/12/2025
ORELAP#: OR100028
Purchase Order:
Received: 02/05/25 12:09



Hemp & Cannabis
Chain of Custody

Northwest-Natural-
Goods-1738765488

					Testing							
Company Details Company: <u>Northwest Natural Goods</u> Contact: [REDACTED] Street Address: [REDACTED] [REDACTED] Email: [REDACTED] Contact Phone: [REDACTED] [REDACTED] Billing Information Billing Email: [REDACTED]					Project Details Turnaround Time: <u>5 Business Days (Req. For Micro Testing) Standard</u> Relinquishment Sampling, Courier & Shipping Options: <u>Pick-Up Courier Service</u> Project Name / ID: <u>HEMP - DPO0003</u> Pick-Up Details Pick-Up Location Name: <u>Northwest Natural Goods</u> [REDACTED] [REDACTED] Receipt Information Evidence of Cooling?: No Sample Condition: Satisfactory Prelog Storage: Canna Shelves							
					N3600 - Water Activity & Moisture (as Loss on Drying) Food M283 - RAPID Yeast and Mold Count (RYM) Petri Im M075 - E. coli/Coliform Count (EC) Petri Im H0018 - Cannabis Heavy Metals Pro Ie QR H0008 - Residual Solvents (Cannabis - Oregon) Multi-Residue Pesticide Pro Ie (Cannabis) H0010 - Potency Cannabis (Basic+Expanded) H0040 - Multi-Mycotoxins Expanded							
#	Sample Name	Material	Amount Provided	Reporting Unit	Serving Size							
1	HEMP - DPO0003	Cannabinoid Edible	20 each	mg/g & mg/serving	4g	✓	✓	✓	✓	✓	✓	✓

Relinquished By	Date	Time	Temp., °C	Received By	Date	Time	Received Temp., °C	IRTherm. CL#
Kristen Johnson	02/05/2025	06:24	17	BCR	02/05/2025	10:25	NA	NA
BCR	02/05/2025	11:06	17	jmh	02/05/2025	12:09	25	Other

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

P: (503) 254-1794
info@columbiaboratories.com

Page 1 of 1
www.columbiaboratories.com


Laboratory Quality Control Results

Residual Solvents				Batch ID: 2500913			
Method Blank				Laboratory Control Sample			
Analyte	Result	LOQ	Notes	Result	Spike	Units	% Rec Limits Notes
Propane	ND	< 200		603	585	µg/g	103.1 60 - 120
Isobutane	ND	< 200		754	770	µg/g	97.9 60 - 120
Butane	ND	< 200		767	769	µg/g	99.7 60 - 120
2,2-Dimethylpropane	ND	< 200		942	956	µg/g	98.5 60 - 120
Methanol	ND	< 200		1410	1620	µg/g	87.0 60 - 120
Ethylene Oxide	ND	< 30		57	57.7	µg/g	98.8 60 - 120
2-Methylbutane	ND	< 200		1450	1640	µg/g	88.4 60 - 120
Pentane	ND	< 200		1420	1640	µg/g	86.6 60 - 120
Ethanol	ND	< 200		1340	1620	µg/g	82.7 70 - 130
Ethyl Ether	ND	< 200		1480	1630	µg/g	90.8 60 - 120
2,2-Dimethylbutane	ND	< 30		189	212	µg/g	89.2 60 - 120
Acetone	ND	< 200		1310	1630	µg/g	80.4 60 - 120
2-Propanol	ND	< 200		1410	1620	µg/g	87.0 60 - 120
Ethyl Formate	ND	< 500		2790	1610	µg/g	173.3 70 - 130 Q1
Acetonitrile	ND	< 100		420	504	µg/g	83.3 60 - 120
Methyl Acetate	ND	< 500		1430	1610	µg/g	88.8 70 - 130
2,3-Dimethylbutane	ND	< 30		185	189	µg/g	97.9 60 - 120
Dichloromethane	ND	< 60		478	538	µg/g	88.8 60 - 120
2-Methylpentane	ND	< 30		169	182	µg/g	92.9 60 - 120
MTBE	ND	< 500		1510	1610	µg/g	93.8 70 - 130
3-Methylpentane	ND	< 30		169	179	µg/g	94.4 60 - 120
Hexane	ND	< 30		168	178	µg/g	94.4 60 - 120
1-Propanol	ND	< 500		1420	1600	µg/g	88.8 70 - 130
Methylethylketone	ND	< 500		1430	1610	µg/g	88.8 70 - 130
Ethyl acetate	ND	< 200		1500	1620	µg/g	92.6 60 - 120
2-Butanol	ND	< 200		1490	1620	µg/g	92.0 60 - 120
Tetrahydrofuran	ND	< 100		504	511	µg/g	98.6 60 - 120
Cyclohexane	ND	< 200		1720	1620	µg/g	106.2 60 - 120
2-methyl-1-propanol	ND	< 500		1690	1610	µg/g	105.0 70 - 130
Benzene	ND	< 1		6.03	6.03	µg/g	100.0 60 - 120
Isopropyl Acetate	ND	< 200		1560	1620	µg/g	96.3 60 - 120
Heptane	ND	< 200		1500	1620	µg/g	92.6 60 - 120
1-Butanol	ND	< 500		1610	1610	µg/g	100.0 70 - 130
Propyl Acetate	ND	< 500		1540	1620	µg/g	95.1 70 - 130
1,4-Dioxane	ND	< 100		573	503	µg/g	113.9 60 - 120
2-Ethoxyethanol	ND	< 30		170	176	µg/g	96.6 60 - 120
Methylisobutylketone	ND	< 500		1530	1620	µg/g	94.4 70 - 130
3-Methyl-1-butanol	ND	< 500		1610	1600	µg/g	100.6 70 - 130
Ethylene Glycol	ND	< 200		506	501	µg/g	101.0 60 - 120
Toluene	ND	< 100		628	543	µg/g	115.7 60 - 120
Isobutyl Acetate	ND	< 500		1460	1620	µg/g	90.1 70 - 130
1-Pentanol	ND	< 500		1500	1600	µg/g	93.8 70 - 130
Butyl Acetate	ND	< 500		1510	1600	µg/g	94.4 70 - 130
Ethylbenzene	ND	< 200		1180	983	µg/g	120.0 60 - 120 Q1
m,p-Xylene	ND	< 200		1200	1030	µg/g	116.5 60 - 120
o-Xylene	ND	< 200		1210	979	µg/g	123.6 60 - 120 Q1
Cumene	ND	< 30		229	183	µg/g	125.1 60 - 120 Q1
Anisole	ND	< 500		1820	1610	µg/g	113.0 70 - 130
DMSO	ND	< 500		1720	1600	µg/g	107.5 70 - 130
1,2-dimethoxyethane	ND	< 50		153	162	µg/g	94.4 70 - 130
Triethylamine	ND	< 500		1600	1600	µg/g	100.0 70 - 130
N,N-dimethylformamide	ND	< 150		478	487	µg/g	98.2 70 - 130
N,N-dimethylacetamide	ND	< 150		523	498	µg/g	105.0 70 - 130
Pyridine	ND	< 50		166	162	µg/g	102.5 70 - 130
Sulfolane	ND	< 50		175	173	µg/g	101.2 70 - 130
1,2-Dichloroethane	ND	< 1		1.16	1	µg/g	116.0 70 - 130
Chloroform	ND	< 1		1.17	1	µg/g	117.0 70 - 130
Trichloroethylene	ND	< 1		1.24	1	µg/g	124.0 70 - 130
1,1-Dichloroethane	ND	< 1		1.04	1	µg/g	104.0 70 - 130


QC - Sample Duplicate
Sample ID: 25-001260-0003

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	
Sulfolane	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


Laboratory Quality Control Results
I AOAC 2015 V98-6 **Batch ID: 2500934**
Laboratory Control Sample

Analyte	LCS	Result	Spike	Units	% Rec	Limits	Evaluation	Notes
CBDVA	2	0.0323	0.0321	%	101	80.0 - 120	Acceptable	
CBDV	2	0.0340	0.0338	%	100	80.0 - 120	Acceptable	
CBE	2	0.0330	0.0329	%	100	80.0 - 120	Acceptable	
CBDA	1	0.0357	0.0357	%	100	90.0 - 110	Acceptable	
CBGA	1	0.0354	0.0356	%	99.6	80.0 - 120	Acceptable	
CBG	1	0.0344	0.0340	%	101	80.0 - 120	Acceptable	
CBD	1	0.0296	0.0296	%	100.0	90.0 - 110	Acceptable	
THCV	2	0.0338	0.0337	%	100	80.0 - 120	Acceptable	
d8THCV	2	0.0346	0.0346	%	99.9	80.0 - 120	Acceptable	
THCVA	2	0.0322	0.0317	%	102	80.0 - 120	Acceptable	
CBN	1	0.0341	0.0340	%	100	80.0 - 120	Acceptable	
exo-THC	2	0.0326	0.0327	%	99.6	80.0 - 120	Acceptable	
d9THC	1	0.0310	0.0306	%	101	90.0 - 110	Acceptable	
d8THC	1	0.0341	0.0356	%	95.8	90.0 - 110	Acceptable	
9S-d10THC	1	0.0348	0.0359	%	96.9	80.0 - 120	Acceptable	
CBL	2	0.0328	0.0326	%	101	80.0 - 120	Acceptable	
9R-d10THC	1	0.0298	0.0310	%	96.1	80.0 - 120	Acceptable	
CBC	2	0.0329	0.0342	%	96.3	80.0 - 120	Acceptable	
THCA	1	0.0387	0.0379	%	102	90.0 - 110	Acceptable	
CBCA	2	0.0340	0.0333	%	102	80.0 - 120	Acceptable	
CBLA	2	0.0337	0.0338	%	99.7	80.0 - 120	Acceptable	
d9THCP	2	0.0314	0.0331	%	94.9	80.0 - 120	Acceptable	
CBT	2	0.0316	0.0345	%	91.8	80.0 - 120	Acceptable	

Method Blank

Analyte	Result	LOQ	Units	Limits	Evaluation	Notes
CBDVA	<LOQ	0.00329	%	< 0.00329	Acceptable	
CBDV	<LOQ	0.00329	%	< 0.00329	Acceptable	
CBE	<LOQ	0.00329	%	< 0.00329	Acceptable	
CBDA	<LOQ	0.00329	%	< 0.00329	Acceptable	
CBGA	<LOQ	0.00329	%	< 0.00329	Acceptable	
CBG	<LOQ	0.00329	%	< 0.00329	Acceptable	
CBD	<LOQ	0.00329	%	< 0.00329	Acceptable	
THCV	<LOQ	0.00329	%	< 0.00329	Acceptable	
d8THCV	<LOQ	0.00329	%	< 0.00329	Acceptable	
THCVA	<LOQ	0.00329	%	< 0.00329	Acceptable	
CBN	<LOQ	0.00329	%	< 0.00329	Acceptable	
exo-THC	<LOQ	0.00329	%	< 0.00329	Acceptable	
d9THC	<LOQ	0.00329	%	< 0.00329	Acceptable	
d8THC	<LOQ	0.00329	%	< 0.00329	Acceptable	
9S-d10THC	<LOQ	0.00329	%	< 0.00329	Acceptable	
CBL	<LOQ	0.00329	%	< 0.00329	Acceptable	
9R-d10THC	<LOQ	0.00329	%	< 0.00329	Acceptable	
CBC	<LOQ	0.00329	%	< 0.00329	Acceptable	
THCA	<LOQ	0.00329	%	< 0.00329	Acceptable	
CBCA	<LOQ	0.00329	%	< 0.00329	Acceptable	
CBLA	<LOQ	0.00329	%	< 0.00329	Acceptable	
d9THCP	<LOQ	0.00329	%	< 0.00329	Acceptable	
CBT	<LOQ	0.00329	%	< 0.00329	Acceptable	

Abbreviations

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

Units of Measure:

% - Percent


Laboratory Quality Control Results

AOAC 2015 V98-6			Batch ID: 2500934					
Sample Duplicate			Sample ID: 25-001327-0001					
Analyte	Result	Org. Result	LOQ	Units	RPD	Limits	Evaluation	Notes
CBDVA	<LOQ	<LOQ	0.00326	%	NA	< 20	Acceptable	
CBDV	0.00403	0.00396	0.00326	%	1.69	< 20	Acceptable	
CBE	<LOQ	<LOQ	0.00326	%	NA	< 20	Acceptable	
CBDA	<LOQ	<LOQ	0.00326	%	NA	< 20	Acceptable	
CBGA	<LOQ	<LOQ	0.00326	%	NA	< 20	Acceptable	
CBG	0.0160	0.0159	0.00326	%	0.662	< 20	Acceptable	
CBD	0.597	0.597	0.00326	%	0.0262	< 20	Acceptable	
THCV	<LOQ	<LOQ	0.00326	%	NA	< 20	Acceptable	
d8THCV	<LOQ	<LOQ	0.00326	%	NA	< 20	Acceptable	
THCVA	<LOQ	<LOQ	0.00326	%	NA	< 20	Acceptable	
CBN	<LOQ	<LOQ	0.00326	%	NA	< 20	Acceptable	
exo-THC	<LOQ	<LOQ	0.00326	%	NA	< 20	Acceptable	
d9THC	<LOQ	<LOQ	0.00326	%	NA	< 20	Acceptable	
d8THC	<LOQ	<LOQ	0.00326	%	NA	< 20	Acceptable	
9S-d10THC	<LOQ	<LOQ	0.00326	%	NA	< 20	Acceptable	
CBL	<LOQ	<LOQ	0.00326	%	NA	< 20	Acceptable	
9R-d10THC	<LOQ	<LOQ	0.00326	%	NA	< 20	Acceptable	
CBC	0.00486	0.00485	0.00326	%	0.174	< 20	Acceptable	
THCA	<LOQ	<LOQ	0.00326	%	NA	< 20	Acceptable	
CBCA	<LOQ	<LOQ	0.00326	%	NA	< 20	Acceptable	
CBLA	<LOQ	<LOQ	0.00326	%	NA	< 20	Acceptable	
d9THCP	<LOQ	<LOQ	0.00326	%	NA	< 20	Acceptable	
CBT	<LOQ	<LOQ	0.00326	%	NA	< 20	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: 25-001290/D001.R000
Report Date: 02/12/2025
ORELAP#: OR100028
Purchase Order:
Received: 02/05/25 12:09





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.