



**Customer:** Seventh Hill Releaf LLC  
 215 S 19th St  
 Springfield Oregon 97477  
 United States of America (USA)  
**Product identity:** Snooze Elderberry Gummy  
**Metrc ID:** UG20200525  
**Metrc Source ID:**  
**Material:** Cannabinoid Edible  
**Sample Date:**  
**Laboratory ID:** 25-004123-0004  
**Evidence of Cooling:** No  
**Temp:** 17.8 °C  
**Serving Size #1:** 5 g

## Sample Results

Potency		Method: J AOAC 2015 V98-6 (mod) <sup>b</sup>			Batch: 2502835		Analyze: 2025-04-18 19:48:00	
Analyte	Result	Units	LOQ	Notes	Serving Size #1			
					Result	Units	LOQ	
CBC	< LOQ	%	0.0032		< LOQ	mg/5g	0.161	
CBC-A	< LOQ	%	0.0032		< LOQ	mg/5g	0.161	
CBC-Total	< LOQ	%	0.0060		< LOQ	mg/5g	0.302	
CBD <sup>⊥</sup>	0.347	%	0.0032		17.3	mg/5g	0.161	
CBD-A <sup>⊥</sup>	< LOQ	%	0.0032		< LOQ	mg/5g	0.161	
CBD-Total <sup>⊥</sup>	0.347	%	0.0060		17.4	mg/5g	0.302	
CBDV	< LOQ	%	0.0032		< LOQ	mg/5g	0.161	
CBDV-A	< LOQ	%	0.0032		< LOQ	mg/5g	0.161	
CBDV-Total	< LOQ	%	0.0060		< LOQ	mg/5g	0.300	
CBE	< LOQ	%	0.0032		< LOQ	mg/5g	0.161	
CBG	< LOQ	%	0.0032		< LOQ	mg/5g	0.161	
CBG-A	< LOQ	%	0.0032		< LOQ	mg/5g	0.161	
CBG-Total	< LOQ	%	0.0060		< LOQ	mg/5g	0.300	
CBL	< LOQ	%	0.0032		< LOQ	mg/5g	0.161	
CBL-A	< LOQ	%	0.0032		< LOQ	mg/5g	0.161	
CBL-Total	< LOQ	%	0.0060		< LOQ	mg/5g	0.302	
CBN	0.321	%	0.0032		16.0	mg/5g	0.161	
CBT	< LOQ	%	0.0032		< LOQ	mg/5g	0.161	
Δ10-THC-9R	< LOQ	%	0.0032		< LOQ	mg/5g	0.161	
Δ10-THC-9S	< LOQ	%	0.0032		< LOQ	mg/5g	0.161	
Δ10-THC-Total	< LOQ	%	0.0064		< LOQ	mg/5g	0.321	
Δ8-THC <sup>⊥</sup>	< LOQ	%	0.0032		< LOQ	mg/5g	0.161	
Δ8-THCV	< LOQ	%	0.0032		< LOQ	mg/5g	0.161	
Δ9-THC <sup>⊥</sup>	0.0920	%	0.0032		4.60	mg/5g	0.161	
Δ9-THC-A <sup>⊥</sup>	< LOQ	%	0.0032		< LOQ	mg/5g	0.161	
Δ9-THC-Total <sup>⊥</sup>	0.0920	%	0.0060		4.60	mg/5g	0.302	
Δ9-THCP	< LOQ	%	0.0032		< LOQ	mg/5g	0.161	
Δ9-THCV	< LOQ	%	0.0032		< LOQ	mg/5g	0.161	
Δ9-THCV-A	< LOQ	%	0.0032		< LOQ	mg/5g	0.161	



<b>Potency</b>	<b>Method:</b> J AOAC 2015 V98-6 (mod) <sup>b</sup>	<b>Batch:</b> 2502835	<b>Analyze:</b> 2025-04-18 19:48:00
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Analyte	Result	Units	LOQ	Notes	Serving Size #1	Result	Units	LOQ
Δ9-THCV-Total	< LOQ	%	0.0060			< LOQ	mg/5g	0.300
exo-THC	< LOQ	%	0.0032			< LOQ	mg/5g	0.161
<b>Total Cannabinoids</b>	0.760	%				38.0	mg/5g	

### Microbiology

Analyte	Result	Limits	Units	LOQ	Batch	Analyzed Method	Status	Notes
E.coli	< LOQ		cfu/g	10	2502795	04/20/25 AOAC 991.14 (Petrifilm)		
Total Coliforms	< LOQ		cfu/g	10	2502795	04/20/25 AOAC 991.14 (Petrifilm)		
Mold (RAPID Petrifilm)	< LOQ		cfu/g	10	2502796	04/21/25 AOAC 2014.05 (RAPID)		
Yeast (RAPID Petrifilm)	< LOQ		cfu/g	10	2502796	04/21/25 AOAC 2014.05 (RAPID)		

<b>Solvents</b>	<b>Method:</b> Residual Solvents by HS-GC-MS <sup>b</sup>	<b>Units</b> µg/g	<b>Batch</b> 2502867	<b>Analyze</b> 04/21/25 04:26 PM
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Analyte	Result	Limits	LOQ	Status	Notes	Analyte	Result	Limits	LOQ	Status	Notes
1,4-Dioxane <sup>⊥</sup>	< LOQ	380	100	pass		2-Butanol <sup>⊥</sup>	< LOQ	5000	200	pass	
2-Ethoxyethanol <sup>⊥</sup>	< LOQ	160	30.0	pass		2-Methylbutane (Isopentane) <sup>⊥</sup>	< LOQ		200		
2-Methylpentane <sup>⊥</sup>	< LOQ		30.0			2-Propanol (IPA) <sup>⊥</sup>	< LOQ	5000	200	pass	
2,2-Dimethylbutane <sup>⊥</sup>	< LOQ		30.0			2,2-Dimethylpropane (neo-pentane) <sup>⊥</sup>	< LOQ		200		
2,3-Dimethylbutane <sup>⊥</sup>	< LOQ		30.0			3-Methylpentane <sup>⊥</sup>	< LOQ		30.0		
Acetone <sup>⊥</sup>	< LOQ	5000	200	pass		Acetonitrile <sup>⊥</sup>	< LOQ	410	100	pass	
Benzene <sup>⊥</sup>	< LOQ	2.00	1.00	pass		Butanes (sum) <sup>⊥</sup>	< LOQ	5000	400	pass	
Cyclohexane <sup>⊥</sup>	< LOQ	3880	200	pass		Ethyl acetate <sup>⊥</sup>	< LOQ	5000	200	pass	
Ethyl benzene	< LOQ		200			Ethyl ether <sup>⊥</sup>	< LOQ	5000	200	pass	
Ethylene glycol <sup>⊥</sup>	< LOQ	620	200	pass		Ethylene oxide <sup>⊥</sup>	< LOQ	50.0	20.0	pass	
Hexanes (sum) <sup>⊥</sup>	< LOQ	290	150	pass		Isopropyl acetate <sup>⊥</sup>	< LOQ	5000	200	pass	
Isopropylbenzene (Cumene) <sup>⊥</sup>	< LOQ	70.0	30.0	pass		m,p-Xylene <sup>⊥</sup>	< LOQ		200		
Methanol <sup>⊥</sup>	< LOQ	3000	200	pass		Methylene chloride <sup>⊥</sup>	< LOQ	600	60.0	pass	
Methylpropane (Isobutane) <sup>⊥</sup>	< LOQ		200			n-Butane <sup>⊥</sup>	< LOQ		200		
n-Heptane <sup>⊥</sup>	< LOQ	5000	200	pass		n-Hexane <sup>⊥</sup>	< LOQ		30.0		
n-Pentane <sup>⊥</sup>	< LOQ		200			o-Xylene <sup>⊥</sup>	< LOQ		200		
Pentanes (sum) <sup>⊥</sup>	< LOQ	5000	600	pass		Propane <sup>⊥</sup>	< LOQ	5000	200	pass	
Tetrahydrofuran <sup>⊥</sup>	< LOQ	720	100	pass		Toluene <sup>⊥</sup>	< LOQ	890	100	pass	
Total Xylenes <sup>⊥</sup>	< LOQ		400			Total Xylenes and Ethyl benzene	< LOQ	2170	600	pass	

<b>Pesticides</b>	<b>Method:</b> AOAC 2007.01	<b>Units</b> mg/kg	<b>Batch</b> 2502899	<b>Analyze</b> 04/24/25 11:11 AM
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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 <sup>±</sup>	< LOQ	0.200	mg/kg	0.0157	2502896	04/22/25 AOAC 2013.06 (mod.) <sup>b</sup>	pass	
Cadmium <sup>±</sup>	< LOQ	0.200	mg/kg	0.0157	2502896	04/22/25 AOAC 2013.06 (mod.) <sup>b</sup>	pass	
Lead <sup>±</sup>	< LOQ	0.500	mg/kg	0.0157	2502896	04/22/25 AOAC 2013.06 (mod.) <sup>b</sup>	pass	
Mercury <sup>±</sup>	< LOQ	0.100	mg/kg	0.00786	2502896	04/22/25 AOAC 2013.06 (mod.) <sup>b</sup>	pass	

### Nutrition

Analyte	Result	Limits	Units	LOQ	Batch	Analyzed Method	Status	Notes
Moisture (Loss on Drying)	14.6		g/100g	0.10	2502919	04/22/25 AOAC 925.10 (mod.)		
Water Activity	0.677		Aw	0.030	2502901	04/22/25 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/100g = Grams per 100 Grams

µg/g = Microgram per gram

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

% = Percentage of sample

Aw = Water Activity

mg/5g = Milligram per 5g

% wt = µg/g divided by 10,000



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



**Report Number:** 25-004123/D004.R000  
**Report Date:** 04/28/2025  
**ORELAP#:** OR100028  
**Purchase Order:**  
**Received:** 04/17/25 10:32



**Hemp & Cannabis  
Chain of Custody**

**Seventh-Hill-CBD-  
1744755785**

<b>Company Details</b> Company: <u>Seventh Hill CBD</u> Contact: <u>Jordan Dunn</u> Street Address: <u>215 South 19th Street, 215 S 19th Street</u> City, State, Zip: <u>Springfield, OR 97477</u> Email: <u>jordandunn@seventhhillcbd.com</u> Contact Phone: <u>5415912620</u> Company Phone: <u>5415912620</u>  <b>Billing Information</b> Billing Phone: <u>5415912620</u> Billing Email: <u>jordandunn@seventhhillcbd.com</u>				<b>Project Details</b> Turnaround Time: <u>5 Business Days   Reg. For Micro Testing   Standard</u> Relinquishment   Sampling, Courier & Shipping Options: <u>By Shipping Service (USPS, UPS, Fedex)</u>  <b>Receipt Information</b> Evidence of Cooling?: No Sample Condition: Satisfactory Prelog Storage: Canna Shelves			Testing CH003 - Expanded Potency + Safety Package   Edible
#	Sample Name	Material	METRC ID	Amount Provided	Reporting Unit	Specifications	
1	5mg THC Gummy	Cannabinoid Edible	UG052025	80 g	% & mg/serving	5 Grams Per Serving	✓
2	20mg CBG 5mg THC Gummy	Cannabinoid Edible	UG20052025	80 g	% & mg/serving	5 Grams Per Serving	✓
3	25mg CBD 5mg THC Gummy	Cannabinoid Edible	UG25052025	80 g	% & mg/serving	5 grams per serving	✓
4	Snooze Elderberry Gummy	Cannabinoid Edible	UG20200525	80 g	% & mg/serving	5 Gram Per Serving	✓

**Package Details**

Expanded Potency + Safety Package | Edible: Cannabis Heavy Metals Profile OR • E. coli/Coliform Count (EC) Petrifilm • Multi-Residue Pesticide Profile (Cannabis) • Potency Cannabis (Basic+Expanded) • RAPID Yeast and Mold Count (RYM) Petrifilm • Residual Solvents (Cannabis - Oregon) • Water Activity & Moisture (as Loss on Drying) Food

Relinquished By	Date	Time	Received By	Date	Time	Received Temp., °C	IR Therm. CL#
Jordan Taylor Dunn	04/15/2025	15:23	amp	04/17/2025	10:32	17.8	CL-1196

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@columbialaboratories.com](mailto:info@columbialaboratories.com)

Page 1 of 1  
[www.columbialaboratories.com](http://www.columbialaboratories.com)


**Laboratory Quality Control Results**
**J AOAC 2015 V98-6** **Batch ID: 2502835**
**Laboratory Control Sample**

Analyte	LCS	Result	Spike	Units	% Rec	Limits	Evaluation	Notes
CBDVA	2	0.0313	0.0312	%	100	80.0 - 120	Acceptable	
CBDV	2	0.0340	0.0331	%	103	80.0 - 120	Acceptable	
CBE	2	0.0322	0.0318	%	101	80.0 - 120	Acceptable	
CBDA	1	0.0374	0.0351	%	107	90.0 - 110	Acceptable	
CBGA	1	0.0354	0.0343	%	103	80.0 - 120	Acceptable	
CBG	1	0.0342	0.0336	%	102	80.0 - 120	Acceptable	
CBD	1	0.0348	0.0328	%	106	90.0 - 110	Acceptable	
THCV	2	0.0319	0.0328	%	97.3	80.0 - 120	Acceptable	
d8THCV	2	0.0326	0.0338	%	96.4	80.0 - 120	Acceptable	
THCVA	2	0.0303	0.0305	%	99.2	80.0 - 120	Acceptable	
CBN	1	0.0342	0.0332	%	103	80.0 - 120	Acceptable	
exo-THC	2	0.0307	0.0313	%	98.0	80.0 - 120	Acceptable	
d9THC	1	0.0340	0.0332	%	102	90.0 - 110	Acceptable	
d8THC	1	0.0356	0.0346	%	103	90.0 - 110	Acceptable	
9S-d10THC	1	0.0361	0.0355	%	102	80.0 - 120	Acceptable	
CBL	2	0.0299	0.0314	%	95.1	80.0 - 120	Acceptable	
9R-d10THC	1	0.0359	0.0356	%	101	80.0 - 120	Acceptable	
CBC	2	0.0326	0.0329	%	99.2	80.0 - 120	Acceptable	
THCA	1	0.0391	0.0374	%	105	90.0 - 110	Acceptable	
CBCA	2	0.0322	0.0319	%	101	80.0 - 120	Acceptable	
CBLA	2	0.0314	0.0318	%	98.6	80.0 - 120	Acceptable	
d9THCP	2	0.0316	0.0315	%	100	80.0 - 120	Acceptable	
CBT	2	0.0302	0.0329	%	92.0	80.0 - 120	Acceptable	

**Method Blank**

Analyte	Result	LOQ	Units	Limits	Evaluation	Notes
CBDVA	<LOQ	0.00321	%	< 0.00321	Acceptable	
CBDV	<LOQ	0.00321	%	< 0.00321	Acceptable	
CBE	<LOQ	0.00321	%	< 0.00321	Acceptable	
CBDA	<LOQ	0.00321	%	< 0.00321	Acceptable	
CBGA	<LOQ	0.00321	%	< 0.00321	Acceptable	
CBG	<LOQ	0.00321	%	< 0.00321	Acceptable	
CBD	<LOQ	0.00321	%	< 0.00321	Acceptable	
THCV	<LOQ	0.00321	%	< 0.00321	Acceptable	
d8THCV	<LOQ	0.00321	%	< 0.00321	Acceptable	
THCVA	<LOQ	0.00321	%	< 0.00321	Acceptable	
CBN	<LOQ	0.00321	%	< 0.00321	Acceptable	
exo-THC	<LOQ	0.00321	%	< 0.00321	Acceptable	
d9THC	<LOQ	0.00321	%	< 0.00321	Acceptable	
d8THC	<LOQ	0.00321	%	< 0.00321	Acceptable	
9S-d10THC	<LOQ	0.00321	%	< 0.00321	Acceptable	
CBL	<LOQ	0.00321	%	< 0.00321	Acceptable	
9R-d10THC	<LOQ	0.00321	%	< 0.00321	Acceptable	
CBC	<LOQ	0.00321	%	< 0.00321	Acceptable	
THCA	<LOQ	0.00321	%	< 0.00321	Acceptable	
CBCA	<LOQ	0.00321	%	< 0.00321	Acceptable	
CBLA	<LOQ	0.00321	%	< 0.00321	Acceptable	
d9THCP	<LOQ	0.00321	%	< 0.00321	Acceptable	
CBT	<LOQ	0.00321	%	< 0.00321	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**

J AOAC 2015 V98-6			Batch ID: 2502835					
Sample Duplicate			Sample ID: 25-004111-0001					
Analyte	Result	Org. Result	LOQ	Units	RPD	Limits	Evaluation	Notes
CBDVA	<LOQ	<LOQ	0.00315	%	NA	< 20	Acceptable	
CBDV	<LOQ	<LOQ	0.00315	%	NA	< 20	Acceptable	
CBE	<LOQ	<LOQ	0.00315	%	NA	< 20	Acceptable	
CBDA	<LOQ	<LOQ	0.00315	%	NA	< 20	Acceptable	
CBGA	<LOQ	<LOQ	0.00315	%	NA	< 20	Acceptable	
CBG	0.0110	0.0110	0.00315	%	0.277	< 20	Acceptable	
CBD	<LOQ	<LOQ	0.00315	%	NA	< 20	Acceptable	
THCV	<LOQ	<LOQ	0.00315	%	NA	< 20	Acceptable	
d8THCV	<LOQ	<LOQ	0.00315	%	NA	< 20	Acceptable	
THCVA	<LOQ	<LOQ	0.00315	%	NA	< 20	Acceptable	
CBN	0.0273	0.0278	0.00315	%	1.76	< 20	Acceptable	
exo-THC	<LOQ	<LOQ	0.00315	%	NA	< 20	Acceptable	
d9THC	0.498	0.505	0.00315	%	1.47	< 20	Acceptable	
d8THC	<LOQ	<LOQ	0.00315	%	NA	< 20	Acceptable	
9S-d10THC	<LOQ	<LOQ	0.00315	%	NA	< 20	Acceptable	
CBL	<LOQ	<LOQ	0.00315	%	NA	< 20	Acceptable	
9R-d10THC	<LOQ	<LOQ	0.00315	%	NA	< 20	Acceptable	
CBC	0.00501	0.00505	0.00315	%	0.966	< 20	Acceptable	
THCA	<LOQ	<LOQ	0.00315	%	NA	< 20	Acceptable	
CBCA	<LOQ	<LOQ	0.00315	%	NA	< 20	Acceptable	
CBLA	<LOQ	<LOQ	0.00315	%	NA	< 20	Acceptable	
d9THCP	<LOQ	<LOQ	0.00315	%	NA	< 20	Acceptable	
CBT	<LOQ	<LOQ	0.00315	%	NA	< 20	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**

Residual Solvents				Batch ID: 2502867					
Method Blank				Laboratory Control Sample					
Analyte	Result	LOQ	Notes	Result	Spike	Units	% Rec	Limits	Notes
1,2-dimethoxyethane	ND	< 50		193	194	µg/g	99.5	50-150	
1,4-Dioxane	ND	< 100		495	487	µg/g	101.6	60-120	
1-Pentanol	ND	< 500		1600	1640	µg/g	97.6	50-150	
2,2-Dimethylbutane	ND	< 30		195	182	µg/g	107.1	60-120	
2,2-Dimethylpropane	ND	< 200		842	956	µg/g	88.1	60-120	
2,3-Dimethylbutane	ND	< 30		177	184	µg/g	96.2	60-120	
2-Butanol	ND	< 200		1680	1640	µg/g	102.4	60-120	
2-Ethoxyethanol	ND	< 30		162	180	µg/g	90.0	60-120	
2-Methylbutane	ND	< 200		1700	1620	µg/g	104.9	60-120	
2-Methylpentane	ND	< 30		183	185	µg/g	98.9	60-120	
2-Propanol	ND	< 200		1650	1630	µg/g	101.2	60-120	
3-Methylpentane	ND	< 30		187	177	µg/g	105.6	60-120	
Acetone	ND	< 200		1690	1640	µg/g	103.0	60-120	
Acetonitrile	ND	< 100		503	513	µg/g	98.1	60-120	
Benzene	ND	< 1		0.907	1	µg/g	90.7	50-150	
Butane	ND	< 200		718	769	µg/g	93.4	60-120	
Carbon Tetrachloride	ND	< 1		0.882	1	µg/g	88.2	50-150	
Cumene	ND	< 30		233	227	µg/g	102.6	60-120	
Cyclohexane	ND	< 200		1560	1610	µg/g	96.9	60-120	
Dichloromethane	ND	< 1		1.06	1	µg/g	106.0	50-150	
DMSO	ND	< 500		1430	1660	µg/g	86.1	50-150	
Ethanol	ND	< 200		1680	1680	µg/g	100.0	60-120	
Ethyl acetate	ND	< 200		1670	1620	µg/g	103.1	60-120	
Ethyl Ether	ND	< 200		1710	1640	µg/g	104.3	60-120	
Ethylbenzene	ND	< 200		1040	1060	µg/g	98.1	60-120	
Ethylene Glycol	ND	< 200		447	530	µg/g	84.3	60-120	
Ethylene Oxide	ND	< 1		1.04	1	µg/g	104.0	50-150	
Heptane	ND	< 200		1570	1610	µg/g	97.5	60-120	
Hexane	ND	< 30		182	174	µg/g	104.6	60-120	
Isobutane	ND	< 200		711	770	µg/g	92.3	60-120	
Isopropyl Acetate	ND	< 200		1610	1620	µg/g	99.4	60-120	
m,p-Xylene	ND	< 200		990	1040	µg/g	95.2	60-120	
Methanol	ND	< 200		1720	1650	µg/g	104.2	60-120	
Methyl Acetate	ND	< 500		1610	1630	µg/g	98.8	50-150	
Methylethylketone	ND	< 500		1710	1690	µg/g	101.2	50-150	
Methylisobutylketone	ND	< 500		1520	1640	µg/g	92.7	50-150	
MTBE	ND	< 500		1640	1640	µg/g	100.0	50-150	
o-Xylene	ND	< 200		1090	1090	µg/g	100.0	60-120	
Pentane	ND	< 200		1670	1620	µg/g	103.1	60-120	
Propane	ND	< 200		565	585	µg/g	96.6	60-120	
Propyl Acetate	ND	< 500		1570	1670	µg/g	94.0	50-150	
Sulfolane	ND	< 50		133	192	µg/g	69.3	50-150	
Tetrahydrofuran	ND	< 100		541	511	µg/g	105.9	60-120	
Toluene	ND	< 100		517	497	µg/g	104.0	60-120	




**QC - Sample Duplicate**
**Sample ID: 25-004085-0008**

Analyte	SR Result	SD Result	LOQ	Units	RPD	Limits	Accept/Fail	Notes
1,2-dimethoxyethane	ND	ND	50	µg/g	0.0	< 20	Acceptable	
1,4-Dioxane	ND	ND	100	µg/g	0.0	< 20	Acceptable	
1-Pentanol	ND	ND	500	µg/g	0.0	< 20	Acceptable	
2,2-Dimethylbutane	ND	ND	30	µg/g	0.0	< 20	Acceptable	
2,2-Dimethylpropane	ND	ND	200	µg/g	0.0	< 20	Acceptable	
2,3-Dimethylbutane	ND	ND	30	µg/g	0.0	< 20	Acceptable	
2-Butanol	ND	ND	200	µg/g	0.0	< 20	Acceptable	
2-Ethoxyethanol	ND	ND	30	µg/g	0.0	< 20	Acceptable	
2-Methylbutane	ND	ND	200	µg/g	0.0	< 20	Acceptable	
2-Methylpentane	ND	ND	30	µg/g	0.0	< 20	Acceptable	
2-Propanol	ND	ND	200	µg/g	0.0	< 20	Acceptable	
3-Methylpentane	ND	ND	30	µg/g	0.0	< 20	Acceptable	
Acetone	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Acetonitrile	ND	ND	100	µg/g	0.0	< 20	Acceptable	
Benzene	ND	ND	1	µg/g	0.0	< 20	Acceptable	
Butane	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Carbon Tetrachloride	ND	ND	1	µg/g	0.0	< 20	Acceptable	
Cumene	ND	ND	30	µg/g	0.0	< 20	Acceptable	
Cyclohexane	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Dichloromethane	ND	ND	1	µg/g	0.0	< 20	Acceptable	
DMSO	ND	ND	500	µg/g	0.0	< 20	Acceptable	
Ethanol	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Ethyl acetate	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Ethyl Ether	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Ethylbenzene	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Ethylene Glycol	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Ethylene Oxide	ND	ND	1	µg/g	0.0	< 20	Acceptable	
Heptane	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Hexane	ND	ND	30	µg/g	0.0	< 20	Acceptable	
Isobutane	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Isopropyl Acetate	ND	ND	200	µg/g	0.0	< 20	Acceptable	
m,p-Xylene	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Methanol	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Methyl Acetate	ND	ND	500	µg/g	0.0	< 20	Acceptable	
Methylethylketone	ND	ND	500	µg/g	0.0	< 20	Acceptable	
Methylisobutylketone	ND	ND	500	µg/g	0.0	< 20	Acceptable	
MTBE	ND	ND	500	µg/g	0.0	< 20	Acceptable	
o-Xylene	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Pentane	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Propane	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Propyl Acetate	ND	ND	500	µg/g	0.0	< 20	Acceptable	
Sulfolane	ND	ND	50	µg/g	0.0	< 20	Acceptable	
Tetrahydrofuran	ND	ND	100	µg/g	0.0	< 20	Acceptable	
Toluene	ND	ND	100	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



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



**Report Number:** 25-004123/D004.R000  
**Report Date:** 04/28/2025  
**ORELAP#:** OR100028  
**Purchase Order:**  
**Received:** 04/17/25 10:32





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.