



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



Report Number: 23-005213/D002.R000
Report Date: 05/08/2023
ORELAP#: OR100028
Purchase Order:
Received: 05/01/23 12:05

Customer: NW Natural Goods
Product identity: HEMP - EB 0079
Client/Metric ID: .
Laboratory ID: 23-005213-0001

Summary

Potency:

Analyte per 4g	Result	Limits	Units	Status	
CBC per 4g	0.229		mg/4g		CBD-Total per Serving Size 26.4 mg/4g
CBD per 4g	26.4		mg/4g		
CBG per 4g	0.736		mg/4g		THC-Total per Serving Size <LOQ
CBN per 4g	5.08		mg/4g		(Reported in milligrams per serving)

Residual Solvents:

All analytes passing and less than LOQ.

Pesticides:

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

Metals:

Less than LOQ for all analytes.

Microbiology:

Less than LOQ for all analytes.



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Customer: NW Natural Goods

Product identity: HEMP - EB 0079

Client/Metric ID: .

Sample Date:

Laboratory ID: 23-005213-0001

Evidence of Cooling: No

Temp: 19.2

Relinquished by: hinton

Serving Size #1: 4 g

Sample Results

Potency per 4g					
Method: J AOAC 2015 V98-6 (mod) ^b					
Units mg/se Batch: 2306957 Analyze: 5/2/23 10:29:00 PM					
Analyte	Result	Limits	Units	LOQ	Notes
CBC per 4g	0.229		mg/4g	0.130	
CBC-A per 4g	< LOQ		mg/4g	0.130	
CBC-Total per 4g	< LOQ		mg/4g	0.245	
CBD per 4g	26.4		mg/4g	0.130	
CBD-A per 4g	< LOQ		mg/4g	0.130	
CBD-Total per 4g	26.4		mg/4g	0.245	
CBDV per 4g	< LOQ		mg/4g	0.130	
CBDV-A per 4g	< LOQ		mg/4g	0.130	
CBDV-Total per 4g	< LOQ		mg/4g	0.243	
CBE per 4g	< LOQ		mg/4g	0.130	
CBG per 4g	0.736		mg/4g	0.130	
CBG-A per 4g	< LOQ		mg/4g	0.130	
CBG-Total per 4g	0.736		mg/4g	0.243	
CBL per 4g	< LOQ		mg/4g	0.130	
CBL-A per 4g	< LOQ		mg/4g	0.130	
CBL-Total per 4g	< LOQ		mg/4g	0.245	
CBN per 4g	5.08		mg/4g	0.130	
CBT per 4g	< LOQ		mg/4g	0.130	
Δ8-THCV per 4g	< LOQ		mg/4g	0.130	
Δ10-THC-9R per 4g	< LOQ		mg/4g	0.130	
Δ10-THC-9S per 4g	< LOQ		mg/4g	0.130	
Δ10-THC-Total per 4g	< LOQ		mg/4g	0.261	
Δ8-THC per 4g	< LOQ		mg/4g	0.130	
Δ9-THC per 4g	< LOQ		mg/4g	0.130	
exo-THC per 4g	< LOQ		mg/4g	0.130	
THC-A per 4g	< LOQ		mg/4g	0.130	
THC-Total per 4g	< LOQ		mg/4g	0.245	
THCV per 4g	< LOQ		mg/4g	0.130	
THCV-A per 4g	< LOQ		mg/4g	0.130	
THCV-Total per 4g	< LOQ		mg/4g	0.245	
Total Cannabinoids per 4g	32.5		mg/4g		



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Microbiology

Analyte	Result	Limits	Units	LOQ	Batch	Analyzed Method	Status	Notes
E.coli	< LOQ		cfu/g	10	2306904	05/04/23 AOAC 991.14 (Petrifilm) [®]		
Total Coliforms	< LOQ		cfu/g	10	2306904	05/04/23 AOAC 991.14 (Petrifilm) [®]		
Mold (RAPID Petrifilm)	< LOQ		cfu/g	10	2306905	05/05/23 AOAC 2014.05 (RAPID) [®]		
Yeast (RAPID Petrifilm)	< LOQ		cfu/g	10	2306905	05/05/23 AOAC 2014.05 (RAPID) [®]		

Solvents Method: Residual Solvents by GC/MS[®] Units µg/g Batch 2307096 Analyze 05/08/23 01:55 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-Dimethyl butane	< LOQ		30.0			2,2-Dimethylpropane (neo-pentane)	< LOQ		200		
2,3-Dimethyl butane	< 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	
Isopropyl benzene (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)[®] Units mg/kg Batch 2307099 Analyze 05/08/23 02:05 PM

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

Metals

Analyte	Result	Limits	Units	LOQ	Batch	Analyzed Method	Status	Notes
Arsenic*	< LOQ	0.200	mg/kg	0.0198	2307007	05/03/23 AOAC 2013.06 (mod.) [®]	pass	
Cadmium*	< LOQ	0.200	mg/kg	0.0198	2307007	05/03/23 AOAC 2013.06 (mod.) [®]	pass	
Lead*	< LOQ	0.500	mg/kg	0.0198	2307007	05/03/23 AOAC 2013.06 (mod.) [®]	pass	
Mercury*	< LOQ	0.100	mg/kg	0.00988	2307007	05/03/23 AOAC 2013.06 (mod.) [®]	pass	



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Nutrition

Analyte	Result	Limits	Units	LOQ	Batch	Analyzed Method	Status	Notes
Moisture (Loss on Drying)	18.6		g/100g	0.10	2306942	05/02/23 AOAC 925.10 (mod.) ^p		
Water Activity	0.685		Aw	0.030	2306922	05/02/23 AOAC 978.18 ^p		



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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.

Ⓐ = ISO/IEC 17025:2017 accredited method.

Ⓜ = TNI accredited analyte.

Units of Measure

cfu/g = Colony forming units per gram

g = g

g/100g = Grams per 100 Grams

µg/g = Microgram per gram

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

mg/4g = Milligram per 4g

% = Percentage of sample

Aw = Water Activity

% wt = µg/g divided by 10,000

Approved Signatory

Derrick Tanner
General Manager



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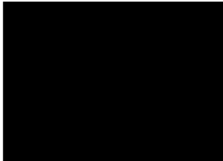
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Hemp & Cannabis: Usable / Extract / Finished Product
Chain of Custody, Record

Northwest-Natural-Goods-
1682723920

ORELAP ID: **OR1000028** ANAB ISO 17025 ID: **AT1508**

		Project Information Project Name: <u>HEMP - EB 0079</u> PO Number: <u>N/A</u> Turnaround Time: <u>5 Business Days (standard) (required for microbial testing)</u> Samples Delivered to Laboratory: <u>Schedule Pick-Up</u> Cannabis Type: <u>Indica/Dia</u> Pick-Up Location Street Address: <u>11791 SE HWY 212 #101</u> City, State, Zip: <u>Clackamas, Oregon 97015</u> Pick-Up Location Phone: <u>385599210</u>				Testing							
						Heavy Metals Profile OR (As, Cd, Pb & Hg)	Moisture as Loss on Drying	Pesticide - Multi-Residue Profile	Potency Cannabinoid Base: + Extended Profile	Residual Solvents - CR	Total Coliforms + E.Coli	Yeast Activity	
#	Sample Name	Matrix	Amount Provided	Testing Comments									
1	HEMP - EB 0079	Edible	20 units for sale	MICRO: yeast and mold				✓	✓	✓	✓	✓	✓
Relinquished By		Date	Time	Temp., °C	Received By		Date	Time	Received Temp., °C	Evidence of Cooling?			
Kristen Osborne		4/28/2023	16:18	Temp., °C	MRH		5/1/2023	10:18		No			
MRH		5/1/2023	10:47	19.2	MRH		5/1/2023	10:48		No			

Samples submitted to Columbia Laboratories with testing requirements constitute an agreement for services in accordance with the [current terms of services](#) associated with the CDC. By signing "Relinquished by" you are agreeing to these terms.

Columbia Laboratories
 12423 NE Whitaker Way
 Portland, OR 97230

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Revision 1 Documen D 7148
 Legacy D Workshee Valida ed 04/20/2021

Laboratory Quality Control Results

J AOAC 2015 V98-6 Batch ID: 2306957

Laboratory Control Sample									
Analyte	LCS	Result	Spike	Units	% Rec	Limits		Evaluation	Notes
CBDVA	2	0.0330	0.030	%	108	80.0	- 120	Acceptable	
CBDV	2	0.0322	0.030	%	109	80.0	- 120	Acceptable	
CBE	2	0.0365	0.034	%	108	80.0	- 120	Acceptable	
CBDA	1	0.0330	0.032	%	103	90.0	- 110	Acceptable	
CBGA	1	0.0277	0.027	%	103	80.0	- 120	Acceptable	
CBG	1	0.0338	0.033	%	104	80.0	- 120	Acceptable	
CBD	1	0.0298	0.029	%	104	90.0	- 110	Acceptable	
THCV	2	0.0249	0.023	%	110	80.0	- 120	Acceptable	
d8THCV	2	0.0284	0.027	%	107	80.0	- 120	Acceptable	
THCVA	2	0.0338	0.031	%	108	80.0	- 120	Acceptable	
CBN	1	0.0295	0.029	%	103	80.0	- 120	Acceptable	
exo-THC	2	0.0331	0.031	%	108	80.0	- 120	Acceptable	
d9THC	1	0.0352	0.034	%	103	90.0	- 110	Acceptable	
d8THC	1	0.0347	0.033	%	106	90.0	- 110	Acceptable	
9S-d10THC	1	0.0346	0.034	%	103	80.0	- 120	Acceptable	
CBL	2	0.0365	0.032	%	113	80.0	- 120	Acceptable	
9R-d10THC	1	0.0323	0.032	%	102	80.0	- 120	Acceptable	
CBC	2	0.0320	0.030	%	106	80.0	- 120	Acceptable	
THCA	1	0.0387	0.037	%	104	90.0	- 110	Acceptable	
CBCA	2	0.0349	0.032	%	108	80.0	- 120	Acceptable	
CBLA	2	0.0343	0.032	%	107	80.0	- 120	Acceptable	
d9THCP	2	0.0340	0.032	%	108	80.0	- 120	Acceptable	
CBT	2	0.0344	0.033	%	104	80.0	- 120	Acceptable	

Method Blank						
Analyte	Result	LOQ	Units	Limits	Evaluation	Notes
CBDVA	<LOQ	0.003	%	< 0.003	Acceptable	
CBDV	<LOQ	0.003	%	< 0.003	Acceptable	
CBE	<LOQ	0.003	%	< 0.003	Acceptable	
CBDA	<LOQ	0.003	%	< 0.003	Acceptable	
CBGA	<LOQ	0.003	%	< 0.003	Acceptable	
CBG	<LOQ	0.003	%	< 0.003	Acceptable	
CBD	<LOQ	0.003	%	< 0.003	Acceptable	
THCV	<LOQ	0.003	%	< 0.003	Acceptable	
d8THCV	<LOQ	0.003	%	< 0.003	Acceptable	
THCVA	<LOQ	0.003	%	< 0.003	Acceptable	
CBN	<LOQ	0.003	%	< 0.003	Acceptable	
exo-THC	<LOQ	0.003	%	< 0.003	Acceptable	
d9THC	<LOQ	0.003	%	< 0.003	Acceptable	
d8THC	<LOQ	0.003	%	< 0.003	Acceptable	
9S-d10THC	<LOQ	0.003	%	< 0.003	Acceptable	
CBL	<LOQ	0.003	%	< 0.003	Acceptable	
9R-d10THC	<LOQ	0.003	%	< 0.003	Acceptable	
CBC	<LOQ	0.003	%	< 0.003	Acceptable	
THCA	<LOQ	0.003	%	< 0.003	Acceptable	
CBCA	<LOQ	0.003	%	< 0.003	Acceptable	
CBLA	<LOQ	0.003	%	< 0.003	Acceptable	
d9THCP	<LOQ	0.003	%	< 0.003	Acceptable	
CBT	<LOQ	0.003	%	< 0.003	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 1 Documen D 7148
 Legacy D Workshee Valida ed 04/20/2021

Laboratory Quality Control Results

J AOAC 2015 V98-6		Batch ID: 2306957						
Sample Duplicate		Sample ID: 23-005190-0001						
Analyte	Result	Org. Result	LOQ	Units	RPD	Limits	Evaluation	Notes
CBDVA	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBDV	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBE	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBD	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBDA	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBGA	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBG	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBG	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
THCV	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
THCV	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
THCVA	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBN	0.130	0.128	0.003	%	1.58	< 20	Acceptable	
exo-THC	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
d9THC	0.256	0.251	0.003	%	1.76	< 20	Acceptable	
d8THC	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
9S-d10THC	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBL	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
9R-d10THC	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBC	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
THCA	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBCA	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBLA	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
d9THCP	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBT	<LOQ	<LOQ	0.003	%	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 D: 2307096					
Method Blank				Laboratory Control Sample					
Analyte	Result	LOQ	Notes	Result	Spike	Units	% Rec	Limits	Notes
Propane	ND	< 200		627	584	µg/g	107.4	60	- 120
Isobutane	ND	< 200		784	767	µg/g	102.2	60	- 120
Butane	ND	< 200		788	782	µg/g	100.8	60	- 120
2,2-Dimethylpropane	ND	< 200		1090	939	µg/g	116.1	60	- 120
Methanol	ND	< 200		1600	1610	µg/g	99.4	60	- 120
Ethylene Oxide	ND	< 30		61.2	57.1	µg/g	107.2	60	- 120
2-Methylbutane	ND	< 200		1520	1600	µg/g	95.0	60	- 120
Pentane	ND	< 200		1530	1610	µg/g	95.0	60	- 120
Ethanol	ND	< 200		1560	1600	µg/g	97.5	70	- 130
Ethyl Ether	ND	< 200		1530	1610	µg/g	95.0	60	- 120
2,2-Dimethylbutane	ND	< 30		162	173	µg/g	93.6	60	- 120
Acetone	ND	< 200		1550	1620	µg/g	95.7	60	- 120
2-Propanol	ND	< 200		1560	1600	µg/g	97.5	60	- 120
Ethyl Formate	ND	< 500		1390	1610	µg/g	86.3	70	- 130
Acetonitrile	ND	< 100		468	488	µg/g	95.9	60	- 120
Methyl Acetate	ND	< 500		1260	1610	µg/g	78.3	70	- 130
2,3-Dimethylbutane	ND	< 30		162	165	µg/g	98.2	60	- 120
Dichloromethane	ND	< 60		459	487	µg/g	94.3	60	- 120
2-Methylpentane	ND	< 30		153	160	µg/g	95.6	60	- 120
MTBE	ND	< 500		1280	1600	µg/g	80.0	70	- 130
3-Methylpentane	ND	< 30		154	161	µg/g	95.7	60	- 120
Hexane	ND	< 30		155	162	µg/g	95.7	60	- 120
1-Propanol	ND	< 500		1350	1620	µg/g	83.3	70	- 130
Methyl ethyl ketone	ND	< 500		1310	1610	µg/g	81.4	70	- 130
Ethyl acetate	ND	< 200		1560	1600	µg/g	97.5	60	- 120
2-Butanol	ND	< 200		1590	1610	µg/g	98.8	60	- 120
Tetrahydrofuran	ND	< 100		464	483	µg/g	96.1	60	- 120
Cyclohexane	ND	< 200		1520	1610	µg/g	94.4	60	- 120
2-methyl-1-propanol	ND	< 500		1370	1630	µg/g	84.0	70	- 130
Benzene	ND	< 1		4.71	4.98	µg/g	94.6	60	- 120
Isopropyl Acetate	ND	< 200		1560	1610	µg/g	96.9	60	- 120
Heptane	ND	< 200		1580	1620	µg/g	97.5	60	- 120
1-Butanol	ND	< 500		1350	1600	µg/g	84.4	70	- 130
Propyl Acetate	ND	< 500		1330	1620	µg/g	82.1	70	- 130
1,4-Dioxane	ND	< 100		469	494	µg/g	94.9	60	- 120
2-Ethoxyethanol	ND	< 30		167	165	µg/g	101.2	60	- 120
Methylisobutylketone	ND	< 500		1310	1610	µg/g	81.4	70	- 130
3-Methyl-1-butanol	ND	< 500		1380	1610	µg/g	85.7	70	- 130
Ethylene Glycol	ND	< 200		404	488	µg/g	83.1	60	- 120
Toluene	ND	< 100		466	513	µg/g	90.8	60	- 120
Isobutyl Acetate	ND	< 500		1310	1600	µg/g	81.9	70	- 130
1-Pentanol	ND	< 500		1360	1610	µg/g	84.5	70	- 130
Butyl Acetate	ND	< 500		1330	1610	µg/g	82.6	70	- 130
Ethylbenzene	ND	< 200		932	967	µg/g	96.4	60	- 120
m,p-Xylene	ND	< 200		962	994	µg/g	96.8	60	- 120
o-Xylene	ND	< 200		945	992	µg/g	95.3	60	- 120
Cumene	ND	< 30		163	171	µg/g	95.3	60	- 120
Anisole	ND	< 500		1350	1610	µg/g	83.9	70	- 130
DMSO	ND	< 500		1330	1610	µg/g	82.6	70	- 130
1,2-dimethoxyethane	ND	< 50		141	172	µg/g	82.0	70	- 130
Triethylamine	ND	< 500		1420	1620	µg/g	87.7	70	- 130
N,N-dimethylformamide	ND	< 150		422	499	µg/g	84.6	70	- 130
N,N-dimethylacetamide	ND	< 150		371	491	µg/g	75.6	70	- 130
Pyridine	ND	< 50		146	171	µg/g	85.4	70	- 130
Silfolane	ND	< 50		137	160	µg/g	85.6	70	- 130
1,2-Dichloroethane	ND	< 1		0.988	1	µg/g	98.8	70	- 130
Chloroform	ND	< 1		0.984	1	µg/g	98.4	70	- 130
Trichloroethylene	ND	< 1		0.883	1	µg/g	88.3	70	- 130
1,1-Dichloroethane	ND	< 1		0.951	1	µg/g	95.1	70	- 130



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Report Number: 23-005213/D002.R000
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Revision: 2 Document ID: 7087
 Legacy ID: CFL-E33Effective:

QC- Sample Duplicate		Sample ID: 23-005213-0001						
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		
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



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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.