

## CONSOLIDATED TEST RESULTS SUMMARY

Please see the following pages for full test results.

<b>BULK SKU</b> GEL.MSL20	<b>BATCH #</b> DK04	<b>LOQ:</b> Limit Of Quantitation	
<b>PRODUCT NAME</b> Muscle Gel - 20mg	<b>SERVING SIZE</b> 1 mL	<b>LOD:</b> Limit Of Detection	
<b>LABORATORY:</b> Columbia Laboratories	<b>OREGON ACCREDITATION:</b> OR100028	1 g = 10 <sup>-3</sup> kg = 10 <sup>3</sup> mg = 10 <sup>6</sup> µg 1 mg/kg = 1 ppm = 1000 ppb	
POTENCY	PER SERVING	PER GRAM	Percent
Cannabidiol (CBD)	23.2 mg/serving	24.4 mg/g	2.44 %
Total THC (d9-THC, THCA)	0.726 mg/serving	0.764 mg/g	0.0764 %
Cannabigerol (CBG)	<LOQ mg/serving	<LOQ mg/g	<LOQ %
Cannabinol (CBN)	<LOQ mg/serving	<LOQ mg/g	<LOQ %
Cannabichromene (CBC)	0.612 mg/serving	0.644 mg/g	0.0644 %
Tetrahydrocannabinolic Acid (THCA)	<LOQ mg/serving	<LOQ mg/g	<LOQ %
Delta-9-THC (d9-THC)	0.726 mg/serving	0.764 mg/g	0.0764 %
Delta-8-THC (d8-THC)	<LOQ mg/serving	<LOQ mg/g	<LOQ %
HEAVY METALS	PER SERVING	PER GRAM	REGULATORY ACTION LEVEL
Arsenic	<LOQ µg/serving	<LOQ µg/g	10 µg/day <sup>[1]</sup>
Cadmium	<LOQ µg/serving	<LOQ µg/g	4.1 µg/day <sup>[1]</sup>
Lead	<LOQ µg/serving	<LOQ µg/g	3.5 µg/day <sup>[2]</sup>
Mercury	<LOQ µg/serving	<LOQ µg/g	2 µg/day <sup>[1]</sup>
PESTICIDES	REGULATORY ACTION LEVEL		
None of the other 59 pesticides tested found above limit of detection in the sample.	10 ppb <sup>[1]</sup>		
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.



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



**Report Number:** 21-013455/D002.R000  
**Report Date:** 11/19/2021  
**ORELAP#:** OR100028  
**Purchase Order:**  
**Received:** 11/15/21 15:07

**Customer:** Etz Hayim Holdings  
**Product identity:** FORM-DK04.GEL.MSL20  
**Client/Metric ID:** .  
**Laboratory ID:** 21-013455-0001

### Summary

#### Potency:

Analyte per 1g	Result	Limits	Units	Status	
CBC per 1g <sup>†</sup>	0.644		mg/1g		CBD Total per 1g 24.4 mg/1g
CBD per 1g	24.4		mg/1g		
CBDV per 1g <sup>†</sup>	0.171		mg/1g		THC-Total per 1g 0.764 mg/1g
CBE per 1g <sup>†</sup>	0.206		mg/1g		
CBL per 1g <sup>†</sup>	0.0387		mg/1g		
CBT per 1g <sup>†</sup>	0.988		mg/1g		
Δ <sup>9</sup> THC per 1g	0.764		mg/1g		(Reported in milligrams per serving)



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

**Product identity:** FORM-DK04.GEL.MSL20

**Client/Metric ID:** .

**Sample Date:**

**Laboratory ID:** 21-013455-0001

**Evidence of Cooling:** No

**Temp:** 20.8 °C

**Relinquished by:** Client

**Serving Size #1:** 1 g

**Density:** 0.9000 g/ml

### Sample Results

Potency per 1g					
Method J AOAC 2015 V98-6 (mod)Units mg/se Batch: 2110381 Analyze: 11/16/21 11:15:00 P					
Analyte	Result	Limits	Units	LOQ	Notes
CBC per 1g <sup>†</sup>	0.644		mg/1g	0.0324	
CBC-A per 1g <sup>†</sup>	< LOQ		mg/1g	0.0324	
CBC-Total per 1g <sup>†</sup>	0.644		mg/1g	0.0609	
CBD per 1g	24.4		mg/1g	0.324	
CBD-A per 1g	< LOQ		mg/1g	0.0324	
CBD-Total per 1g	24.4		mg/1g	0.353	
CBDV per 1g <sup>†</sup>	0.171		mg/1g	0.0324	
CBDV-A per 1g <sup>†</sup>	< LOQ		mg/1g	0.0324	
CBDV-Total per 1g <sup>†</sup>	0.171		mg/1g	0.0605	
CBE per 1g <sup>†</sup>	0.206		mg/1g	0.0324	
CBG per 1g <sup>†</sup>	< LOQ		mg/1g	0.0324	
CBG-A per 1g <sup>†</sup>	< LOQ		mg/1g	0.0324	
CBG-Total per 1g <sup>†</sup>	< LOQ		mg/1g	0.0605	
CBL per 1g <sup>†</sup>	0.0387		mg/1g	0.0324	
CBL-A per 1g <sup>†</sup>	< LOQ		mg/1g	0.0324	
CBL-Total per 1g <sup>†</sup>	< LOQ		mg/1g	0.0609	
CBN per 1g	< LOQ		mg/1g	0.0324	
CBT per 1g <sup>†</sup>	0.988		mg/1g	0.0324	
Δ8-THCV per 1g <sup>†</sup>	< LOQ		mg/1g	0.0324	
Δ8-THC per 1g <sup>†</sup>	< LOQ		mg/1g	0.0324	
Δ9-THC per 1g	0.764		mg/1g	0.0324	
exo-THC per 1g <sup>†</sup>	< LOQ		mg/1g	0.0324	
THC-A per 1g	< LOQ		mg/1g	0.0324	
THC-Total per 1g	0.764		mg/1g	0.0609	
THCV per 1g <sup>†</sup>	< LOQ		mg/1g	0.0324	
THCV-A per 1g <sup>†</sup>	< LOQ		mg/1g	0.0324	
THCV-Total per 1g <sup>†</sup>	< LOQ		mg/1g	0.0609	
Total Cannabinoids per 1g	27.2		mg/1g		



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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**

g = Gram

g/ml = Gram per milliliter

mg/1g = Milligram per 1g

% = Percentage of sample

% wt =  $\mu\text{g/g}$  divided by 10,000

Approved Signatory

Derrick Tanner  
General Manager



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ETZHAYIM 21-013453



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

**Cannabis Chain of Custody Form**

AP ID: OR100028

Analysis Request												Etz Hayim Holdings					
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-DJ09(A)-BLM.LC50	10/29 1600			X										topical			Laz Nat Discount
FORM-DJ09(A)-BLM.LC50	10/28 1600								X	X				topical			
FORM-DJ09(A)-BLM.LC50	10/28 1600	X			X						X			topical			potency first

Purchase Order Number:  
Project Number:  
Project Name:  
 Report Instructions:  
 Send to State - METRC  
 Email Final Results:  
 Fax Final Results  
 Cash/Check/CC/Net 30  
Other:

Collected By:	Relinquished By:	Date	Time	Received by:	Date	Time	Lab Use Only:
<input checked="" type="checkbox"/> Standard (5 day)							Client Alias:
<input type="checkbox"/> Rush (3-4 day) (1.5x Standard)							Order Number:
<input type="checkbox"/> Priority Rush (2 day) (2x Standard)							Proper Container
							Sample Condition
							Temperature: 20.8°C
							Shipped Via: C.I. Int
							Evidence of cooling: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

SUBMISSION OF SAMPLES WITH TESTING REQUIREMENTS TO PIXIS WILL BE UNDERSTOOD TO BE AN AGREEMENT FOR SERVICES IN ACCORDANCE WITH THE CONDITIONS LISTED ON THE BACK OF THIS FORM  
Revision: 1.02 Control#: CF023 Effective 01/31/2019 Revised 01/31/2019 [www.pixislabs.com](http://www.pixislabs.com) Page 1 of 2

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



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503-254-1794

**Report Number:** 21-013455/D002.R000  
**Report Date:** 11/19/2021  
**ORELAP#:** OR100028  
**Purchase Order:**  
**Received:** 11/15/21 15:07



Revision # 0 00 Con rol CFL D06  
Revision Date 05/31/2019 Effective Date 05/31/2019

**Laboratory Quality Control Results**

**J AOAC 2015 V98-6** **Batch ID: 2110381**

Laboratory Control Sample							
Analyte	Result	Spike	Units	% Rec	Limits	Evaluation	Notes
CBDVA	0.00963	0.01	%	96.3	85.0 - 115	Acceptable	
CBDV	0.0102	0.01	%	102	85.0 - 115	Acceptable	
CBE	0.00986	0.01	%	98.6	85.0 - 115	Acceptable	
CBDA	0.0103	0.01	%	103	85.0 - 115	Acceptable	
CBGA	0.00966	0.01	%	96.6	85.0 - 115	Acceptable	
CBG	0.00987	0.01	%	98.7	85.0 - 115	Acceptable	
CBD	0.00996	0.01	%	99.6	85.0 - 115	Acceptable	
THCV	0.00956	0.01	%	95.6	85.0 - 115	Acceptable	
d8THCV	0.00966	0.01	%	96.6	85.0 - 115	Acceptable	
THCVA	0.00935	0.01	%	93.5	85.0 - 115	Acceptable	
CBN	0.0103	0.01	%	103	85.0 - 115	Acceptable	
exo-THC	0.00937	0.01	%	93.7	85.0 - 115	Acceptable	
d9THC	0.00968	0.01	%	96.8	85.0 - 115	Acceptable	
d8THC	0.00982	0.01	%	98.2	85.0 - 115	Acceptable	
CBL	0.00920	0.01	%	92.0	85.0 - 115	Acceptable	
CBC	0.0103	0.01	%	103	85.0 - 115	Acceptable	
THCA	0.00994	0.01	%	99.4	85.0 - 115	Acceptable	
CBCA	0.00984	0.01	%	98.4	85.0 - 115	Acceptable	
CBLA	0.0103	0.01	%	103	85.0 - 115	Acceptable	
CBT	0.0112	0.01	%	112	85.0 - 115	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	
CBL	<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	
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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**Purchase Order:**  
**Received:** 11/15/21 15:07

Revision # 0 00 Con rol CFL D06  
 Revision Da e 05/31/2019 Effec ive Da e 05/31/2019

**Laboratory Quality Control Results**

J AOAC 2015 V98-6								
Batch ID: 2110381								
Sample Duplicate								
Sample D 21-013294-0001								
Analyte	Result	Org. Result	LOQ	Units	RPD	Limits	Evaluation	Notes
CBDVA	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBDV	0.0124	0.0121	0.003	%	2.49	< 20	Acceptable	
CBE	0.0277	0.0277	0.003	%	0.0606	< 20	Acceptable	
CBDA	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBGA	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBG	0.142	0.140	0.003	%	1.95	< 20	Acceptable	
CBD	1.92	1.85	0.003	%	3.26	< 20	Acceptable	
THCV	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
d8THCV	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
THCVA	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBN	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
exo-THC	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
d9THC	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
d8THC	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBL	<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	
CBT	0.00773	0.00817	0.003	%	5.53	< 20	Acceptable	

**Abbreviations**

- ND - None Detected at or above MRL
- RPD - Relative Percent Difference
- LOQ - Limit of Quantitation
- NA - Calculation Not Applicable given non-numerical results

**Units of Measure:**

% - Percent





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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.



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**Report Number:** 21-013455/D005.R000  
**Report Date:** 12/01/2021  
**ORELAP#:** OR100028  
**Purchase Order:**  
**Received:** 11/15/21 15:07

**Customer:** Etz Hayim Holdings  
**Product identity:** FORM-DK04.GEL.MSL20  
**Client/Metric ID:** .  
**Laboratory ID:** 21-013455-0002

### Summary

-----  
**Microbiology:**

Less than LOQ for all analytes.



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 503-254-1794



**Report Number:** 21-013455/D005.R000  
**Report Date:** 12/01/2021  
**ORELAP#:** OR100028  
**Purchase Order:**  
**Received:** 11/15/21 15:07

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

**Product identity:** FORM-DK04.GEL.MSL20

**Client/Metric ID:** .

**Sample Date:**

**Laboratory ID:** 21-013455-0002

**Evidence of Cooling:** No

**Temp:** 20.8 °C

**Relinquished by:** Client

### Sample Results

#### Microbiology

Analyte	Result	Limits	Units	LOQ	Batch	Analyze	Method	Status	Notes
E.coli	< LOQ		cfu/g	10	2110550	11/25/21	AOAC 991.14 (Petrifilm)	X, I	
Total Coliforms	< LOQ		cfu/g	10	2110550	11/25/21	AOAC 991.14 (Petrifilm)	X, I	
Mold (RAPID Petrifilm)	< LOQ		cfu/g	10	2110551	11/26/21	AOAC 2014.05 (RAPID)	X, I	
Yeast (RAPID Petrifilm)	< LOQ		cfu/g	10	2110551	11/26/21	AOAC 2014.05 (RAPID)	X, I	



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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.

**Units of Measure**

cfu/g = Colony forming units per gram

% 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



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ETZHAYIM 21-013453



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

**Cannabis Chain of Custody Form**

AP ID: OR100028

Analysis Request												Etz Hayim Holdings					
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-DJ09(A)-BLM.LC50	10/29 1600			X										topical			Laz Nat Discount
FORM-DJ09(A)-BLM.LC50	10/28 1600								X	X				topical			
FORM-DJ09(A)-BLM.LC50	10/28 1600	X			X						X			topical			potency first

Purchase Order Number:  
Project Number:  
Project Name:  
 Report Instructions:  
 Send to State - METRC  
 Email Final Results:  
 Fax Final Results  
 Cash/Check/CC/Net 30  
Other:

Collected By:	Relinquished By:	Date	Time	Received by:	Date	Time	Lab Use Only:
<input checked="" type="checkbox"/> Standard (5 day)							Client Alias:
<input type="checkbox"/> Rush (3-4 day) (1.5x Standard)							Order Number:
<input type="checkbox"/> Priority Rush (2 day) (2x Standard)							Proper Container
							Sample Condition
							Temperature: 20.8°C
							Shipped Via: C.I. Int
							Evidence of cooling: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

SUBMISSION OF SAMPLES WITH TESTING REQUIREMENTS TO PIXIS WILL BE UNDERSTOOD TO BE AN AGREEMENT FOR SERVICES IN ACCORDANCE WITH THE CONDITIONS LISTED ON THE BACK OF THIS FORM  
Revision: 1.02 Control#: CF023 Effective 01/31/2019 Revised 01/31/2019 www.pixislabs.com Page 1 of 2



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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.
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**Report Number:** 21-013455/D004.R000  
**Report Date:** 12/01/2021  
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**Purchase Order:**  
**Received:** 11/15/21 15:07

**Customer:** Etz Hayim Holdings  
**Product identity:** FORM-DK04.GEL.MSL20  
**Client/Metric ID:** .  
**Laboratory ID:** 21-013455-0003

### Summary

#### Residual Solvents:

Analyte	Result (µg/g)	Limits (µg/g)	Status
Ethanol <sup>†</sup>	4610		
2-Propanol (IPA)	653	5000	pass

#### Pesticides:

*All analytes passing and less than LOQ.*

#### Metals:

*Less than LOQ for all analytes.*



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 Portland, OR 97230  
 503-254-1794

**Report Number:** 21-013455/D004.R000  
**Report Date:** 12/01/2021  
**ORELAP#:** OR100028  
**Purchase Order:**  
**Received:** 11/15/21 15:07



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

**Product identity:** FORM-DK04.GEL.MSL20

**Client/Metric ID:** .

**Sample Date:**

**Laboratory ID:** 21-013455-0003

**Evidence of Cooling:** No

**Temp:** 20.8 °C

**Relinquished by:** Client

### Sample Results

Solvents		Method Residual Solvents by GC/MS				Units µg/g	Batch 2110633	Analyze 11/29/21 09:43 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)	653	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		Ethanol <sup>1</sup>	4610		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							





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Pesticides											
Method AOAC 2007.01 & EN 15662 (mod) Units mg/kg Batch 2110669 Analyze 11/29/21 04:14 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	
Bifenazate	< 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		Etoxazole	< 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		Paclobutrazole	< 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	0.0363	2110712	11/30/21	AOAC 2013.06 (mod.)	pass	X	
Cadmium	< LOQ	0.200	mg/kg	0.0363	2110712	11/30/21	AOAC 2013.06 (mod.)	pass	X	
Lead	< LOQ	0.500	mg/kg	0.0363	2110712	11/30/21	AOAC 2013.06 (mod.)	pass	X	
Mercury	< LOQ	0.100	mg/kg	0.0182	2110712	11/30/21	AOAC 2013.06 (mod.)	pass	X	



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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**

µg/g = Microgram per gram

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

% wt = µg/g divided by 10,000

**Glossary of Qualifiers**

X: Not ORELAP accredited.

Approved Signatory

Derrick Tanner  
General Manager



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ETZHAYIM 21-013453



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

**Cannabis Chain of Custody Form**

AP ID: OR100028

Analysis Request												Etz Hayim Holdings					
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-DJ09(A)-BLM.LC50	10/29 1600			X										topical			Laz Nat Discount
FORM-DJ09(A)-BLM.LC50	10/28 1600								X	X				topical			
FORM-DJ09(A)-BLM.LC50	10/28 1600	X			X						X			topical			potency first

Purchase Order Number:  
Project Number:  
Project Name:  
 Report Instructions:  
 Send to State - METRC  
 Email Final Results:  
 Fax Final Results  
 Cash/Check/CC/Net 30  
Other:

Collected By:	Relinquished By:	Date	Time	Received by:	Date	Time	Lab Use Only:
<input checked="" type="checkbox"/> Standard (5 day)							Client Alias:
<input type="checkbox"/> Rush (3-4 day) (1.5x Standard)							Order Number:
<input type="checkbox"/> Priority Rush (2 day) (2x Standard)							Proper Container
							Sample Condition
							Temperature: 20.8°C
							Shipped Via: C.I. Int
							Evidence of cooling: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

SUBMISSION OF SAMPLES WITH TESTING REQUIREMENTS TO PIXIS WILL BE UNDERSTOOD TO BE AN AGREEMENT FOR SERVICES IN ACCORDANCE WITH THE CONDITIONS LISTED ON THE BACK OF THIS FORM  
Revision: 1.02 Control#: CF023 Effective 01/31/2019 Revised 01/31/2019 www.pixislabs.com Page 1 of 2



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**Report Number:** 21-013455/D004.R000  
**Report Date:** 12/01/2021  
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**Purchase Order:**  
**Received:** 11/15/21 15:07

Revision: Document ID  
 Legacy ID: Effective:

Laboratory Quality Control Results

Batch ID: 2110633

Residual Solvents		Method Blank		Laboratory Control Sample					
Analyte	Result	LOQ	Notes	Result	Spike	Units	%Rec	Limits	Notes
Propane	ND	< 200		1000	948	µg/g	105.3	70	130
Isobutane	ND	< 200		1280	1286	µg/g	101.6	70	130
Butane	ND	< 200		1300	1286	µg/g	103.2	70	130
2,2-Dimethylpropane	ND	< 200		1790	1600	µg/g	111.9	70	130
Methanol	ND	< 200		1650	1610	µg/g	102.5	70	130
Ethylene Oxide	ND	< 30		108	95.7	µg/g	110.8	70	130
2-Methyl butane	ND	< 200		1680	1610	µg/g	104.3	70	130
Pentane	ND	< 200		1620	1610	µg/g	100.6	70	130
Ethanol	ND	< 200		1640	1610	µg/g	101.9	70	130
Ethyl Ether	ND	< 200		1520	1610	µg/g	94.4	70	130
2,2-Dimethylbutane	ND	< 30		147	164	µg/g	89.6	70	130
Acetone	ND	< 200		1510	1610	µg/g	93.8	70	130
2-Propanol	ND	< 200		1570	1610	µg/g	97.5	70	130
Aceton trile	ND	< 100		430	484	µg/g	88.8	70	130
2,3-Dimethylbutane	ND	< 30		181	167	µg/g	108.4	70	130
Dichloromethane	ND	< 60		468	491	µg/g	95.5	70	130
2-Methylpentane	ND	< 30		168	165	µg/g	101.8	70	130
3-Methylpentane	ND	< 30		170	172	µg/g	98.8	70	130
Hexane	ND	< 30		157	167	µg/g	94.0	70	130
Ethyl acetate	ND	< 200		1490	1610	µg/g	92.5	70	130
2-Butanol	ND	< 200		1470	1610	µg/g	91.3	70	130
Tetrahydrofuran	ND	< 100		448	483	µg/g	92.8	70	130
Cyclohexane	ND	< 200		1470	1610	µg/g	91.3	70	130
Benzene	ND	< 1		4.78	5.38	µg/g	88.8	70	130
Isopropyl Acetate	ND	< 200		1610	1620	µg/g	99.4	70	130
Heptane	ND	< 200		1470	1610	µg/g	91.3	70	130
1,4-Dioxane	ND	< 100		412	488	µg/g	84.3	70	130
2-Ethoxyethanol	ND	< 30		147	167	µg/g	88.0	70	130
Ethylene Glycol	ND	< 200		430	504	µg/g	85.3	70	130
Toluene	ND	< 200		396	484	µg/g	81.8	70	130
Ethyl benzene	ND	< 200		764	968	µg/g	78.9	70	130
m-p-Xylene	ND	< 200		788	977	µg/g	80.7	70	130
o-Xylene	ND	< 200		779	982	µg/g	79.3	70	130
Cumene	ND	< 30		134	169	µg/g	76.9	70	130



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Revision: Document ID  
 Legacy ID: Effective:

CC - Simple Duplicate Sample ID: 21-013815-0001

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-Methyl butane	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	
Acetonitrile	ND	ND	100	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	
3-Methylpentane	ND	ND	30	µg/g	0.0	< 20	Acceptable	
Hexane	ND	ND	30	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	
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	
1,4-Dioxane	ND	ND	100	µg/g	0.0	< 20	Acceptable	
2-Ethoxyethanol	ND	ND	30	µg/g	0.0	< 20	Acceptable	
Ethylene Glycol	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Toluene	ND	ND	200	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	

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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Revision: 2 Document ID: 3120  
Legacy ID: CFL-C21Effective:

Laboratory Pesticide Quality Control Results

Table with columns: Analyte, Result, MS Res, MSD Res, Spike, RPD%, Limit, MS % Rec, MSD % Rec, Limits, Notes. Includes header information: AOAC 2007.1 & EN 15662, Units: mg/Kg, Batch ID: 2110669, Sample ID: 21-013695-0001.

www.columbialaboratories.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 333-007-0400 OAR 333-007-0410





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Revision: 2 Document ID: 3120  
 Legacy ID: CFL-C21Effective:

Laboratory Pesticide Quality Control Results

AOAC 2007.1 & EN 15662		Units: mg/Kg		Batch ID: 2110669				
Method Blank		Laboratory Control Sample						
Analyte	Blank Result	Blank Limits	Notes	LCS Result	LCS Spike	LCS % Rec	Limits	Notes
Accephate	0.000	< 0.250		0.953	1.000	95.3	71.9 - 134	
Accequinocyl	0.000	< 1.000		3.324	4.000	83.1	73.8 - 137	
Acetamiprid	0.000	< 0.100		0.419	0.400	104.6	75.0 - 139	
Aldicarb	0.000	< 0.200		0.819	0.800	102.4	87.3 - 162	
Abamectin	0.000	< 0.250		1.045	1.000	104.5	77.1 - 143	
Azoxystrobin	0.000	< 0.100		0.411	0.400	102.7	72.6 - 135	
Bifenazate	0.000	< 0.100		0.406	0.400	101.6	75.1 - 140	
Bifenthrin	0.000	< 0.100		0.429	0.400	107.3	72.0 - 134	
Boscalid	0.000	< 0.200		0.858	0.800	107.2	75.3 - 140	
Carbaryl	0.000	< 0.100		0.425	0.400	106.1	74.7 - 139	
Carbofuran	0.000	< 0.100		0.424	0.400	106.0	74.2 - 138	
Chlorantraniliprol	0.000	< 0.100		0.399	0.400	99.8	70.3 - 130	
Chlorfenapyr	0.000	< 0.500		2.351	2.000	117.6	74.0 - 137	
Chlorpyrifos	0.000	< 0.100		0.405	0.400	101.3	71.5 - 133	
Clofentezine	0.000	< 0.100		0.093	0.400	23.3	42.9 - 79.6	Q6
Cyfluthrin	0.000	< 0.500		2.209	2.000	110.5	79.2 - 147	
Cypermethrin	0.000	< 0.500		2.166	2.000	108.3	77.4 - 144	
Daminozide	0.019	< 0.500		0.699	2.000	34.9	27.3 - 50.7	
Diazinon	0.000	< 0.100		0.426	0.400	106.6	76.0 - 141	
Dichlorvos	0.000	< 0.500		2.432	2.000	121.6	81.5 - 151	
Dimethoat	0.000	< 0.100		0.426	0.400	106.5	73.8 - 137	
Ethoprophos	0.000	< 0.100		0.421	0.400	105.4	74.7 - 139	
Etofenprox	0.000	< 0.200		1.074	0.800	134.3	73.3 - 136	
Etoxazol	0.000	< 0.100		0.410	0.400	102.5	88.0 - 163	
Fenoxycarb	0.000	< 0.100		0.439	0.400	109.6	73.3 - 136	
Fenpyroximat	0.000	< 0.200		0.824	0.800	102.9	72.8 - 135	
Fipronil	0.000	< 0.200		0.869	0.800	108.6	73.9 - 137	
Fonicamid	0.000	< 0.250		1.109	1.000	110.9	75.9 - 141	
Fludioxonil	0.000	< 0.200		0.811	0.800	101.3	76.4 - 142	
Hexythiazox	0.000	< 0.250		1.015	1.000	101.5	70.8 - 132	
Imazalil	0.000	< 0.100		0.402	0.400	100.4	72.2 - 134	
Imidacloprid	0.000	< 0.200		0.825	0.800	103.1	74.6 - 139	
Kresoxim-Methyl	0.000	< 0.200		0.816	0.800	101.9	74.3 - 138	
Malathion	0.000	< 0.100		0.433	0.400	108.3	74.1 - 138	
Metaxalyl	0.007	< 0.100		0.417	0.400	104.3	74.0 - 137	
Methiocarb	0.022	< 0.100		0.417	0.400	104.3	74.9 - 139	
Methomyl	0.000	< 0.200		0.833	0.800	104.2	72.3 - 134	
MGK 264	0.000	< 0.100		0.434	0.400	108.5	76.0 - 141	
Myclobutanil	0.000	< 0.100		0.411	0.400	102.8	73.7 - 137	
Naled	0.000	< 0.250		0.206	1.000	20.6	38.6 - 71.7	Q6
Oxamyl	0.000	< 0.500		2.082	2.000	104.1	73.3 - 136	
Paclobutrazol	0.000	< 0.200		0.832	0.800	104.0	74.4 - 138	
Parathion Methyl	0.000	< 0.200		0.886	0.800	110.7	72.5 - 135	
Permethrin	0.000	< 0.100		0.415	0.400	103.8	74.9 - 139	
Phosmet	0.000	< 0.100		0.402	0.400	100.5	74.0 - 137	
Piperonyl butoxide	0.000	< 0.500		2.124	2.000	106.2	75.1 - 140	
Prallethrin	0.000	< 0.100		0.448	0.400	112.0	72.5 - 135	
Propiconazole	0.000	< 0.200		0.860	0.800	107.6	75.5 - 140	
Propoxur	0.012	< 0.100		0.416	0.400	104.1	73.7 - 137	
Pyrethrins	0.003	< 0.100		0.034	0.100	33.9	72.2 - 134	Q6
Pyridaben	0.000	< 0.100		0.468	0.400	117.0	76.4 - 142	
Spinosad	0.000	< 0.100		0.422	0.388	108.9	75.8 - 141	
Spiromesifen	0.000	< 0.100		0.430	0.400	107.5	75.4 - 140	
Spirotetramat	0.000	< 0.100		0.413	0.400	103.2	72.8 - 135	
Spiroxamine	0.000	< 0.200		0.856	0.800	106.9	72.7 - 135	
Tebuconazol	0.000	< 0.200		0.850	0.800	106.2	74.1 - 138	
Thiadoprid	0.000	< 0.100		0.411	0.400	102.7	74.4 - 138	
Thiamethoxam	0.000	< 0.100		0.434	0.400	108.5	74.0 - 137	
Trifloxystrobin	0.000	< 0.100		0.408	0.400	102.1	73.9 - 137	



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



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**Purchase Order:**  
**Received:** 11/15/21 15:07

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.