Columbia LABORATORIES
A Tentamus Company

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

Report Number:	25-004123/D002.R000
Report Date:	04/28/2025
ORELAP#:	OR100028
Purchase Order:	
Received:	04/17/25 10:32

Customer:	Seventh Hill Releaf LLC 215 S 19th St Springfield Oregon 97477 United States of America (USA)
Product identity:	20mg CBG 5mg THC Gummy
Metrc ID:	UG20052025
Metrc Source ID:	
Material:	Cannabinoid Edible
Sample Date:	
Laboratory ID:	25-004123-0002
Evidence of Cooling:	No
Temp:	17.8 °C
Serving Size #1:	5 g

Sample Results

Potency **Method:** J AOAC 2015 V98-6 (mod)[þ] **Batch:** 2502835 **Analyze:** 2025-04-18 19:32:00

Analyte	Result	Units	LOQ	Notes	Serving Size #1 Result	Serving Size #1 Units	Serving Size #1 LOQ
CBC	< LOQ	%	0.0031		< LOQ	mg/5g	0.157
CBC-A	< LOQ	%	0.0031		< LOQ	mg/5g	0.157
CBC-Total	< LOQ	%	0.0059		< LOQ	mg/5g	0.296
CBD[⊥]	< LOQ	%	0.0031		< LOQ	mg/5g	0.157
CBD-A[⊥]	< LOQ	%	0.0031		< LOQ	mg/5g	0.157
CBD-Total[⊥]	< LOQ	%	0.0059		< LOQ	mg/5g	0.296
CBDV	< LOQ	%	0.0031		< LOQ	mg/5g	0.157
CBDV-A	< LOQ	%	0.0031		< LOQ	mg/5g	0.157
CBDV-Total	< LOQ	%	0.0059		< LOQ	mg/5g	0.294
CBE	< LOQ	%	0.0031		< LOQ	mg/5g	0.157
CBG	0.347	%	0.0031		17.4	mg/5g	0.157
CBG-A	< LOQ	%	0.0031		< LOQ	mg/5g	0.157
CBG-Total	0.347	%	0.0059		17.4	mg/5g	0.294
CBL	< LOQ	%	0.0031		< LOQ	mg/5g	0.157
CBL-A	< LOQ	%	0.0031		< LOQ	mg/5g	0.157
CBL-Total	< LOQ	%	0.0059		< LOQ	mg/5g	0.296
CBN	< LOQ	%	0.0031		< LOQ	mg/5g	0.157
CBT	< LOQ	%	0.0031		< LOQ	mg/5g	0.157
Δ10-THC-9R	< LOQ	%	0.0031		< LOQ	mg/5g	0.157
Δ10-THC-9S	< LOQ	%	0.0031		< LOQ	mg/5g	0.157
Δ10-THC-Total	< LOQ	%	0.0063		< LOQ	mg/5g	0.315
Δ8-THC[⊥]	< LOQ	%	0.0031		< LOQ	mg/5g	0.157
Δ8-THCV	< LOQ	%	0.0031		< LOQ	mg/5g	0.157
Δ9-THC[⊥]	0.0936	%	0.0031		4.68	mg/5g	0.157
Δ9-THC-A[⊥]	< LOQ	%	0.0031		< LOQ	mg/5g	0.157
Δ9-THC-Total[⊥]	0.0936	%	0.0059		4.68	mg/5g	0.296
Δ9-THCP	< LOQ	%	0.0031		< LOQ	mg/5g	0.157
Δ9-THCV	< LOQ	%	0.0031		< LOQ	mg/5g	0.157
Δ9-THCV-A	< LOQ	%	0.0031		< LOQ	mg/5g	0.157

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Testing in accordance with: OAR 333-007-0430

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Potency

Method: J AOAC 2015 V98-6 (mod)[þ] **Batch:** 2502835 **Analyze:** 2025-04-18 19:32:00

Analyte	Result	Units	LOQ	Notes	Serving Size #1 Result	Units	LOQ
Δ9-THCV-Total	< LOQ	%	0.0059		< LOQ	mg/5g	0.294
exo-THC	< LOQ	%	0.0031		< LOQ	mg/5g	0.157
Total Cannabinoids	0.441	%			22.0	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)		

Solvents

Method: Residual Solvents by HS-GC-MS[þ] **Units** µg/g **Batch** 2502867 **Analyze** 04/21/25 04:26 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** 2502899 **Analyze** 04/24/25 11:11 AM

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	0.0192	2502896	04/22/25	AOAC 2013.06 (mod.)þ	pass	
Cadmium ⊥	< LOQ	0.200	mg/kg	0.0192	2502896	04/22/25	AOAC 2013.06 (mod.)þ	pass	
Lead ⊥	< LOQ	0.500	mg/kg	0.0192	2502896	04/22/25	AOAC 2013.06 (mod.)þ	pass	
Mercury ⊥	< LOQ	0.100	mg/kg	0.00959	2502896	04/22/25	AOAC 2013.06 (mod.)þ	pass	

Nutrition

Analyte	Result	Limits	Units	LOQ	Batch	Analyzed	Method	Status	Notes
Moisture (Loss on Drying)	14.7		g/100g	0.10	2502919	04/22/25	AOAC 925.10 (mod.)		
Water Activity	0.649		Aw	0.030	2502901	04/22/25	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

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

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A Tentamus Company

Hemp & Cannabis Chain of Custody

Seventh-Hill-CBD-1744755785

Company Details
Company: Seventh Hill CBD
Contact: Jordan Dunn
Street Address: 215 South 19th Street, 215 S 19th Street
City, State, Zip: Springfield, OR 97477
Email: jordandunn@seventhhillcbd.com
Contact Phone: 5415912620
Company Phone: 5415912620

Billing Information
Billing Phone: 5415912620
Billing Email: jordandunn@seventhhillcbd.com

Project Details
Turnaround Time: 5 Business Days | Req. For Micro Testing | Standard
Relinquishment | Sampling, Courier & Shipping Options: By Shipping Service (USPS, UPS, Fedex)

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

#	Sample Name	Material	METRC ID	Amount Provided	Reporting Unit	Specifications	Testing: CH003 - Expanded Potency + Safety Package | Edible
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.

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

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

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Legacy ID: Worksheet Validated 04/20/2021

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

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

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	

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Testing in accordance with: OAR 333-007-0390 OAR 333-007-0400 OAR 333-007-0410 OAR 333-007-0430

Columbia LABORATORIES
A Tentamus Company

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

Report Number: 25-004123/D002.R000
Report Date: 04/28/2025
ORELAP#: OR100028
Purchase Order:
Received: 04/17/25 10:32

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

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

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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.

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