



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



**Report Number:** 23-001039/D006.R000  
**Report Date:** 01/31/2023  
**ORELAP#:** OR100028  
**Purchase Order:**  
**Received:** 01/25/23 10:55

**Customer:** NW Natural Goods  
**Product identity:** Bev- BO 023024 17-1  
**Client/Metric ID:** .  
**Laboratory ID:** 23-001039-0003

### Summary

**Potency:**

Analyte per 355ml	Result	Limits	Units	Status	
CBD per 355ml	27.2		mg/355ml		CBD-Total per Serving Size 27.2 mg/355ml
CBG per 355ml	0.779		mg/355ml		
					THC-Total per Serving Size <LOQ
					(Reported in milligrams per serving)

**Residual Solvents:**

*All analytes passing and less than LOQ.*

**Pesticides:**

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

**Metals:**

*Less than LOQ for all analytes.*

**Microbiology:**

*Less than LOQ for all analytes.*



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**Customer:** NW Natural Goods  
**Product identity:** Bev- BO 023024 17-1  
**Client/Metric ID:** .  
**Sample Date:**  
**Laboratory ID:** 23-001039-0003  
**Evidence of Cooling:** No  
**Temp:** 17.4  
**Relinquished by:** hinton  
**Serving Size #1:** 362.1 g  
**Density:** 1.020 g/ml

### Sample Results

Potency per 355ml		Method: J AOAC 2015 V98-6 (mod) <sup>b</sup>		Units mg/se	Batch: 2300844	Analyze: 1/27/23 12:58:00 AM
Analyte	Result	Limits	Units	LOQ	Notes	
CBC per 355ml	< LOQ		mg/355ml	0.362		
CBC-A per 355ml	< LOQ		mg/355ml	0.362		
CBC-Total per 355ml	< LOQ		mg/355ml	0.679		
CBD per 355ml	27.2		mg/355ml	0.362		
CBD-A per 355ml	< LOQ		mg/355ml	0.362		
CBD-Total per 355ml	27.2		mg/355ml	0.679		
CBDV per 355ml	< LOQ		mg/355ml	0.362		
CBDV-A per 355ml	< LOQ		mg/355ml	0.362		
CBDV-Total per 355ml	< LOQ		mg/355ml	0.675		
CBE per 355ml	< LOQ		mg/355ml	0.362		
CBG per 355ml	0.779		mg/355ml	0.362		
CBG-A per 355ml	< LOQ		mg/355ml	0.362		
CBG-Total per 355ml	0.779		mg/355ml	0.675		
CBL per 355ml	< LOQ		mg/355ml	0.362		
CBL-A per 355ml	< LOQ		mg/355ml	0.362		
CBL-Total per 355ml	< LOQ		mg/355ml	0.679		
CBN per 355ml	< LOQ		mg/355ml	0.362		
CBT per 355ml	< LOQ		mg/355ml	0.362		
Δ8-THCV per 355ml	< LOQ		mg/355ml	0.362		
Δ10-THC-9R per 355ml	< LOQ		mg/355ml	0.362		
Δ10-THC-9S per 355ml	< LOQ		mg/355ml	0.362		
Δ10-THC-Total per 355ml	< LOQ		mg/355ml	0.724		
Δ8-THC per 355ml	< LOQ		mg/355ml	0.362		
Δ9-THC per 355ml	< LOQ		mg/355ml	0.362		
exo-THC per 355ml	< LOQ		mg/355ml	0.362		
THC-A per 355ml	< LOQ		mg/355ml	0.362		
THC-Total per 355ml	< LOQ		mg/355ml	0.679		
THCV per 355ml	< LOQ		mg/355ml	0.362		
THCV-A per 355ml	< LOQ		mg/355ml	0.362		
THCV-Total per 355ml	< LOQ		mg/355ml	0.679		
Total Cannabinoids per 355ml	28.2		mg/355ml			



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**Microbiology**

Analyte	Result	Limits	Units	LOQ	Batch	Analyzed Method	Status	Notes
E.coli	< LOQ		cfu/g	10	2300796	01/28/23 AOAC 991.14 (Petrifilm) <sup>P</sup>		
Total Coliforms	< LOQ		cfu/g	10	2300796	01/28/23 AOAC 991.14 (Petrifilm) <sup>P</sup>		
Mold (RAPID Petrifilm)	< LOQ		cfu/g	10	2300797	01/29/23 AOAC 2014.05 (RAPID) <sup>P</sup>		
Yeast (RAPID Petrifilm)	< LOQ		cfu/g	10	2300797	01/29/23 AOAC 2014.05 (RAPID) <sup>P</sup>		

**Solvents** Method: Residual Solvents by GC/MS<sup>P</sup> Units µg/g Batch 2300908 Analyze 01/31/23 09:56 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)<sup>P</sup> Units mg/kg Batch 2300889 Analyze 01/30/23 02:05 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	0.00388	2300930	01/30/23 AOAC 2013.06 (mod.) <sup>P</sup>	pass	
Cadmium	< LOQ	0.200	mg/kg	0.00388	2300930	01/30/23 AOAC 2013.06 (mod.) <sup>P</sup>	pass	
Lead	< LOQ	0.500	mg/kg	0.00388	2300930	01/30/23 AOAC 2013.06 (mod.) <sup>P</sup>	pass	
Mercury	< LOQ	0.100	mg/kg	0.00194	2300930	01/30/23 AOAC 2013.06 (mod.) <sup>P</sup>	pass	

**Mycotoxins**

Analyte	Result	Limits	Units	LOQ	Batch	Analyzed Method	Status	Notes
Aflatoxin B2 <sup>‡</sup>	< LOQ		µg/kg	5.00	2300825	01/27/23 AOAC 2007.01 & EN 15662 (mod) <sup>P</sup>		
Aflatoxin B1 <sup>‡</sup>	< LOQ		µg/kg	5.00	2300825	01/27/23 AOAC 2007.01 & EN 15662 (mod) <sup>P</sup>		
Aflatoxin G1 <sup>‡</sup>	< LOQ		µg/kg	5.00	2300825	01/27/23 AOAC 2007.01 & EN 15662 (mod) <sup>P</sup>		
Aflatoxin G2 <sup>‡</sup>	< LOQ		µg/kg	5.00	2300825	01/27/23 AOAC 2007.01 & EN 15662 (mod) <sup>P</sup>		
Ochratoxin A <sup>‡</sup>	< LOQ	20.0	µg/kg	5.00	2300825	01/27/23 AOAC 2007.01 & EN 15662 (mod) <sup>P</sup>	pass	
Total Aflatoxins <sup>‡</sup>	0.000	20.0	µg/kg	20.0		01/31/23 AOAC 2007.01 & EN 15662 (mod) <sup>P</sup>	pass	

**Nutrition**

Analyte	Result	Limits	Units	LOQ	Batch	Analyzed Method	Status	Notes
Moisture (Loss on Drying)	99.4		g/100g	0.10	2300839	01/26/23 AOAC 925.10 (mod.) <sup>P</sup>		
Water Activity	0.989		Aw	0.030	2300823	01/26/23 AOAC 978.18 <sup>P</sup>		



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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.

<sup>p</sup> = ISO/IEC 17025:2017 accredited method.

<sup>\*</sup> = TNI accredited analyte.

### Units of Measure

cfu/g = Colony forming units per gram

g = g

g/ml = Gram per milliliter

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/355ml = Milligram per 355ml

% = Percentage of sample

Aw = Water Activity

% wt = µg/g divided by 10,000

Approved Signatory

Derrick Tanner  
General Manager



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**P2320 Multi-Residue Pesticide Profile  
Cannabis**

Analyte	LOQ (mg/kg)
2,4-D	0.1
Abamectin	0.1
Acephate	0.2
Acequinocyl	0.2
Acetamiprid	0.1
Acetochlor	0.2
Acrinathrin	0.1
Alachlor	0.1
Aldicarb	0.1
Aldoxycarb	0.1
Aldrin	0.1
Ametoctradin	0.1
Ametryn	0.1
Anilazine	0.1
Aspon	0.1
Asulam	0.1
Atrazine	0.1
Atrazine-desethyl	0.1
Azinphos-ethyl	0.1
Azinphos-methyl	0.1
Azoxystrobin	0.1
Benalaxyl	0.1
Bendiocarb	0.1
Benoxacor	0.1
Bensulide	0.1
Bentazon	0.1
Bifenazate	0.1
Bifenox	0.1
Bifenthrin	0.1
Binapacryl	0.1
Boscalid	0.1
Bromacil	0.1
Bromophos-ethyl	0.1
Bromopropylate	0.1
Bromoxynil	0.1
Bupirimate	0.1
Buprofezin	0.1
Butachlor	0.1
Butylate	0.1
Cadusafos	0.1
Captan	0.2
Carbaryl	0.1
Carbendazim	0.1
Carbofuran	0.1
Carbofuran 3-hydroxy	0.1
Carbophenothion	0.1
Carbophenothion-methyl	0.1
Carboxin	0.1

Analyte	LOQ (mg/kg)
Chlorantraniliprol	0.1
Chlordane, cis-	0.1
Chlordane, trans-	0.1
Chlorfenapyr	0.1
Chlorfenvinphos	0.1
Chlorobenzilate	0.1
Chlorpyrifos-ethyl	0.1
Chlorpyrifos-methyl	0.1
Chlorthal-dimethyl (Dacthal)	0.1
Clethodim	0.1
Clethodim sulfone	0.1
Clethodim sulfoxide	0.1
Clofentezine	0.1
Clomazone	0.1
Clopyralid	0.1
Clothianidin	0.1
Coumaphos	0.1
Crotoxyphos	0.1
Cyanofenphos	0.1
Cyanophos	0.1
Cyantraniliprole	0.1
Cyazofamid	0.1
Cyfluthrin	0.1
Cyhalothrin, lambda	0.1
Cymoxanil	0.1
Cypermethrin	0.1
Cyprodinil	0.1
DDD, o,p'-	0.1
DDD, p,p'-	0.1
DDE, o,p'-	0.1
DDE, p,p'-	0.1
DDT, o,p'-	0.1
DDT, p,p'-	0.1
DEET	0.1
Deltamethrin	0.1
Demeton-S	0.1
Demeton-s-methyl	0.1
Demeton-S-methyl-sulfone	0.1
Desmedipham	0.1
Diazinon	0.1
Dicamba	0.1
Dichlofenthion	0.1
Dichlofluandil	0.1
Dichlorbenzamid	0.1
Dichlorvos	0.1
Diclofop	0.1
Diclofop-methyl	0.1
Dicrotophos	0.1

Analyte	LOQ (mg/kg)
Dieldrin	0.1
Diethofencarb	0.1
Difenoconazol	0.1
Diflubenzuron	0.1
Diflufenzopyr	0.1
Dimethenamid	0.1
Dimethoat	0.1
Dimethomorph	0.1
Dinoseb	0.1
Dinotefuran	0.1
Dioxaathion	0.1
Diphenamid	0.1
Diphenylamine (DPA)	0.1
Disulfoton	0.1
Disulfoton-sulfone	0.1
Disulfoton-Sulfoxide	0.1
Diuron	0.1
DNOC	0.1
Edifenphos	0.1
Endosulfan (alpha isomer)	0.1
Endosulfan (beta isomer)	0.1
Endosulfan-sulfate	0.1
Endrin	0.1
EPN	0.1
EPTC	0.1
Esfenvalerate/Fenvalerate	0.1
Ethiofencarb	0.1
Ethion	0.1
Ethofumesate	0.1
Ethoprophos	0.1
Etofenprox	0.1
Etoxazole	0.1
Etrimfos	0.1
Famoxadone	0.1
Famphur	0.1
Fenamiphos	0.1
Fenamiphos-Sulfone	0.1
Fenamiphos-Sulfoxide	0.1
Fenazaquin	0.1
Fenbuconazole	0.1
Fenhexamid	0.1
Fenobucarb	0.1
Fenoxycarb	0.1
Fenpropathrin	0.1
Fensulfothion	0.1
Fenthion	0.1
Fenuron	0.1
Fipronil	0.1

LOQ= Limit of Quantitation  
mg/kg= milligram per kilogram (ppm)



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**P2320 Multi-Residue Pesticide Profile  
Cannabis**

Analyte	LOQ (mg/kg)
Flonicamid	0.1
Fluazifop	0.1
Fluazinam	0.1
Flucythrinate	0.1
Fludioxonil	0.1
Flufenacet	0.1
Flumioxazin	0.1
Flupicolide	0.1
Fluopyram	0.1
Fluoxastrobin	0.1
Flupyradifurone	0.1
Fluridone	0.1
Fluroxypyr	0.1
Fluthiacet-methyl	0.1
Flutolanil	0.1
Flutriafol	0.1
Fluvalinate	0.1
Fluxapyroxad	0.1
Fomesafen	0.1
Formetanate	0.1
Furathiocarb	0.1
Haloxypop	0.1
Heptachlor	0.1
Heptachlor epoxide	0.1
Hexaconazole	0.1
Hexazinone	0.1
Hexythiazox	0.1
Hydropene	0.1
Imazalil	0.1
Imazethapyr	0.1
Imidacloprid	0.1
Indaziflam	0.1
Indoxacarb	0.1
Iprobenfos	0.1
Iprodion	0.1
Isobenzan	0.1
Isufenphos	0.1
Isufenphos-methyl	0.1
Isufenphos-oxon	0.1
Isoprocab	0.1
Isoprothiolane	0.1
Isoproturon	0.1
Isoxaben	0.1
Kresoxim-methyl	0.1
Lindane	0.1
Linuron	0.1
Malaoxon	0.1
Malathion	0.1

Analyte	LOQ (mg/kg)
Mandipropamid	0.1
MCPA	0.1
MCPB	0.1
MCPP	0.1
Mecabarm	0.1
Mepanipyrim	0.1
Mesotrione	0.1
Metaxyl	0.1
Methamidophos	0.1
Methiocarb	0.1
Methiocarb sulfone	0.1
Methiocarb sulfoxide	0.1
Methomyl	0.1
Methoxyfenozide	0.1
Metolachlor	0.1
Metolcarb	0.1
Metrafenone	0.1
Mevinphos	0.1
MGK 264	0.1
Molinat	0.1
Monocrotophos	0.1
Monolinuron	0.1
Myclobutanil	0.1
Naled	0.1
Napropamide	0.1
Neburon	0.1
Norflurazon	0.1
Novaluron	0.1
Omethoat	0.1
Oryzalin	0.1
Oxadiazon	0.1
Oxadixyl	0.1
Oxamyl	0.1
Oxamyl-oxime	0.1
Oxychlorane	0.1
Oxydemeton-Methyl	0.1
Oxyfluorfen	0.1
Paclobutrazol	0.1
Paraoxon-ethyl	0.1
Paraoxon-methyl	0.1
Parathion-methyl	0.1
Penconazole	0.1
Pendimethalin	0.1
Penflufen	0.1
Penthiopyrad	0.1
Permethrin	0.1
Perthane	0.1
Phenmedipham	0.1

Analyte	LOQ (mg/kg)
Phenothrin	0.1
Phenthoate	0.1
Phorate	0.1
Phorate-Sulfone	0.1
Phorate-Sulfoxide	0.1
Phosalone	0.1
Phosmet	0.1
Phosphamidon	0.1
Phoxim	0.1
Pinoxaden	0.1
Piperonyl Butoxide	0.1
Pirimicarb	0.1
Pirimiphos-ethyl	0.1
Pirimiphos-methyl	0.1
Prallethrin	0.1
Prochloraz	0.1
Procymidone	0.1
Profenofos	0.1
Promecarb	0.1
Prometon	0.1
Prometryn	0.1
Propachlor	0.1
Propamocarb	0.1
Propanil	0.1
Propazine	0.1
Propetamophos	0.1
Propham	0.1
Propiconazole	0.1
Propoxur	0.1
Propyzamide	0.1
Prothiofos	0.1
Pyraclostrobin	0.1
Pyraflufen Ethyl	0.1
Pyrazophos	0.1
Pyrethrin	0.1
Pyridaben	0.1
Pyrimethanil	0.1
Pyriproxifen	0.1
Pyroxasulfone	0.1
Pyroxsulam	0.1
Quinalphos	0.1
Quinclorac	0.1
Quinoxifen	0.1
Quintozene(PCNB)	0.2
Quizalofop	0.1
Resmethrin	0.1
Rotenone	0.1
Safufenacil	0.1

LOQ= Limit of Quantitation  
mg/kg= milligram per kilogram (ppm)



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 Cannabis**

Analyte	LOQ (mg/kg)
Sebuthylazin	0.1
Sethoxydim	0.1
Simazine	0.1
Simetryn	0.1
Spinetoram J/L	0.1
Spinosyn A/D	0.1
Spirodiclofen	0.1
Spiromesifen	0.1
Spirotetramat	0.1
Spiroxamine	0.1
Sulfentrazone	0.1
Sulfotep	0.1
Sulfoxaflor	0.1
Sulprofos	0.1
Tebuconazole	0.1
Tebufenozide	0.1
Terbufos	0.1
Terbutylazine	0.1
Terbutryn	0.1
Tetrachlorvinphos	0.1
Tetraconazole	0.1
Tetramethrin	0.1
Thiabendazol	0.1
Thiabendazol-5-hydroxy	0.1
Thiacloprid	0.1
Thiamethoxam	0.1
Thiobencarb	0.1
Thiodicarb	0.1
Thiometon	0.1
Thiophanate-methyl	0.2
Tolfenpyrad	0.1
Tolyfluanid	0.1
Triadimefon	0.1
Triadimenol	0.1
Triazophos	0.1
Trifloxystrobin	0.1
Triflumizole	0.1
Triticonazole	0.1
Zoxamid	0.1

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 mg/kg= milligram per kilogram (ppm)





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**Hemp & Cannabis: Usable / Extract / Finish**  
**Chain of Custody Record**

ORELAP ID: OR100028 ANAB ISO 17025 ID: AT-150

NWNATURALGOODS 23-001039



Document Control ID: 2832 Revision: 5  
 Effective: 01/04/2022

<b>Company:</b> Northwest Natural Goods <b>Contact:</b> Annie Nair <b>Address:</b> 11791 SE HWY 212 <b>City:</b> Clackamas <b>State:</b> OR <b>Zip Code:</b> 97015 <input checked="" type="checkbox"/> <b>Email Results:</b> annienair@nwnaturalgoods.com <input type="checkbox"/> <b>Ph:</b> ( ) - <i>Billing Contact (if different)</i> <b>Name:</b> <b>Email:</b> <b>Address:</b> <b>City:</b> <b>State:</b> <b>Zip:</b> <b>Ph:</b> ( ) -			<b>Analysis Requester:</b> NW Natural Goods										<b>Batch ID:</b> <b>Sampled by:</b> <b>Custom Reporting:</b>		
			<b>Source Material:</b> <input type="checkbox"/> - Ind. Hemp product   <input type="checkbox"/> - Rec. Cannabis <b>Reporting Type:</b> <input type="checkbox"/> - Compliance   <input type="checkbox"/> - R&D <b>Report to:</b> <input type="checkbox"/> - METRC   <input type="checkbox"/> - ODA   <input type="checkbox"/> - USDA   <input type="checkbox"/> - Other:										<b>Turnaround time (TAT - Business Days):</b> <input checked="" type="checkbox"/> - 5BD   <input type="checkbox"/> - 3BD*   <input type="checkbox"/> - 2BD* <i>*Check for availability</i>		
Lab ID	Client Sample Identification	Sample date	Pesticides - OR 59 Compounds	Pesticide Multi-Residue - 379 compounds	Potency	Residual Solvents	Water Activity	Moisture	Micro: Yeast and Mold	Micro: E.Coli and Total Coliform	Heavy Metals	Mycotoxins	Material Type †	Weight (Units)	Comments/Metric ID
	Bev-LM 022335 11-2	01/24/23	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		362.1g	
<b>Signature - Relinquished By:</b> Annie Nair MNA			<b>Date:</b> 01/25/23 <b>Time:</b> 10:49			<b>Signature - Received By:</b> MNA ABS			<b>Date:</b> 1/25/23 <b>Time:</b> 10:55			<b>Lab Use Only:</b> <input type="checkbox"/> Shipped Via: _____ or <input type="checkbox"/> Client drop off Evidence of cooling: <input type="checkbox"/> Yes   <input type="checkbox"/> No - Temp (°C): 17.5 Sample in good condition: <input type="checkbox"/> Yes   <input type="checkbox"/> No Payment: <input type="checkbox"/> Cash   <input type="checkbox"/> Check   <input type="checkbox"/> CC   <input type="checkbox"/> Net: Prelog storage:			

† - Material Type Codes: Plant Material (P) ; Isolate (I) ; Concentrate/Extract (C) ; Tincture/Topical (T) ; Edible (E) ; Beverage (B) ; Vapor Product (V)

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12423 NE Whitaker Way  
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 503-254-1794



**Report Number:** 23-001039/D006.R000  
**Report Date:** 01/31/2023  
**ORELAP#:** OR100028  
**Purchase Order:**  
**Received:** 01/25/23 10:55



**Hemp & Cannabis: Usable / Extract / Finished Product  
 Chain of Custody Record**

Document Control ID: 2832 Revision: 5  
 Effective: 01/04/2022

ORELAP ID: OR100028 ANAB ISO 17025 ID: AT-1508

<b>Company:</b> Northwest Natural Goods <b>Contact:</b> Annie Nair <b>Address:</b> 11791 SE HWY 212 <b>City:</b> Clackamas <b>State:</b> OR <b>Zip Code:</b> 97015 <input checked="" type="checkbox"/> <b>Email Results:</b> annienair@nwnaturalgoods.com <input type="checkbox"/> <b>Ph:</b> ( ) - <i>Billing Contact (if different)</i> <b>Name:</b> <b>Email:</b> <b>Address:</b> <b>City:</b> <b>State:</b> <b>Zip:</b> <b>Ph:</b> ( ) -			<b>Analysis Requested</b> <table border="1"> <tr> <td>Pesticides - OR 59 Compounds</td> <td>Pesticide Multi-Residue - 379 compounds</td> <td>Potency</td> <td>Residual Solvents</td> <td>Water Activity</td> <td>Moisture</td> <td>Micro: Yeast and Mold</td> <td>Micro: E. Coli and Total Coliform</td> <td>Heavy Metals</td> <td>Mycotoxins</td> </tr> <tr> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> </tr> </table>										Pesticides - OR 59 Compounds	Pesticide Multi-Residue - 379 compounds	Potency	Residual Solvents	Water Activity	Moisture	Micro: Yeast and Mold	Micro: E. Coli and Total Coliform	Heavy Metals	Mycotoxins	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	<b>PO Number:</b> <b>Project ID:</b> <b>Batch ID:</b> <b>Sampled by:</b> <b>Custom Reporting:</b> <b>Source Material:</b> <input type="checkbox"/> - Ind. Hemp product   <input type="checkbox"/> - Rec. Cannabis <b>Reporting Type:</b> <input type="checkbox"/> - Compliance   <input type="checkbox"/> - R&D <b>Report to:</b> <input type="checkbox"/> - METRC   <input type="checkbox"/> - ODA   <input type="checkbox"/> - USDA   <input type="checkbox"/> - Other: <b>Turnaround time (TAT - Business Days):</b> <input checked="" type="checkbox"/> - 5BD   <input type="checkbox"/> - 3BD*   <input type="checkbox"/> - 2BD* <i>*Check for availability</i>		
Pesticides - OR 59 Compounds	Pesticide Multi-Residue - 379 compounds	Potency	Residual Solvents	Water Activity	Moisture	Micro: Yeast and Mold	Micro: E. Coli and Total Coliform	Heavy Metals	Mycotoxins																										
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓																										
Lab ID	Client Sample Identification	Sample date								Material Type †	Weight (Units)	Comments/Metric ID																							
	Bev - RB 023009 17-2	01/24/23									362.1g																								
Signature - Relinquished By:			Date	Time	Signature - Received By:			Date	Time	Lab Use Only:																									
Annie Nair			01/25/23		MNA			1/25	10:20	<input type="checkbox"/> Shipped Via: _____ or <input type="checkbox"/> Client drop off Evidence of cooling: <input type="checkbox"/> Yes   <input type="checkbox"/> No - Temp (°C): 17.4 Sample in good condition: <input type="checkbox"/> Yes   <input type="checkbox"/> No Payment: <input type="checkbox"/> Cash   <input type="checkbox"/> Check   <input type="checkbox"/> CC   <input type="checkbox"/> Net: Prelog storage:																									
MNA			1/25	10:49	DSS			01/25/23	1054																										

† - Material Type Codes: Plant Material (P) ; Isolate (I) ; Concentrate/Extract (C) ; Tincture/Topical (T) ; Edible (E) ; Beverage (B) ; Vapor Product (V)

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**Report Number:** 23-001039/D006.R000  
**Report Date:** 01/31/2023  
**ORELAP#:** OR100028  
**Purchase Order:**  
**Received:** 01/25/23 10:55



**Hemp & Cannabis: Usable / Extract / Finished Product  
Chain of Custody Record**

ORELAP ID: OR100028 ANAB ISO 17025 ID: AT-1508

Document Control ID: 2832 Revision: 5  
Effective: 01/04/2022

<b>Company:</b> Northwest Natural Goods <b>Contact:</b> Annie Nair <b>Address:</b> 11791 SE HWY 212 <b>City:</b> Clackamas <b>State:</b> OR <b>Zip Code:</b> 97015 <input checked="" type="checkbox"/> <b>Email Results:</b> annienair@nwnaturalgoods.com <b>Ph:</b> ( ) - <i>Billing Contact (if different)</i> <b>Name:</b> <b>Email:</b> <b>Address:</b> <b>City:</b> <b>State:</b> <b>Zip:</b> <b>Ph:</b> ( ) -			<b>Analysis Requested</b> Pesticides - OR 59 Compounds Pesticide Multi-Residue - 379 compounds Potency Residual Solvents Water Activity Moisture Micro: Yeast and Mold Micro: E. Coli and Total Coliform Heavy Metals Mycotoxins										<b>PO Number:</b> <b>Project ID:</b> <b>Batch ID:</b> <b>Sampled by:</b> <b>Custom Reporting:</b> <b>Source Material:</b> <input type="checkbox"/> - Ind. Hemp product   <input type="checkbox"/> - Rec. Cannabis <b>Reporting Type:</b> <input type="checkbox"/> - Compliance   <input type="checkbox"/> - R&D <b>Report to:</b> <input type="checkbox"/> - METRC   <input type="checkbox"/> - ODA   <input type="checkbox"/> - USDA   <input type="checkbox"/> - Other: <b>Turnaround time (TAT - Business Days):</b> <input checked="" type="checkbox"/> - 5BD   <input type="checkbox"/> - 3BD*   <input type="checkbox"/> - 2BD* <i>*Check for availability</i>		
Lab ID	Client Sample Identification	Sample date	Pesticides - OR 59 Compounds	Pesticide Multi-Residue - 379 compounds	Potency	Residual Solvents	Water Activity	Moisture	Micro: Yeast and Mold	Micro: E. Coli and Total Coliform	Heavy Metals	Mycotoxins	Material Type †	Weight (Units)	Comments/Metric ID
	Bev - BO 023024 17-1	01/24/23	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		362.1g	
<b>Signature - Relinquished By:</b> Annie Nair <i>MNA</i>			<b>Date:</b> 01/25/23	<b>Time:</b> 10:49	<b>Signature - Received By:</b> <i>MNA</i> <i>LBS</i>			<b>Date:</b> 1/25 01/25/23	<b>Time:</b> 10:19 1055	<b>Lab Use Only:</b> <input type="checkbox"/> Shipped Via: _____ or <input type="checkbox"/> Client drop off Evidence of cooling: <input type="checkbox"/> Yes   <input type="checkbox"/> No - Temp (°C): <u>17.4</u> Sample in good condition: <input type="checkbox"/> Yes   <input type="checkbox"/> No Payment: <input type="checkbox"/> Cash   <input type="checkbox"/> Check   <input type="checkbox"/> CC   <input type="checkbox"/> Net: Prelog storage:					

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**Report Number:** 23-001039/D006.R000  
**Report Date:** 01/31/2023  
**ORELAP#:** OR100028  
**Purchase Order:**  
**Received:** 01/25/23 10:55

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

Laboratory Quality Control Results

J AOAC 2015 V98-6 Batch ID: 2300844

Laboratory Control Sample										
Analyte	LCS	Result	Spike	Units	% Rec	Limits		Evaluation	Notes	
CBDVA	2	0.0010	0.001	%	97.6	80.0	- 120	Acceptable		
CBDV	2	0.0011	0.001	%	102	80.0	- 120	Acceptable		
CBE	2	0.0011	0.001	%	102	80.0	- 120	Acceptable		
CBDA	1	0.0010	0.001	%	100.0	90.0	- 110	Acceptable		
CBGA	1	0.0010	0.001	%	102	80.0	- 120	Acceptable		
CBG	1	0.0010	0.001	%	104	80.0	- 120	Acceptable		
CBD	1	0.0010	0.001	%	101	90.0	- 110	Acceptable		
THCV	2	0.0011	0.001	%	100	80.0	- 120	Acceptable		
d8THCV	2	0.0011	0.001	%	104	80.0	- 120	Acceptable		
THCVA	2	0.0010	0.001	%	96.8	80.0	- 120	Acceptable		
CBN	1	0.0011	0.001	%	104	80.0	- 120	Acceptable		
exo-THC	2	0.0010	0.001	%	102	80.0	- 120	Acceptable		
d9THC	1	0.0011	0.001	%	104	90.0	- 110	Acceptable		
d8THC	1	0.0010	0.001	%	100	90.0	- 110	Acceptable		
9S-d10THC	1	0.0005	0.001	%	101	80.0	- 120	Acceptable		
CBL	2	0.0010	0.001	%	97.0	90.0	- 110	Acceptable		
9R-d10THC	1	0.0005	0.000	%	104	80.0	- 120	Acceptable		
CB	2	0.0011	0.001	%	103	80.0	- 120	Acceptable		
THCA	1	0.0009	0.001	%	99.3	80.0	- 120	Acceptable		
CBCA	2	0.0010	0.001	%	94.8	80.0	- 120	Acceptable		
CBLA	2	0.0010	0.001	%	99.1	90.0	- 110	Acceptable		
CBT	2	0.0011	0.001	%	102	80.0	- 120	Acceptable		

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

Abbreviations

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

Units of Measure:

% - Percent



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**Report Number:** 23-001039/D006.R000  
**Report Date:** 01/31/2023  
**ORELAP#:** OR100028  
**Purchase Order:**  
**Received:** 01/25/23 10:55

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

Laboratory Quality Control Results

J AOAC 2015 V98-6		Batch ID: 2300844						
Sample Duplicate		Sample ID: 23-000987-0001						
Analyte	Result	Org. Result	LOQ	Units	RPD	Limits	Evaluation	Notes
CBDVA	<LOQ	<LOQ	0.0001	%	NA	< 20	Acceptable	
CBDV	<LOQ	<LOQ	0.0001	%	NA	< 20	Acceptable	
CBE	<LOQ	<LOQ	0.0001	%	NA	< 20	Acceptable	
CBD	<LOQ	<LOQ	0.0001	%	NA	< 20	Acceptable	
CBDV	<LOQ	<LOQ	0.0001	%	NA	< 20	Acceptable	
CBD	0.0055	0.0055	0.0001	%	0.180	< 20	Acceptable	
THCV	<LOQ	<LOQ	0.0001	%	NA	< 20	Acceptable	
d8THCV	<LOQ	<LOQ	0.0001	%	NA	< 20	Acceptable	
THCVA	<LOQ	<LOQ	0.0001	%	NA	< 20	Acceptable	
CBN	<LOQ	<LOQ	0.0001	%	NA	< 20	Acceptable	
exo-THC	<LOQ	<LOQ	0.0001	%	NA	< 20	Acceptable	
d9THC	<LOQ	<LOQ	0.0001	%	NA	< 20	Acceptable	
d8THC	<LOQ	<LOQ	0.0001	%	NA	< 20	Acceptable	
9S-d10THC	<LOQ	<LOQ	0.0001	%	NA	< 20	Acceptable	
CBL	<LOQ	<LOQ	0.0001	%	NA	< 20	Acceptable	
9R-d10THC	<LOQ	<LOQ	0.0001	%	NA	< 20	Acceptable	
CBC	<LOQ	<LOQ	0.0001	%	NA	< 20	Acceptable	
THCA	<LOQ	<LOQ	0.0001	%	NA	< 20	Acceptable	
CBCA	<LOQ	<LOQ	0.0001	%	NA	< 20	Acceptable	
CBLA	<LOQ	<LOQ	0.0001	%	NA	< 20	Acceptable	
CBT	<LOQ	<LOQ	0.0001	%	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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Revision: 2 Document ID: 7087  
 Legacy ID: CFL-E33Effective:

Laboratory Quality Control Results

Residual Solvents				Batch ID: 2300908					
Method Blank				Laboratory Control Sample					
Analyte	Result	LOQ	Notes	Result	Spike	Units	% Rec	Limits	Notes
Propane	ND	< 200		518	572	µg/g	90.6	60 - 120	
Isobutane	ND	< 200		640	731	µg/g	87.6	60 - 120	
Butane	ND	< 200		626	731	µg/g	85.6	60 - 120	
2,2-Dimethylpropane	ND	< 200		780	936	µg/g	83.3	60 - 120	
Methanol	ND	< 200		1550	1620	µg/g	95.7	60 - 120	
Ethylene Oxide	ND	< 30		46.6	56.2	µg/g	82.9	60 - 120	
2-Methylbutane	ND	< 200		1420	1610	µg/g	88.2	60 - 120	
Pentane	ND	< 200		1390	1600	µg/g	86.9	60 - 120	
Ethanol	ND	< 200		1490	1610	µg/g	92.5	70 - 130	
Ethyl Ether	ND	< 200		1350	1630	µg/g	82.8	60 - 120	
2,2-Dimethylbutane	ND	< 30		160	171	µg/g	93.6	60 - 120	
Acetone	ND	< 200		1540	1630	µg/g	94.5	60 - 120	
2-Propanol	ND	< 200		1470	1620	µg/g	90.7	60 - 120	
Ethyl Formate	ND	< 500		1510	1670	µg/g	90.4	70 - 130	
Acetonitrile	ND	< 100		463	498	µg/g	93.0	60 - 120	
Methyl Acetate	ND	< 500		1640	1730	µg/g	94.8	70 - 130	
2,3-Dimethylbutane	ND	< 30		147	171	µg/g	86.0	60 - 120	
Dichloromethane	ND	< 60		424	483	µg/g	87.8	60 - 120	
2-Methylpentane	ND	< 30		149	168	µg/g	88.7	60 - 120	
MTBE	ND	< 500		1570	1650	µg/g	95.2	70 - 130	
3-Methylpentane	ND	< 30		131	167	µg/g	78.4	60 - 120	
Hexane	ND	< 30		195	182	µg/g	107.1	60 - 120	
1-Propanol	ND	< 500		1380	1620	µg/g	85.2	70 - 130	
Methylethylketone	ND	< 500		1530	1620	µg/g	94.4	70 - 130	
Ethyl acetate	ND	< 200		1510	1610	µg/g	93.8	60 - 120	
2-Butanol	ND	< 200		1440	1600	µg/g	90.0	60 - 120	
Tetrahydrofuran	ND	< 100		384	483	µg/g	79.5	60 - 120	
Cyclohexane	ND	< 200		1540	1610	µg/g	95.7	60 - 120	
2-methyl-1-propanol	ND	< 500		1330	1620	µg/g	82.1	70 - 130	
Benzene	ND	< 1		4.34	5.02	µg/g	86.5	60 - 120	
Isopropyl Acetate	ND	< 200		1520	1620	µg/g	93.8	60 - 120	
Heptane	ND	< 200		1520	1610	µg/g	94.4	60 - 120	
1-Butanol	ND	< 500		989	1630	µg/g	60.7	70 - 130	Q6
Propyl Acetate	ND	< 500		1490	1610	µg/g	92.5	70 - 130	
1,4-Dioxane	ND	< 100		480	491	µg/g	97.8	60 - 120	
2-Ethoxyethanol	ND	< 30		106	181	µg/g	58.6	60 - 120	Q6
Methylisobutylketone	ND	< 500		1420	1620	µg/g	87.7	70 - 130	
3-Methyl-1-butanol	ND	< 500		1100	1630	µg/g	67.5	70 - 130	Q6
Ethylene Glycol	ND	< 200		418	484	µg/g	86.4	60 - 120	
Toluene	ND	< 100		381	485	µg/g	78.6	60 - 120	
Isobutyl Acetate	ND	< 500		1590	1630	µg/g	97.5	70 - 130	
1-Pentanol	ND	< 500		1180	1620	µg/g	72.8	70 - 130	
Butyl Acetate	ND	< 500		1350	1620	µg/g	83.3	70 - 130	
Ethylbenzene	ND	< 200		808	969	µg/g	83.4	60 - 120	
m,p-Xylene	ND	< 200		820	994	µg/g	82.5	60 - 120	
o-Xylene	ND	< 200		761	967	µg/g	78.7	60 - 120	
Cumene	ND	< 30		120	171	µg/g	70.2	60 - 120	
Anisole	ND	< 500		990	1630	µg/g	60.7	70 - 130	Q6
DMSO	ND	< 500		1250	1680	µg/g	74.4	70 - 130	
1,2-dimethoxyethane	ND	< 50		168	169	µg/g	99.4	70 - 130	
Triethylamine	ND	< 500		1530	1630	µg/g	93.9	70 - 130	
N,N-dimethylformamide	ND	< 150		339	482	µg/g	70.3	70 - 130	
N,N-dimethylacetamide	ND	< 150		399	510	µg/g	78.2	70 - 130	
Pyridine	ND	< 50		162	203	µg/g	79.8	70 - 130	
Sulfolane	ND	< 50		114	172	µg/g	66.3	70 - 130	Q6
1,2-Dichloroethane	ND	< 1		0.952	1	µg/g	95.2	70 - 130	
Chloroform	ND	< 1		0.978	1	µg/g	97.8	70 - 130	
Trichloroethylene	ND	< 1		1.01	1	µg/g	101.0	70 - 130	
1,1-Dichloroethane	ND	< 1		0.932	1	µg/g	93.2	70 - 130	



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

QC - Sample Duplicate		Sample ID: 23-000158-0001						
Analyte	Result	Org. Result	LOQ	Units	RPD	Limits	Accept/Fail	Notes
Propane	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Isobutane	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Butane	ND	ND	200	µg/g	0.0	< 20	Acceptable	
2,2-Dimethylpropane	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Methanol	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Ethylene Oxide	ND	ND	30	µg/g	0.0	< 20	Acceptable	
2-Methylbutane	ND	ND	200	µg/g	0.0	< 20	Acceptable	
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	
Methyl ethyl ketone	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  
Q6 - Quality control outside QC limits. Data acceptable based on remaining QC.

**Units of Measure:**

µg/g- Microgram per gram or ppm



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



**Report Number:** 23-001039/D006.R000  
**Report Date:** 01/31/2023  
**ORELAP#:** OR100028  
**Purchase Order:**  
**Received:** 01/25/23 10:55







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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.