Columbia LABORATORIES
A Tentamus Company

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

Report Number: 25-002803/D004.R000
Report Date: 03/25/2025
ORELAP#: OR100028
Purchase Order:
Received: 03/18/25 11:30

Customer: NW Natural Goods
United States of America (USA)

Product identity: HEMP - EB 0126
Metrc ID: .
Metrc Source ID:
Material: Cannabinoid Edible
Sample Date:
Laboratory ID: 25-002803-0001
Evidence of Cooling: No
Temp: 21.3 °C
Serving Size #1: 4 g

Sample Results

Potency **Method:** J AOAC 2015 V98-6 (mod)ᵇ **Batch:** 2502001 **Analyze:** 2025-03-19 23:24:00

Analyte	Result	Units	LOQ	Notes	Serving Size #1 Result	Serving Size #1 Units	Serving Size #1 LOQ
CBC	0.00550	%	0.0032		0.220	mg/4g	0.129
CBC-A	< LOQ	%	0.0032		< LOQ	mg/4g	0.129
CBC-Total	< LOQ	%	0.0061		< LOQ	mg/4g	0.242
CBD⊥	0.591	%	0.0032		23.6	mg/4g	0.129
CBD-A⊥	< LOQ	%	0.0032		< LOQ	mg/4g	0.129
CBD-Total⊥	0.591	%	0.0061		23.6	mg/4g	0.242
CBDV	0.00455	%	0.0032		0.182	mg/4g	0.129
CBDV-A	< LOQ	%	0.0032		< LOQ	mg/4g	0.129
CBDV-Total	< LOQ	%	0.0060		< LOQ	mg/4g	0.241
CBE	< LOQ	%	0.0032		< LOQ	mg/4g	0.129
CBG	0.0171	%	0.0032		0.686	mg/4g	0.129
CBG-A	< LOQ	%	0.0032		< LOQ	mg/4g	0.129
CBG-Total	0.0171	%	0.0060		0.684	mg/4g	0.241
CBL	< LOQ	%	0.0032		< LOQ	mg/4g	0.129
CBL-A	< LOQ	%	0.0032		< LOQ	mg/4g	0.129
CBL-Total	< LOQ	%	0.0061		< LOQ	mg/4g	0.242
CBN	0.127	%	0.0032		5.09	mg/4g	0.129
CBT	< LOQ	%	0.0032		< LOQ	mg/4g	0.129
Δ10-THC-9R	< LOQ	%	0.0032		< LOQ	mg/4g	0.129
Δ10-THC-9S	< LOQ	%	0.0032		< LOQ	mg/4g	0.129
Δ10-THC-Total	< LOQ	%	0.0065		< LOQ	mg/4g	0.258
Δ8-THC⊥	< LOQ	%	0.0032		< LOQ	mg/4g	0.129
Δ8-THCV	< LOQ	%	0.0032		< LOQ	mg/4g	0.129
Δ9-THC⊥	< LOQ	%	0.0032		< LOQ	mg/4g	0.129
Δ9-THC-A⊥	< LOQ	%	0.0032		< LOQ	mg/4g	0.129
Δ9-THC-Total⊥	< LOQ	%	0.0061		< LOQ	mg/4g	0.242
Δ9-THCP	< LOQ	%	0.0032		< LOQ	mg/4g	0.129
Δ9-THCV	< LOQ	%	0.0032		< LOQ	mg/4g	0.129
Δ9-THCV-A	< LOQ	%	0.0032		< LOQ	mg/4g	0.129
Δ9-THCV-Total	< LOQ	%	0.0060		< LOQ	mg/4g	0.241

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Potency

Method: J AOAC 2015 V98-6 (mod)[b] **Batch:** 2502001 **Analyze:** 2025-03-19 23:24:00

Analyte	Result	Units	LOQ	Notes	Serving Size #1 Result	Units	LOQ
exo-THC	< LOQ	%	0.0032		< LOQ	mg/4g	0.129
Total Cannabinoids	0.745	%			29.8	mg/4g	

Microbiology

Analyte	Result	Limits	Units	LOQ	Batch	Analyzed	Method	Status	Notes
Aerobic Plate Count	< LOQ		cfu/g	10	2501942	03/21/25	AOAC 990.12 (Petrifilm)		
E.coli	< LOQ		cfu/g	10	2501940	03/21/25	AOAC 991.14 (Petrifilm)		
Total Coliforms	< LOQ		cfu/g	10	2501940	03/21/25	AOAC 991.14 (Petrifilm)		
Mold (RAPID Petrifilm)	< LOQ		cfu/g	10	2501941	03/22/25	AOAC 2014.05 (RAPID)		
Yeast (RAPID Petrifilm)	< LOQ		cfu/g	10	2501941	03/22/25	AOAC 2014.05 (RAPID)		

Solvents

Method: Residual Solvents by HS-GC-MS[b] **Units** µg/g **Batch** 2502015 **Analyze** 03/20/25 01:15 PM

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 **Units** mg/kg **Batch** 2502093 **Analyze** 03/24/25 02:58 PM

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

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Metals

Analyte	Result	Limits	Units	LOQ	Batch	Analyzed	Method	Status	Notes
Arsenic ⊥	< LOQ	0.200	mg/kg	0.0160	2502024	03/20/25	AOAC 2013.06 (mod.)Þ	pass	
Cadmium ⊥	< LOQ	0.200	mg/kg	0.0160	2502024	03/20/25	AOAC 2013.06 (mod.)Þ	pass	
Lead ⊥	< LOQ	0.500	mg/kg	0.0160	2502024	03/20/25	AOAC 2013.06 (mod.)Þ	pass	
Mercury ⊥	< LOQ	0.100	mg/kg	0.00798	2502024	03/20/25	AOAC 2013.06 (mod.)Þ	pass	

Mycotoxins

Analyte	Result	Limits	Units	LOQ	Batch	Analyzed	Method	Status	Notes
Aflatoxin B1 ⊥	< LOQ		µg/kg	5.00	2502002	03/20/25	Mycotoxins by AOAC 2007.01		
Aflatoxin B2 ⊥	< LOQ		µg/kg	5.00	2502002	03/20/25	Mycotoxins by AOAC 2007.01		
Aflatoxin G1 ⊥	< LOQ		µg/kg	5.00	2502002	03/20/25	Mycotoxins by AOAC 2007.01		
Aflatoxin G2 ⊥	< LOQ		µg/kg	5.00	2502002	03/20/25	Mycotoxins by AOAC 2007.01		
Ochratoxin A	< LOQ	20.0	µg/kg	5.00	2502002	03/20/25	Mycotoxins by AOAC 2007.01Þ	pass	
Total Aflatoxins	< LOQ	20.0	µg/kg	20.0		03/25/25	Mycotoxins by AOAC 2007.01Þ	pass	

Nutrition

Analyte	Result	Limits	Units	LOQ	Batch	Analyzed	Method	Status	Notes
Moisture (Loss on Drying)	19.3		g/100g	0.10	2502057	03/20/25	AOAC 925.10 (mod.)		
Water Activity	0.671		Aw	0.030	2501968	03/19/25	AOAC 978.18		

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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.

Þ = ISO/IEC 17025:2017 accredited method.
⊥ = TNI accredited analyte.

Units of Measure

cfu/g = Colony forming units per 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)
% = Percentage of sample
Aw = Water Activity
mg/4g = Milligram per 4g
% wt = µg/g divided by 10,000

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Residue List

Method AOAC 2007.01 **Units** mg/kg **Analyzed** 2025-03-24

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	Chlornitrofen	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

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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	Diflubenzuron	0.10	Diflufenzopyr	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
Ethalfluralin	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	Flonicamid	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	Haloxyfop	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	Isoprocarb	0.10	Isopropalin	0.10	Isoprothiolane	0.10

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Parameter	LOQ	Parameter	LOQ	Parameter	LOQ	Parameter	LOQ
Isoproturon	0.10	Isoxaben	0.10	Isoxaflutole	0.10	Jasmolin I	0.10
Kresoxim-methyl	0.10	Lactofen	0.20	Lenacil	0.10	Linuron	0.10
Malaoxon	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	Metalaxyl	0.10	Metaldehyde	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	Oxychlordane	0.10	Oxydemeton-methyl	0.10	Oxyfluorfen	0.10
Oxythioquinox	0.20	Paclobutrazole	0.10	Paraoxon-ethyl	0.10	Paraoxon-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	Pentachlorothioanisole	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	Propoxycarbazone 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

Columbia LABORATORIES
A Tentamus Company

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

Report Number: 25-002803/D004.R000
Report Date: 03/25/2025
ORELAP#: OR100028
Purchase Order:
Received: 03/18/25 11:30

Residue List

Method AOAC 2007.01 **Units** mg/kg **Analyzed** 2025-03-24

Parameter	LOQ	Parameter	LOQ	Parameter	LOQ	Parameter	LOQ
Pyrimethanil	0.10	Pyriproxyfen	0.10	Pyroxasulfone	0.10	Pyroxsulam	0.10
Quinalphos	0.10	Quinclorac	0.10	Quinoxyfen	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
Tolylfluanid	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	Triflusulfuron-methyl	0.10
Triforine	0.10	Trinexapac-ethyl	0.10	Triticonazole	0.10	Vinclozolin	0.10
Zoxamide	0.10						

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Columbia LABORATORIES
A Tentamus Company

Hemp & Cannabis Chain of Custody

Northwest-Natural-Goods-1742239859

Company Details
Company: Northwest Natural Goods
[redacted]

Billing Information
[redacted]

Project Details
Turnaround Time: 5 Business Days | Req. For Micro Testing | Standard
Relinquishment | Sampling, Courier & Shipping Options: Pick-Up Courier Service
Project Name / ID: HEMP - EB 0126

Pick-Up Details
Pick-Up Location Name: Northwest Natural Goods
[redacted]

Receipt Information
Evidence of Cooling?: No
Sample Condition: Satisfactory
Prelog Storage: Canna Shelves

#	Sample Name	Material	Amount Provided	Reporting Unit	Serving Size	Test ng: M1010 - Micro Profile D	H0008 - Residual Solvents (Cannabis - Oregon)	H0013 - Cannabis Heavy Metals Profile OR	H0042 - Aflatoxins+Ochratoxin OLCC	H0010 - Potency Cannabis (Basic+Expanded)	N3600 - Water Activity & Moisture (as Loss on Drying) Food	P2320 - Multi-Residue Pesticide Profile (Cannabis)
1	HEMP - EB 0126	Cannab no d Ed b e	20 each	mg/g & mg/serv ng	4 g	✓	✓	✓	✓	✓	✓	✓

Relinquished By	Date	Time	Temp., °C
Kristen Johnson	03/17/2025	12:30	
BCR	03/18/2025	11:04	21.3

Received By	Date	Time	Received Temp., °C	IR Therm. CL.#
BCR	03/18/2025	10:30	NA	NA
dst	03/18/2025	11:30	21.3	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
A Tentamus Company

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Report Number: 25-002803/D004.R000
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Purchase Order:
Received: 03/18/25 11:30

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

Laboratory Quality Control Results

J AOAC 2015 V98-6 **Batch ID: 2502001**

Laboratory Control Sample

Analyte	LCS	Result	Spike	Units	% Rec	Limits	Evaluation	Notes
CBDVA	2	0.0328	0.0326	%	101	80.0 - 120	Acceptable	
CBDV	2	0.0345	0.0346	%	99.5	80.0 - 120	Acceptable	
CBE	2	0.0345	0.0341	%	101	80.0 - 120	Acceptable	
CBDA	1	0.0349	0.0352	%	99.3	90.0 - 110	Acceptable	
CBGA	1	0.0346	0.0344	%	100	80.0 - 120	Acceptable	
CBG	1	0.0338	0.0337	%	100	80.0 - 120	Acceptable	
CBD	1	0.0320	0.0330	%	97.2	90.0 - 110	Acceptable	
THCV	2	0.0333	0.0334	%	99.6	80.0 - 120	Acceptable	
d8THCV	2	0.0349	0.0359	%	97.3	80.0 - 120	Acceptable	
THCVA	2	0.0316	0.0317	%	99.7	80.0 - 120	Acceptable	
CBN	1	0.0329	0.0333	%	98.7	80.0 - 120	Acceptable	
exo-THC	2	0.0318	0.0330	%	96.4	80.0 - 120	Acceptable	
d9THC	1	0.0323	0.0333	%	97.0	90.0 - 110	Acceptable	
d8THC	1	0.0332	0.0347	%	95.6	90.0 - 110	Acceptable	
9S-d10THC	1	0.0335	0.0356	%	94.3	80.0 - 120	Acceptable	
CBL	2	0.0307	0.0328	%	93.6	80.0 - 120	Acceptable	
9R-d10THC	1	0.0333	0.0357	%	93.4	80.0 - 120	Acceptable	
CBC	2	0.0334	0.0345	%	96.7	80.0 - 120	Acceptable	
THCA	1	0.0382	0.0375	%	102	90.0 - 110	Acceptable	
CBCA	2	0.0331	0.0333	%	99.4	80.0 - 120	Acceptable	
CBLA	2	0.0327	0.0333	%	98.2	80.0 - 120	Acceptable	
d9THCP	2	0.0294	0.0334	%	88.1	80.0 - 120	Acceptable	
CBT	2	0.0296	0.0343	%	86.5	80.0 - 120	Acceptable	

Method Blank

Analyte	Result	LOQ	Units	Limits	Evaluation	Notes
CBDVA	<LOQ	0.00317	%	< 0.00317	Acceptable	
CBDV	<LOQ	0.00317	%	< 0.00317	Acceptable	
CBE	<LOQ	0.00317	%	< 0.00317	Acceptable	
CBDA	<LOQ	0.00317	%	< 0.00317	Acceptable	
CBGA	<LOQ	0.00317	%	< 0.00317	Acceptable	
CBG	<LOQ	0.00317	%	< 0.00317	Acceptable	
CBD	<LOQ	0.00317	%	< 0.00317	Acceptable	
THCV	<LOQ	0.00317	%	< 0.00317	Acceptable	
d8THCV	<LOQ	0.00317	%	< 0.00317	Acceptable	
THCVA	<LOQ	0.00317	%	< 0.00317	Acceptable	
CBN	<LOQ	0.00317	%	< 0.00317	Acceptable	
exo-THC	<LOQ	0.00317	%	< 0.00317	Acceptable	
d9THC	<LOQ	0.00317	%	< 0.00317	Acceptable	
d8THC	<LOQ	0.00317	%	< 0.00317	Acceptable	
9S-d10THC	<LOQ	0.00317	%	< 0.00317	Acceptable	
CBL	<LOQ	0.00317	%	< 0.00317	Acceptable	
9R-d10THC	<LOQ	0.00317	%	< 0.00317	Acceptable	
CBC	<LOQ	0.00317	%	< 0.00317	Acceptable	
THCA	<LOQ	0.00317	%	< 0.00317	Acceptable	
CBCA	<LOQ	0.00317	%	< 0.00317	Acceptable	
CBLA	<LOQ	0.00317	%	< 0.00317	Acceptable	
d9THCP	<LOQ	0.00317	%	< 0.00317	Acceptable	
CBT	<LOQ	0.00317	%	< 0.00317	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

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

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Purchase Order:
Received: 03/18/25 11:30

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

Laboratory Quality Control Results

J AOAC 2015 V98-6 **Batch ID: 2502001**

Sample Duplicate Sample ID: **25-002744-0001**

Analyte	Result	Org. Result	LOQ	Units	RPD	Limits	Evaluation	Notes
CBDVA	<LOQ	<LOQ	0.00312	%	NA	< 20	Acceptable	
CBDV	0.00363	0.00366	0.00312	%	0.621	< 20	Acceptable	
CBE	<LOQ	<LOQ	0.00312	%	NA	< 20	Acceptable	
CBDA	<LOQ	<LOQ	0.00312	%	NA	< 20	Acceptable	
CBGA	<LOQ	<LOQ	0.00312	%	NA	< 20	Acceptable	
CBG	0.0130	0.0138	0.00312	%	5.60	< 20	Acceptable	
CBD	0.475	0.471	0.00312	%	0.687	< 20	Acceptable	
THCV	<LOQ	<LOQ	0.00312	%	NA	< 20	Acceptable	
d8THCV	<LOQ	<LOQ	0.00312	%	NA	< 20	Acceptable	
THCVA	<LOQ	<LOQ	0.00312	%	NA	< 20	Acceptable	
CBN	<LOQ	<LOQ	0.00312	%	NA	< 20	Acceptable	
exo-THC	<LOQ	<LOQ	0.00312	%	NA	< 20	Acceptable	
d9THC	<LOQ	<LOQ	0.00312	%	NA	< 20	Acceptable	
d8THC	<LOQ	<LOQ	0.00312	%	NA	< 20	Acceptable	
9S-d10THC	<LOQ	<LOQ	0.00312	%	NA	< 20	Acceptable	
CBL	<LOQ	<LOQ	0.00312	%	NA	< 20	Acceptable	
9R-d10THC	<LOQ	<LOQ	0.00312	%	NA	< 20	Acceptable	
CBC	0.244	0.242	0.00312	%	0.803	< 20	Acceptable	
THCA	<LOQ	<LOQ	0.00312	%	NA	< 20	Acceptable	
CBCA	<LOQ	<LOQ	0.00312	%	NA	< 20	Acceptable	
CBLA	<LOQ	<LOQ	0.00312	%	NA	< 20	Acceptable	
d9THCP	<LOQ	<LOQ	0.00312	%	NA	< 20	Acceptable	
CBT	0.0167	0.0166	0.00312	%	1.12	< 20	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

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

Report Number: 25-002803/D004.R000
Report Date: 03/25/2025
ORELAP#: OR100028
Purchase Order:
Received: 03/18/25 11:30

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

Laboratory Quality Control Results

Residual Solvents **Batch ID:** 2502015

Method Blank					Laboratory Control Sample							
Analyte	**Result**		**LOQ**	**Notes**	**Result**	**Spike**	**Units**	**% Rec**	**Limits**			**Notes**
Propane	ND	<	200		517	585	µg/g	88.4	60	-	120	
Isobutane	ND	<	200		682	770	µg/g	88.6	60	-	120	
Butane	ND	<	200		671	769	µg/g	87.3	60	-	120	
2,2-Dimethylpropane	ND	<	200		783	956	µg/g	81.9	60	-	120	
Methanol	ND	<	200		1720	1650	µg/g	104.2	60	-	120	
Ethylene Oxide	ND	<	30		50.3	57.7	µg/g	87.2	60	-	120	
2-Methylbutane	ND	<	200		1680	1620	µg/g	103.7	60	-	120	
Pentane	ND	<	200		1690	1620	µg/g	104.3	60	-	120	
Ethanol	ND	<	200		1710	1680	µg/g	101.8	70	-	130	
Ethyl Ether	ND	<	200		1670	1640	µg/g	101.8	60	-	120	
2,2-Dimethylbutane	ND	<	30		190	182	µg/g	104.4	60	-	120	
Acetone	ND	<	200		1680	1640	µg/g	102.4	60	-	120	
2-Propanol	ND	<	200		1660	1630	µg/g	101.8	60	-	120	
Ethyl Formate	ND	<	500		1170	1610	µg/g	72.7	70	-	130	
Acetonitrile	ND	<	100		529	513	µg/g	103.1	60	-	120	
Methyl Acetate	ND	<	500		1640	1610	µg/g	101.9	70	-	130	
2,3-Dimethylbutane	ND	<	30		189	184	µg/g	102.7	60	-	120	
Dichloromethane	ND	<	60		599	589	µg/g	101.7	60	-	120	
2-Methylpentane	ND	<	30		193	185	µg/g	104.3	60	-	120	
MTBE	ND	<	500		1590	1610	µg/g	98.8	70	-	130	
3-Methylpentane	ND	<	30		183	177	µg/g	103.4	60	-	120	
Hexane	ND	<	30		181	174	µg/g	104.0	60	-	120	
1-Propanol	ND	<	500		1600	1600	µg/g	100.0	70	-	130	
Methylethylketone	ND	<	500		1610	1610	µg/g	100.0	70	-	130	
Ethyl acetate	ND	<	200		1660	1620	µg/g	102.5	60	-	120	
2-Butanol	ND	<	200		1620	1640	µg/g	98.8	60	-	120	
Tetrahydrofuran	ND	<	100		519	511	µg/g	101.6	60	-	120	
Cyclohexane	ND	<	200		1580	1610	µg/g	98.1	60	-	120	
2-methyl-1-propanol	ND	<	500		1620	1610	µg/g	100.6	70	-	130	
Benzene	ND	<	1		5.17	5.56	µg/g	93.0	60	-	120	
Isopropyl Acetate	ND	<	200		1580	1620	µg/g	97.5	60	-	120	
Heptane	ND	<	200		1520	1610	µg/g	94.4	60	-	120	
1-Butanol	ND	<	500		1490	1610	µg/g	92.5	70	-	130	
Propyl Acetate	ND	<	500		1550	1620	µg/g	95.7	70	-	130	
1,4-Dioxane	ND	<	100		470	487	µg/g	96.5	60	-	120	
2-Ethoxyethanol	ND	<	30		169	180	µg/g	93.9	60	-	120	
Methylisobutylketone	ND	<	500		1500	1620	µg/g	92.6	70	-	130	
3-Methyl-1-butanol	ND	<	500		1430	1600	µg/g	89.4	70	-	130	
Ethylene Glycol	ND	<	200		412	530	µg/g	77.7	60	-	120	
Toluene	ND	<	100		466	497	µg/g	93.8	60	-	120	
Isobutyl Acetate	ND	<	500		1530	1620	µg/g	94.4	70	-	130	
1-Pentanol	ND	<	500		1490	1600	µg/g	93.1	70	-	130	
Butyl Acetate	ND	<	500		1540	1600	µg/g	96.3	70	-	130	
Ethylbenzene	ND	<	200		1030	1060	µg/g	97.2	60	-	120	
m,p-Xylene	ND	<	200		942	1040	µg/g	90.6	60	-	120	
o-Xylene	ND	<	200		966	1090	µg/g	88.6	60	-	120	
Cumene	ND	<	30		203	227	µg/g	89.4	60	-	120	
Anisole	ND	<	500		1430	1610	µg/g	88.8	70	-	130	
DMSO	ND	<	500		1390	1600	µg/g	86.9	70	-	130	
1,2-dimethoxyethane	ND	<	50		164	162	µg/g	101.2	70	-	130	
Triethylamine	ND	<	500		1500	1600	µg/g	93.8	70	-	130	
N,N-dimethylformamide	ND	<	150		497	487	µg/g	102.1	70	-	130	
N,N-dimethylacetamide	ND	<	150		462	498	µg/g	92.8	70	-	130	
Pyridine	ND	<	50		167	162	µg/g	103.1	70	-	130	
Sulfolane	ND	<	50		131	173	µg/g	75.7	70	-	130	
1,2-Dichloroethane	ND	<	1		1.05	1	µg/g	105.0	70	-	130	
Chloroform	ND	<	1		1.05	1	µg/g	105.0	70	-	130	
Trichloroethylene	ND	<	1		0.945	1	µg/g	94.5	70	-	130	
1,1-Dichloroethane	ND	<	1		1.14	1	µg/g	114.0	70	-	130	

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Report Number: 25-002803/D004.R000
Report Date: 03/25/2025
ORELAP#: OR100028
Purchase Order:
Received: 03/18/25 11:30

QC - Sample Duplicate **Sample ID: 25-002637-0001**

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	7170	7880	200	µg/g	9.4	< 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	548	605	200	µg/g	9.9	< 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	1410	1580	500	µg/g	11.4	< 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

Columbia LABORATORIES
A Tentamus Company

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

Report Number:	25-002803/D004.R000
Report Date:	03/25/2025
ORELAP#:	OR100028
Purchase Order:	
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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.