

BULK SKU BLM.UN50

BATCH # ED02

PRODUCT NAME Fragrance Free CBD Balm **SERVING SIZE** 0.25 tsp

LABORATORY: Columbia Laboratories **OREGON ACCREDITATION:** OR100028

LOQ: Limit Of Quantitation
LOD: Limit Of Detection

 $1 \text{ g} = 10^{-3} \text{ kg} = 10^3 \text{ mg} = 10^6 \text{ }\mu\text{g}$
 $1 \text{ mg/kg} = 1 \text{ ppm} = 1000 \text{ ppb}$

POTENCY	PER SERVING	PER GRAM	Percent
Cannabidiol (CBD)	58.5 mg/serving	52.2 mg/g	5.22 %
Total THC (d9-THC, THCA)	1.92 mg/serving	1.71 mg/g	0.171 %
Cannabigerol (CBG)	1.20 mg/serving	1.07 mg/g	0.107 %
Cannabinol (CBN)	0.066 mg/serving	0.059 mg/g	0.006 %
Cannabichromene (CBC)	1.58 mg/serving	1.41 mg/g	0.141 %
Tetrahydrocannabinolic Acid (THCA)	<LOQ mg/serving	<LOQ mg/g	<LOQ %
Delta-9-THC (d9-THC)	1.92 mg/serving	1.71 mg/g	0.171 %
Delta-8-THC (d8-THC)	<LOQ mg/serving	<LOQ mg/g	<LOQ %

HEAVY METALS	PER SERVING	PER GRAM	REGULATORY ACTION LEVEL
Arsenic	<LOQ $\mu\text{g/serving}$	<LOQ $\mu\text{g/g}$	10 $\mu\text{g/day}$ ^[1]
Cadmium	<LOQ $\mu\text{g/serving}$	<LOQ $\mu\text{g/g}$	4.1 $\mu\text{g/day}$ ^[1]
Lead	<LOQ $\mu\text{g/serving}$	<LOQ $\mu\text{g/g}$	3.5 $\mu\text{g/day}$ ^[2]
Mercury	<LOQ $\mu\text{g/serving}$	<LOQ $\mu\text{g/g}$	2 $\mu\text{g/day}$ ^[1]

PESTICIDES	REGULATORY ACTION LEVEL
None of the other 59 pesticides tested found above limit of detection in the sample.	10 ppb ^[1]

RESIDUAL SOLVENTS	Results	REGULATORY ACTION LEVEL
Ethanol	<LOQ	50,000 mg/day
Heptane	<LOQ	50,000 mg/day
None of the 34 residual solvents tested found above limit of quantitation in the sample.		

MICROBIAL	PASS/FAIL
Yeast & Mold	Pass
Coliform	Pass



1. American Herbal Pharmacopoeia. (2014). Cannabis Inflorescence: Standards of Identity, Analysis, and Quality Control. Washington DC: AHP.

2. US Food and Drug Administration. (2019). Lead in Food, Foodwares, and Dietary Supplements. Washington DC: FDA. US Food and Drug Administration. (2019). Lead in Food, Foodwares, and Dietary Supplements. Washington DC: FDA.



This is an amended version of report# 22-004173/D002.R001.
Reason: Report includes additional testing.

Customer: Etz Hayim Holdings
Product identity: FORM-ED02-BLM.UN50
Client/Metric ID: .
Laboratory ID: 22-004173-0001

Summary

Potency:

Analyte per 1g	Result	Limits	Units	Status	
CBC per 1g†	1.41		mg/1g		CBD-Total per 1g 52.2 mg/1g
CBD per 1g	52.2		mg/1g		
CBDV per 1g†	0.252		mg/1g		THC-Total per 1g 1.71 mg/1g
CBE per 1g†	0.521		mg/1g		
CBG per 1g†	1.07		mg/1g		(Reported in milligrams per serving)
CBN per 1g	0.0588		mg/1g		
CBT per 1g†	0.762		mg/1g		
Δ9-THC per 1g	1.71		mg/1g		

Residual Solvents:

All analytes passing and less than LOQ.

Pesticides:

All analytes passing and less than LOQ.

Metals:

Less than LOQ for all analytes.

Microbiology:

Less than LOQ for all analytes.



Customer: Etz Hayim Holdings
16427 NE Airport Way
PORTLAND 97230
United States of America (USA)

Product identity: FORM-ED02-BLM.UN50

Client/Metric ID: .

Sample Date:

Laboratory ID: 22-004173-0001

Evidence of Cooling: No

Temp: 18.8 °C

Relinquished by: Client

Serving Size #1: 1 g

Serving Size #1: 1 g

Sample Results

Potency per 1g					
Method J AOAC 2015 V98-6 (mod) Units mg/se Batch: 2203457 Analyze: 4/21/22 9:49:00 PM					
Analyte	Result	Limits	Units	LOQ	Notes
CBC per 1g [†]	1.41		mg/1g	0.0318	
CBC-A per 1g [†]	< LOQ		mg/1g	0.0318	
CBC-Total per 1g [†]	1.41		mg/1g	0.0597	
CBD per 1g	52.2		mg/1g	0.318	
CBD-A per 1g	< LOQ		mg/1g	0.0318	
CBD-Total per 1g	52.2		mg/1g	0.346	
CBDV per 1g [†]	0.252		mg/1g	0.0318	
CBDV-A per 1g [†]	< LOQ		mg/1g	0.0318	
CBDV-Total per 1g [†]	0.252		mg/1g	0.0594	
CBE per 1g [†]	0.521		mg/1g	0.0318	
CBG per 1g [†]	1.07		mg/1g	0.0318	
CBG-A per 1g [†]	< LOQ		mg/1g	0.0318	
CBG-Total per 1g [†]	1.07		mg/1g	0.0594	
CBL per 1g [†]	< LOQ		mg/1g	0.0318	
CBL-A per 1g [†]	< LOQ		mg/1g	0.0318	
CBL-Total per 1g [†]	< LOQ		mg/1g	0.0597	
CBN per 1g	0.0588		mg/1g	0.0318	
CBT per 1g [†]	0.762		mg/1g	0.0318	
Δ8-THCV per 1g [†]	< LOQ		mg/1g	0.0318	
Δ8-THC per 1g [†]	< LOQ		mg/1g	0.0318	
Δ9-THC per 1g	1.71		mg/1g	0.0318	
exo-THC per 1g [†]	< LOQ		mg/1g	0.0318	
THC-A per 1g	< LOQ		mg/1g	0.0318	
THC-Total per 1g	1.71		mg/1g	0.0597	
THCV per 1g [†]	< LOQ		mg/1g	0.0318	
THCV-A per 1g [†]	< LOQ		mg/1g	0.0318	
THCV-Total per 1g [†]	< LOQ		mg/1g	0.0597	
Total Cannabinoids per 1g	58.0		mg/1g		



Solvents		Method Residual Solvents by GC/MS				Units µg/g	Batch 2203584	Analyze 04/27/22 10:20 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-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		Ethanol†	< LOQ		200		
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							

Microbiology

Analyte	Result	Limits	Units	LOQ	Batch	Analyze	Method	Status	Notes
E.coli	< LOQ		cfu/g	10	2203485	04/25/22	AOAC 991.14 (Petrifilm)		X, I
Total Coliforms	< LOQ		cfu/g	10	2203485	04/25/22	AOAC 991.14 (Petrifilm)		X, I
Mold (RAPID Petrifilm)	< LOQ		cfu/g	10	2203486	04/26/22	AOAC 2014.05 (RAPID)		X, I
Yeast (RAPID Petrifilm)	< LOQ		cfu/g	10	2203486	04/26/22	AOAC 2014.05 (RAPID)		X, I



Pesticides											
Method AOAC 2007.01 & EN 15662 (mod)						Units mg/kg	Batch 2203652	Analyze 04/28/22 04:01 PM			
Analyte	Result	Limits	LOQ	Status	Notes	Analyte	Result	Limits	LOQ	Status	Notes
Abamectin	< LOQ	0.50	0.250	pass		Acephate	< LOQ	0.40	0.250	pass	
Acequinocyl	< LOQ	2.0	1.00	pass		Acetamiprid	< LOQ	0.20	0.100	pass	
Aldicarb	< LOQ	0.40	0.200	pass		Azoxystrobin	< LOQ	0.20	0.100	pass	
Bifentazate	< LOQ	0.20	0.100	pass		Bifenthrin	< LOQ	0.20	0.100	pass	
Boscalid	< LOQ	0.40	0.200	pass		Carbaryl	< LOQ	0.20	0.100	pass	
Carbofuran	< LOQ	0.20	0.100	pass		Chlorantraniliprole	< LOQ	0.20	0.100	pass	
Chlorfenapyr	< LOQ	1.0	0.500	pass		Chlorpyrifos	< LOQ	0.20	0.100	pass	
Clofentezine	< LOQ	0.20	0.100	pass		Cyfluthrin	< LOQ	1.0	0.500	pass	
Cypermethrin	< LOQ	1.0	0.500	pass		Daminozide	< LOQ	1.0	0.500	pass	
Diazinon	< LOQ	0.20	0.100	pass		Dichlorvos	< LOQ	1.0	0.500	pass	
Dimethoate	< LOQ	0.20	0.100	pass		Ethoprophos	< LOQ	0.20	0.100	pass	
Etofenprox	< LOQ	0.40	0.200	pass		Etoazole	< LOQ	0.20	0.100	pass	
Fenoxycarb	< LOQ	0.20	0.100	pass		Fenpyroximate	< LOQ	0.40	0.200	pass	
Fipronil	< LOQ	0.40	0.200	pass		Fonicamid	< LOQ	1.0	0.400	pass	
Fludioxonil	< LOQ	0.40	0.200	pass		Hexythiazox	< LOQ	1.0	0.400	pass	
Imazalil	< LOQ	0.20	0.100	pass		Imidacloprid	< LOQ	0.40	0.200	pass	
Kresoxim-methyl	< LOQ	0.40	0.200	pass		Malathion	< LOQ	0.20	0.100	pass	
Metalaxyl	< LOQ	0.20	0.100	pass		Methiocarb	< LOQ	0.20	0.100	pass	
Methomyl	< LOQ	0.40	0.200	pass		MGK-264	< LOQ	0.20	0.100	pass	
Myclobutanil	< LOQ	0.20	0.100	pass		Naled	< LOQ	0.50	0.250	pass	
Oxamyl	< LOQ	1.0	0.500	pass		Paclobotrazole	< LOQ	0.40	0.200	pass	
Parathion-Methyl	< LOQ	0.20	0.200	pass		Permethrin	< LOQ	0.20	0.100	pass	
Phosmet	< LOQ	0.20	0.100	pass		Piperonyl butoxide	< LOQ	2.0	1.00	pass	
Prallethrin	< LOQ	0.20	0.200	pass		Propiconazole	< LOQ	0.40	0.200	pass	
Propoxur	< LOQ	0.20	0.100	pass		Pyrethrin I (total)	< LOQ	1.0	0.500	pass	
Pyridaben	< LOQ	0.20	0.100	pass		Spinosad	< LOQ	0.20	0.100	pass	
Spiromesifen	< LOQ	0.20	0.100	pass		Spirotetramat	< LOQ	0.20	0.100	pass	
Spiroxamine	< LOQ	0.40	0.200	pass		Tebuconazole	< LOQ	0.40	0.200	pass	
Thiacloprid	< LOQ	0.20	0.100	pass		Thiamethoxam	< LOQ	0.20	0.100	pass	
Trifloxystrobin	< LOQ	0.20	0.100	pass							

Metals										
Analyte	Result	Limits	Units	LOQ	Batch	Analyze	Method	Status	Notes	
Arsenic	< LOQ	0.200	mg/kg	0.0696	2203531	04/25/22	AOAC 2013.06 (mod.)	pass	X	
Cadmium	< LOQ	0.200	mg/kg	0.0696	2203531	04/25/22	AOAC 2013.06 (mod.)	pass	X	
Lead	< LOQ	0.500	mg/kg	0.0696	2203531	04/25/22	AOAC 2013.06 (mod.)	pass	X	
Mercury	< LOQ	0.100	mg/kg	0.0348	2203531	04/25/22	AOAC 2013.06 (mod.)	pass	X	



These test results are representative of the individual sample selected and submitted by the client.

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.

† = Analyte not NELAP accredited.

Units of Measure

cfu/g = Colony forming units per gram

g = g

µg/g = Microgram per gram

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

mg/1g = Milligram per 1g

% = Percentage of sample

% wt = µg/g divided by 10,000

Glossary of Qualifiers

I: Insufficient sample received to meet method requirements.

X: Not ORELAP accredited.

Approved Signatory



Derrick Tanner
General Manager



12423 NE Whitaker Way Portland OR 97230 p.503-254-1794

Cannabis Chain of Custody Record

ORELAP ID: OR100028

Field ID		Date/Time Collected	Pesticides - OR 59 compounds	Pesticide Multi-Residue - 379 compounds	Potency	Residual Solvents	Water Activity	Moisture	Terpenes	Micro: Yeast and Mold	Micro: E. Coli and Total Coliform	Heavy Metals	Mycotoxins	Other	Matrix	Weight	Serving size for edibles	Comments/Metric ID
FORM-ED02-BLM-11150		4/13/2022			X										Topical	Semisolid - mg/g		
FORM-ED02-BLM-11150		4/13/2022	X			X				X	X	X						La 2. Nat Discount potency 1st

Collected By: [Redacted]	Lab Use Only: Client Alias: Order Number: Proper Container: Sample Condition: Temperature: 18.8°C Shipped Via: Client Evidence of cooling: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<input checked="" type="checkbox"/> Standard (5 day) <input type="checkbox"/> Rush (3-4 day) (1.5x Standard) <input type="checkbox"/> Priority Rush (2 day) (2x Standard)	

www.columbiaboratories.com
Test results relate only to the parameters tested and to the samples as received by the laboratory. Test results meet all requirements of NELAP and the Columbia Laboratories quality assurance plan unless otherwise noted. This report shall not be reproduced, except in full, without the written consent of this laboratory. Samples will be retained for a maximum of 30 days from the receipt date unless prior arrangements have been made.
Testing in accordance with: OAR 333-007-0430



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

Laboratory Quality Control Results

JAQAC2015 08-6							
Batch ID: 0							
Laboratory Control Sample							
Analyte	Result	Spike	Units	% Rec	Limits	Evaluation	Notes
CBDV	0.034	0.03	%	103	80 C - 120	Acceptabl	
CBD	0.036	0.03	%	109	80 C - 120	Acceptabl	
CBI	0.031	0.03	%	95	80 C - 120	Acceptabl	
CBD	0.033	0.03	%	100	90 C - 110	Acceptabl	
CBG	0.032	0.03	%	98	80 C - 120	Acceptabl	
CB	0.032	0.03	%	97.7	80 C - 120	Acceptabl	
CBI	0.033	0.03	%	99	90 C - 110	Acceptabl	
THC	0.034	0.03	%	102	80 C - 120	Acceptabl	
d8THC	0.032	0.03	%	97	80 C - 120	Acceptabl	
THCV	0.032	0.03	%	98.2	80 C - 120	Acceptabl	
CB	0.032	0.03	%	98	90 C - 110	Acceptabl	
exo-THC	0.030	0.03	%	91	80 C - 120	Acceptabl	
d9THC	0.033	0.03	%	99.000	90 C - 110	Acceptabl	
d8THC	0.029	0.03	%	89.2	80 C - 120	Acceptabl	
CBI	0.029	0.03	%	87.2	80 C - 120	Acceptabl	
CB	0.032	0.03	%	96.2	80 C - 120	Acceptabl	
THC	0.034	0.03	%	104	90 C - 110	Acceptabl	
CB	0.033	0.03	%	100.0	80 C - 120	Acceptabl	
CBL	0.033	0.03	%	99.7	80 C - 120	Acceptabl	
CB	0.027	0.03	%	82.1	80 C - 120	Acceptabl	

Method Blank

Analyte	Result	LOQ	Units	Limits	Evaluation	Notes
CBDV	< LOQ	0.00	%	< 0.00	Acceptabl	
CBD	< LOQ	0.00	%	< 0.00	Acceptabl	
CBI	< LOQ	0.00	%	< 0.00	Acceptabl	
CBD	< LOQ	0.00	%	< 0.00	Acceptabl	
CBG	< LOQ	0.00	%	< 0.00	Acceptabl	
CB	< LOQ	0.00	%	< 0.00	Acceptabl	
CBI	< LOQ	0.00	%	< 0.00	Acceptabl	
THC	< LOQ	0.00	%	< 0.00	Acceptabl	
d8THC	< LOQ	0.00	%	< 0.00	Acceptabl	
THCV	< LOQ	0.00	%	< 0.00	Acceptabl	
CB	< LOQ	0.00	%	< 0.00	Acceptabl	
exo-THC	< LOQ	0.00	%	< 0.00	Acceptabl	
d9THC	< LOQ	0.00	%	< 0.00	Acceptabl	
d8THC	< LOQ	0.00	%	< 0.00	Acceptabl	
CBI	< LOQ	0.00	%	< 0.00	Acceptabl	
CB	< LOQ	0.00	%	< 0.00	Acceptabl	
THC	< LOQ	0.00	%	< 0.00	Acceptabl	
CB	< LOQ	0.00	%	< 0.00	Acceptabl	
CBL	< LOQ	0.00	%	< 0.00	Acceptabl	
CB	< LOQ	0.00	%	< 0.00	Acceptabl	

Abbreviations

ND - None Detected at or above MI
RPD - Relative Percent Differen
LOQ - Limit of Quantitation

Units of Measure:

% - Percen



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

Laboratory Quality Control Results

JAQAC2015 V08-6		Batch ID: 0		Sample Duplicate		Sample D: 22-0042720001			
Analyte	Result	Org. Result	LOQ	Units	RPD	Limits	Evaluation	Notes	
CBDV	< LOQ	< LOQ	0.00%	%	NA	< 20	Acceptable		
CBD*	< LOQ	< LOQ	0.00%	%	NA	< 20	Acceptable		
CBI	< LOQ	< LOQ	0.00%	%	NA	< 20	Acceptable		
CBD	< LOQ	< LOQ	0.00%	%	NA	< 20	Acceptable		
CBG	< LOQ	< LOQ	0.00%	%	NA	< 20	Acceptable		
CB	< LOQ	< LOQ	0.00%	%	NA	< 20	Acceptable		
CBE	0.651	0.65%	0.00%	%	0.77%	< 20	Acceptable		
THC	< LOQ	< LOQ	0.00%	%	NA	< 20	Acceptable		
d8THC	< LOQ	< LOQ	0.00%	%	NA	< 20	Acceptable		
THCV	< LOQ	< LOQ	0.00%	%	NA	< 20	Acceptable		
CB*	< LOQ	< LOQ	0.00%	%	NA	< 20	Acceptable		
exo-THC	< LOQ	< LOQ	0.00%	%	NA	< 20	Acceptable		
d9THC	< LOQ	< LOQ	0.00%	%	NA	< 20	Acceptable		
d8THC	< LOQ	< LOQ	0.00%	%	NA	< 20	Acceptable		
CBI	< LOQ	< LOQ	0.00%	%	NA	< 20	Acceptable		
CB*	< LOQ	0.0060	0.00%	%	NA	< 20	Acceptable		
THC*	< LOQ	< LOQ	0.00%	%	NA	< 20	Acceptable		
CBC	< LOQ	< LOQ	0.00%	%	NA	< 20	Acceptable		
CBL	< LOQ	< LOQ	0.00%	%	NA	< 20	Acceptable		
CB	< LOQ	< LOQ	0.00%	%	NA	< 20	Acceptable		

Abbreviations

ND - None Detected at or above ML
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

JAQAC2015 08-6		Batch ID: 2203440						
Sample Duplicate		Sample D: 22-0044619001						
Analyte	Result	Org. Result	LOC	Units	RPD	Limits	Evaluation	Notes
CBDV	< LOQ	< LOQ	0.00%	%	NA	< 20	Acceptable	
CBD*	< LOQ	< LOQ	0.00%	%	NA	< 20	Acceptable	
CBI	< LOQ	< LOQ	0.00%	%	NA	< 20	Acceptable	
CBD	< LOQ	< LOQ	0.00%	%	NA	< 20	Acceptable	
CBG	< LOQ	< LOQ	0.00%	%	NA	< 20	Acceptable	
CB	0.0086%	0.0086%	0.00%	%	0.10%	< 20	Acceptable	
CBE	0.0057%	0.0057%	0.00%	%	0.91%	< 20	Acceptable	
THC*	< LOQ	< LOQ	0.00%	%	NA	< 20	Acceptable	
d8THC*	< LOQ	< LOQ	0.00%	%	NA	< 20	Acceptable	
THCV*	< LOQ	< LOQ	0.00%	%	NA	< 20	Acceptable	
CB*	0.0038%	0.0037%	0.00%	%	3.52%	< 20	Acceptable	
exo-THC	< LOQ	< LOQ	0.00%	%	NA	< 20	Acceptable	
d9THC	0.24%	0.24%	0.00%	%	0.34%	< 20	Acceptable	
d8THC	< LOQ	< LOQ	0.00%	%	NA	< 20	Acceptable	
CBI	< LOQ	< LOQ	0.00%	%	NA	< 20	Acceptable	
CB*	0.0053%	0.0051%	0.00%	%	4.01%	< 20	Acceptable	
THC*	< LOQ	< LOQ	0.00%	%	NA	< 20	Acceptable	
CBG	< LOQ	< LOQ	0.00%	%	NA	< 20	Acceptable	
CBL	< LOQ	< LOQ	0.00%	%	NA	< 20	Acceptable	
CB	0.0032%	< LOQ	0.00%	%	NA	< 20	Acceptable	

Abbreviations

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

Units of Measure:

% - Percent



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



Report Number: 22-004173/D002.R002
Report Date: 04/29/2022
ORELAP#: OR100028
Purchase Order:
Received: 04/13/22 14:01





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.