



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



Report Number: 22-012639/D002.R000
Report Date: 10/25/2022
ORELAP#: OR100028
Purchase Order:
Received: 10/18/22 15:46

Customer: Etz Hayim Holdings
Product identity: FORM-CAP.SLP50-EH09
Client/Metric ID: .
Laboratory ID: 22-012639-0001

Summary

Potency:

Analyte per 1g	Result	Limits	Units	Status	CBD-Total per Serving Size 79.3 mg/1g	
CBC per 1g	1.53		mg/1g			
CBD per 1g	79.3		mg/1g			
CBDV per 1g	0.747		mg/1g		THC-Total per Serving Size 1.48 mg/1g	
CBG per 1g	26.3		mg/1g			
CBL per 1g	0.143		mg/1g			
CBN per 1g	27.6		mg/1g			
CBT per 1g	0.843		mg/1g			
Δ9-THC per 1g	1.48		mg/1g		(Reported in milligrams per serving)	

Residual Solvents:

All analytes passing and less than LOQ.

Pesticides:

All analytes passing and less than LOQ.

Metals:

Analyte	Result	Units	Limit	Status	Analyte	Result	Units	Limit	Status
Lead	0.425	mg/kg	0.500	pass	Cadmium	0.0608	mg/kg	0.200	pass
Arsenic	0.0608	mg/kg	0.200	pass					

Microbiology:

Less than LOQ for all analytes.



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Customer: Etz Hayim Holdings
16427 NE Airport Way
PORTLAND 97230
United States of America (USA)
Product identity: FORM-CAP.SLP50-EH09
Client/Metric ID: .
Sample Date:
Laboratory ID: 22-012639-0001
Evidence of Cooling: No
Temp: 22.4 °C
Relinquished by: Client
Serving Size #1: 1 g

Sample Results

Potency per 1g	Method: J AOAC 2015 V98-6 (mod) ^b		Units mg/se	Batch: 2209020	Analyze: 10/20/22 4:20:00 PM
Analyte	Result	Limits	Units	LOQ	Notes
CBC per 1g	1.53		mg/1g	0.0316	
CBC-A per 1g	< LOQ		mg/1g	0.0316	
CBC-Total per 1g	1.53		mg/1g	0.0594	
CBD per 1g	79.3		mg/1g	0.316	
CBD-A per 1g	< LOQ		mg/1g	0.0316	
CBD-Total per 1g	79.3		mg/1g	0.344	
CBDV per 1g	0.747		mg/1g	0.0316	
CBDV-A per 1g	< LOQ		mg/1g	0.0316	
CBDV-Total per 1g	0.747		mg/1g	0.0591	
CBE per 1g	< LOQ		mg/1g	0.0316	
CBG per 1g	26.3		mg/1g	0.316	
CBG-A per 1g	< LOQ		mg/1g	0.0316	
CBG-Total per 1g	26.3		mg/1g	0.344	
CBL per 1g	0.143		mg/1g	0.0316	
CBL-A per 1g	< LOQ		mg/1g	0.0316	
CBL-Total per 1g	0.143		mg/1g	0.0594	
CBN per 1g	27.6		mg/1g	0.316	
CBT per 1g	0.843		mg/1g	0.0316	
Δ8-THCV per 1g	< LOQ		mg/1g	0.0316	
Δ10-THC per 1g	< LOQ		mg/1g	0.0316	
Δ8-THC per 1g	< LOQ		mg/1g	0.0316	
Δ9-THC per 1g	1.48		mg/1g	0.0316	
exo-THC per 1g	< LOQ		mg/1g	0.0316	
THC-A per 1g	< LOQ		mg/1g	0.0316	
THC-Total per 1g	1.48		mg/1g	0.0594	
THCV per 1g	< LOQ		mg/1g	0.0316	
THCV-A per 1g	< LOQ		mg/1g	0.0316	
THCV-Total per 1g	< LOQ		mg/1g	0.0594	
Total Cannabinoids per 1g	138		mg/1g		



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Microbiology

Analyte	Result	Limits	Units	LOQ	Batch	Analyzed Method	Status	Notes
E.coli	< LOQ		cfu/g	10	2208902	10/21/22 AOAC 991.14 (Petrifilm) ^P		
Total Coliforms	< LOQ		cfu/g	10	2208902	10/21/22 AOAC 991.14 (Petrifilm) ^P		
Mold (RAPID Petrifilm)	< LOQ		cfu/g	10	2208903	10/22/22 AOAC 2014.05 (RAPID) ^P		
Yeast (RAPID Petrifilm)	< LOQ		cfu/g	10	2208903	10/22/22 AOAC 2014.05 (RAPID) ^P		

Solvents

Method: Residual Solvents by GC/MS^b **Units** µg/g **Batch** 2209085 **Analyze** 10/24/22 11:46 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							



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Pesticides		Method: AOAC 2007.01 & EN 15662 (mod) ^b				Units mg/kg	Batch 2208993	Analyze 10/21/22 08:50 AM			
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		Flonicamid [¥]	< 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	Analyzed Method		Status	Notes
Arsenic	0.0608	0.200	mg/kg	0.0197	2209005	10/20/22	AOAC 2013.06 (mod.) ^b	pass	
Cadmium	0.0608	0.200	mg/kg	0.0197	2209005	10/20/22	AOAC 2013.06 (mod.) ^b	pass	
Lead	0.425	0.500	mg/kg	0.0197	2209005	10/20/22	AOAC 2013.06 (mod.) ^b	pass	
Mercury	< LOQ	0.100	mg/kg	0.00983	2209005	10/20/22	AOAC 2013.06 (mod.) ^b	pass	



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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.

Ⓟ = ISO/IEC 17025:2017 accredited method.

* = TNI accredited analyte.

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

Approved Signatory

Derrick Tanner
General Manager



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

Cannabis Chain of Custody Record

ORELAP ID: OR100028

Field ID		Date/Time Collected		Analysis Requested											Purchase Order Number:				
				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-CAP.SLP50-EH09		10/17	4:59			X										Powder		mg/g	Rush Potency
FORM-CAP.SLP50-EH09		10/17	4:59	X			X				X	X	X			Powder			Parallel Path

Collected By:	Relinquished By:	Date	Time	Received by:	Date	Time	Lab Use Only:
☐ Standard (5 day)							Client Alias:
☐ Rush (3-4 day) (1.5x Standard)							Order Number:
☒ Priority Rush (2 day) (2x Standard)							Proper Container
							Sample Condition <i>5</i>
							Temperature: <i>22.4</i>
							Shipped Via:
							Evidence of cooling: ☐ Yes ☒ 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

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Page 1 of 2



12423 NE Whitaker Way
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Laboratory Pesticide Quality Control Results

AOAC 2007.1 & EN 15662			Units: mg/Kg		Batch ID: 2208993				
Method Blank				Laboratory Control Sample					
Analyte	Blank Result	Blank Limits	Notes	LCS Result	LCS Spike	LCS % Rec	Limits	Notes	
Abamectin	0.000	< 0.250		0.702	1.000	70.2	50.0 150		
Acephate	0.023	< 0.250		0.893	1.000	89.3	60.0 120		
Acequinocyl	0.000	< 1.000		2.543	4.000	63.6	40.0 160		
Acetamiprid	0.000	< 0.100		0.346	0.400	86.4	60.0 120		
Aldicarb	0.000	< 0.200		0.701	0.800	87.6	60.0 120		
Azoxystrobin	0.000	< 0.100		0.267	0.400	66.8	60.0 120		
Bifenazate	0.000	< 0.100		0.254	0.400	63.6	60.0 120		
Bifenthrin	0.000	< 0.100		0.265	0.400	66.2	50.0 150		
Boscalid	0.000	< 0.200		0.556	0.800	69.6	60.0 120		
Carbaryl	0.000	< 0.100		0.315	0.400	78.8	60.0 120		
Carbofuran	0.000	< 0.100		0.347	0.400	86.7	60.0 120		
Chlorantraniliprole	0.000	< 0.100		0.270	0.400	67.5	60.0 120		
Chlorfenapyr	0.000	< 0.500		1.437	2.000	71.8	60.0 120		
Chlorpyrifos	0.000	< 0.100		0.268	0.400	66.9	60.0 120		
Clofentazine	0.000	< 0.100		0.222	0.400	55.6	60.0 120	Q6	
Cyfluthrin	0.000	< 0.500		1.526	2.000	76.3	50.0 150		
Cypermethrin	0.000	< 0.500		1.448	2.000	72.4	50.0 150		
Daminozide	0.000	< 0.500		0.652	2.000	32.6	60.0 120	Q6	
Diazinon	0.000	< 0.100		0.265	0.400	66.2	60.0 120		
Dichlorvos	0.069	< 0.500		1.812	2.000	90.6	60.0 120		
Dimethoate	0.000	< 0.100		0.356	0.400	89.0	60.0 120		
Ethoprophos	0.000	< 0.100		0.300	0.400	75.0	60.0 120		
Etofenprox	0.000	< 0.200		0.537	0.800	67.2	50.0 150		
Etiozazole	0.000	< 0.100		0.259	0.400	64.7	60.0 120		
Fenoxycarb	0.000	< 0.100		0.270	0.400	67.6	60.0 120		
Fenpyroximate	0.000	< 0.200		0.554	0.800	69.3	60.0 120		
Fipronil	0.000	< 0.200		0.545	0.800	68.1	60.0 120		
Fonicamid	0.000	< 0.250		0.891	1.000	89.1	60.0 120		
Fludioxonil	0.000	< 0.200		0.590	0.800	73.7	50.0 150		
Hexythiazox	0.000	< 0.250		0.645	1.000	64.5	60.0 120		
Imazalil	0.000	< 0.100		0.245	0.400	61.4	60.0 120		
Imidacloprid	0.000	< 0.200		0.663	0.800	82.9	60.0 120		
Kresoxim methyl	0.000	< 0.200		0.519	0.800	64.9	60.0 120		
Malathion	0.000	< 0.100		0.276	0.400	69.0	60.0 120		
Metaxalyl	0.000	< 0.100		0.322	0.400	80.5	60.0 120		
Methiocarb	0.000	< 0.100		0.289	0.400	72.3	60.0 120		
Methomyl	0.000	< 0.200		0.746	0.800	93.3	60.0 120		
MGK 264	0.000	< 0.100		0.267	0.400	66.7	50.0 150		
Myclobutanil	0.000	< 0.100		0.282	0.400	70.5	60.0 120		
Naled	0.000	< 0.250		0.551	1.000	55.1	50.0 150		
Oxamyl	0.000	< 0.500		1.743	2.000	87.2	60.0 120		
Paclobutrazole	0.000	< 0.200		0.554	0.800	69.3	60.0 120		
Parathion Methyl	0.000	< 0.200		0.631	0.800	78.8	50.0 150		
Permethrin	0.000	< 0.100		0.269	0.400	67.2	50.0 150		
Phosmet	0.000	< 0.100		0.274	0.400	68.4	50.0 150		
Piperonyl butoxide	0.000	< 0.500		1.288	2.000	64.4	60.0 120		
Prallethrin	0.000	< 0.100		0.262	0.400	65.6	60.0 120		
Propiconazole	0.000	< 0.200		0.513	0.800	64.2	60.0 120		
Propoxur	0.008	< 0.100		0.332	0.400	83.1	60.0 120		
Pyrethrin (Summe)	0.000	< 0.100		0.282	0.413	68.4	60.0 120		
Pyridaben	0.000	< 0.100		0.267	0.400	66.8	50.0 150		
Spinosad	0.000	< 0.100		0.256	0.388	66.0	50.0 150		
Spiromesifen	0.000	< 0.100		0.275	0.400	68.7	60.0 120		
Spirotetramat	0.000	< 0.100		0.264	0.400	66.0	60.0 120		
Spiroxamine	0.000	< 0.200		0.515	0.800	64.3	60.0 120		
ebuconazole	0.000	< 0.200		0.522	0.800	65.3	60.0 120		
hiacloprid	0.000	< 0.100		0.323	0.400	80.8	60.0 120		
hiamethoxam	0.000	< 0.100		0.347	0.400	86.7	60.0 120		
rifloxystrobin	0.000	< 0.100		0.262	0.400	65.4	60.0 120		



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Legacy D C L C2 Wo ks ee Va da ed 0/30/2020

Laboratory Pesticide Quality Control Results

AOAC 2007.1 & EN 15662										
Units: mg/Kg										
Batch ID: 2208993										
Matrix Spike/Matrix Spike Duplicate Recoveries										
Sample ID: 22-012222-0001										
Analyte	Result	MS Res	MSD Res	Spike	RPD%	Limit	MS % Rec	MSD % Rec	Limits	Notes
Abamectin	0.000	0.906	0.845	1.000	6.9%	< 30	90.6%	84.5%	50 150	
Acephate	0.000	0.436	0.479	1.000	9.6%	< 30	43.6%	47.9%	50 150	Q
Acequinocyl	0.000	3.266	3.230	4.000	1.1%	< 30	81.7%	80.7%	50 150	
Acetamiprid	0.000	0.479	0.469	0.400	2.1%	< 30	119.7%	117.1%	50 150	
Aldicarb	0.000	0.924	0.880	0.800	4.8%	< 30	115.4%	110.0%	50 150	
Azoxystrobin	0.000	0.405	0.401	0.400	1.1%	< 30	101.3%	100.2%	50 150	
Bifenazate	0.000	0.387	0.378	0.400	2.6%	< 30	96.9%	94.4%	50 150	
Bifenthrin	0.000	0.363	0.356	0.400	1.8%	< 30	90.6%	89.0%	50 150	
Boscalid	0.000	0.698	0.676	0.800	3.3%	< 30	87.3%	84.5%	50 150	
Carbaryl	0.000	0.409	0.403	0.400	1.5%	< 30	102.2%	100.6%	50 150	
Carbofuran	0.000	0.269	0.261	0.400	3.0%	< 30	67.3%	65.3%	50 150	
Chlorantraniliprole	0.000	0.361	0.362	0.400	0.2%	< 30	90.4%	90.6%	50 150	
Chlorfenvapir	0.000	1.807	1.859	2.000	2.8%	< 30	90.4%	92.9%	50 150	
Chlorpyrifos	0.000	0.375	0.368	0.400	1.9%	< 30	93.8%	92.1%	50 150	
Clofentazine	0.000	0.346	0.324	0.400	6.5%	< 30	86.5%	81.1%	50 150	
Cyfluthrin	0.000	1.712	1.746	2.000	2.0%	< 30	85.6%	87.3%	30 150	
Cypermethrin	0.000	1.669	1.649	2.000	1.2%	< 30	83.4%	82.4%	50 150	
Daminozide	0.000	2.620	3.352	2.000	24.5%	< 30	131.0%	167.6%	30 150	Q
Diazinon	0.000	0.384	0.386	0.400	0.4%	< 30	96.1%	96.5%	50 150	
Dichlorvos	0.000	1.035	1.010	2.000	2.4%	< 30	51.7%	50.5%	50 150	
Dimethoate	0.000	0.427	0.423	0.400	0.8%	< 30	106.7%	105.8%	50 150	
Ethoprophos	0.000	0.377	0.369	0.400	2.2%	< 30	94.3%	92.2%	50 150	
Etofenprox	0.005	0.732	0.728	0.800	0.6%	< 30	90.9%	90.3%	50 150	
Etoxadole	0.000	0.373	0.355	0.400	5.1%	< 30	93.3%	88.6%	50 150	
Fenoxycarb	0.000	0.388	0.381	0.400	2.0%	< 30	97.1%	95.2%	50 150	
Fenpyroximate	0.000	0.718	0.682	0.800	5.1%	< 30	89.7%	85.3%	50 150	
Fipronil	0.000	0.755	0.744	0.800	1.5%	< 30	94.4%	93.0%	50 150	
Flonicamid	0.000	0.882	0.855	1.000	3.1%	< 30	88.2%	85.5%	50 150	
Fludioxonil	0.000	0.783	0.769	0.800	1.8%	< 30	97.9%	96.1%	50 150	
Hexythiazox	0.000	0.986	0.957	1.000	3.0%	< 30	98.6%	95.7%	50 150	
Imazalil	0.000	0.418	0.418	0.400	0.0%	< 30	104.4%	104.5%	50 150	
Imidacloprid	0.000	0.557	0.556	0.800	0.1%	< 30	69.6%	69.5%	50 150	
Kresoxim methyl	0.000	0.750	0.769	0.800	2.5%	< 30	93.7%	96.1%	50 150	
Malathion	0.000	0.402	0.389	0.400	3.3%	< 30	100.5%	97.2%	50 150	
Metaxyl	0.000	0.392	0.390	0.400	0.5%	< 30	98.0%	97.4%	50 150	
Methiocarb	0.030	0.335	0.329	0.400	2.0%	< 30	76.3%	74.8%	50 150	
Methomyl	0.000	0.779	0.765	0.800	1.8%	< 30	97.3%	95.6%	50 150	
MGK 264	0.000	0.396	0.374	0.400	5.7%	< 30	99.0%	93.4%	50 150	
Myclobutanil	0.000	0.381	0.378	0.400	0.7%	< 30	95.1%	94.5%	50 150	
Naled	0.000	1.041	1.009	1.000	3.1%	< 30	104.1%	100.9%	50 150	
Oxamyl	0.000	2.027	1.824	2.000	10.6%	< 30	101.4%	91.2%	50 150	
Paclobutrazole	0.000	0.709	0.689	0.800	2.8%	< 30	88.6%	86.2%	50 150	
Parathion Methyl	0.000	0.859	0.752	0.800	13.2%	< 30	107.4%	94.0%	30 150	
Permethrin	0.001	0.351	0.350	0.400	0.5%	< 30	87.5%	87.1%	50 150	
Phosmet	0.000	0.322	0.314	0.400	2.5%	< 30	80.4%	78.4%	50 150	
Piperonyl butoxide	0.000	1.849	1.809	2.000	2.2%	< 30	92.4%	90.4%	50 150	
Prallethrin	0.000	0.372	0.377	0.400	1.3%	< 30	93.1%	94.3%	50 150	
Propiconazole	0.000	0.787	0.773	0.800	1.8%	< 30	98.3%	96.6%	50 150	
Propoxur	0.000	0.228	0.232	0.400	1.9%	< 30	56.9%	58.0%	50 150	
Pyrethrin (Summe)	0.000	0.377	0.377	0.413	0.0%	< 30	91.3%	91.4%	50 150	
Pyridaben	0.000	0.367	0.357	0.400	2.8%	< 30	91.8%	89.3%	50 150	
Spirosad	0.000	0.370	0.372	0.388	0.4%	< 30	95.5%	95.9%	50 150	
Spiromesifen	0.000	0.387	0.383	0.400	1.0%	< 30	96.8%	95.8%	50 150	
Spirotetramat	0.000	0.383	0.370	0.400	3.6%	< 30	95.8%	92.4%	50 150	
Spiroxamine	0.000	0.780	0.765	0.800	2.0%	< 30	97.5%	95.6%	50 150	
ebuconazole	0.000	0.728	0.725	0.800	0.4%	< 30	91.0%	90.7%	50 150	
hiacloprid	0.000	0.466	0.466	0.400	0.1%	< 30	116.4%	116.5%	50 150	
hiamethoxam	0.000	0.343	0.327	0.400	4.7%	< 30	85.8%	81.9%	50 150	
rifloxystrobin	0.000	0.369	0.366	0.400	0.8%	< 30	92.3%	91.6%	50 150	



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



Report Number: 22-012639/D002.R000
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Revision 1 Document D 7148
Legacy D Worksheet Validated 04/20/2021

Laboratory Quality Control Results

J AOAC 2015 V98-6 Batch ID: 2209090

Laboratory Control Sample									
Analyte	LCS	Result	Spike	Units	% Rec	Limits	Evaluation	Notes	
CBDVA	2	0.0342	0.034	%	102	80.0 - 120	Acceptable		
CBDV	2	0.0368	0.037	%	101	80.0 - 120	Acceptable		
CBE	2	0.0344	0.034	%	101	80.0 - 120	Acceptable		
CBDA	1	0.0325	0.033	%	97.2	90.0 - 110	Acceptable		
CBGA	1	0.0326	0.034	%	97.2	80.0 - 120	Acceptable		
CBG	1	0.0338	0.034	%	98.5	80.0 - 120	Acceptable		
CBD	1	0.0331	0.034	%	96.8	90.0 - 110	Acceptable		
THCV	2	0.0348	0.035	%	98.8	80.0 - 120	Acceptable		
d8THCV	2	0.0350	0.035	%	99.1	80.0 - 120	Acceptable		
THCVA	2	0.0330	0.033	%	100	80.0 - 120	Acceptable		
CBN	1	0.0327	0.034	%	97.2	90.0 - 110	Acceptable		
exo-THC	2	0.0331	0.034	%	96.2	80.0 - 120	Acceptable		
d9THC	1	0.0332	0.035	%	96.3	90.0 - 110	Acceptable		
d8THC	1	0.0328	0.033	%	98.0	90.0 - 110	Acceptable		
CBL	2	0.0302	0.032	%	93.5	80.0 - 120	Acceptable		
d10THC	1	0.0291	0.032	%	91.1	80.0 - 120	Acceptable		
CBG	2	0.0346	0.036	%	96.5	80.0 - 120	Acceptable		
THCA	1	0.0336	0.033	%	101	90.0 - 110	Acceptable		
CBGA	2	0.0344	0.034	%	100	80.0 - 120	Acceptable		
CBLA	2	0.0341	0.035	%	97.9	80.0 - 120	Acceptable		
CBT	2	0.0324	0.036	%	90.3	80.0 - 120	Acceptable		

Method Blank

Analyte	Result	LOQ	Units	Limits	Evaluation	Notes
CBDVA	<LOQ	0.0006	%	< 0.0006	Acceptable	
CBDV	<LOQ	0.0006	%	< 0.0006	Acceptable	
CBE	<LOQ	0.0006	%	< 0.0006	Acceptable	
CBDA	<LOQ	0.0006	%	< 0.0006	Acceptable	
CBGA	<LOQ	0.0006	%	< 0.0006	Acceptable	
CBG	<LOQ	0.0006	%	< 0.0006	Acceptable	
CBD	<LOQ	0.0006	%	< 0.0006	Acceptable	
THCV	<LOQ	0.0006	%	< 0.0006	Acceptable	
d8THCV	<LOQ	0.0006	%	< 0.0006	Acceptable	
THCVA	<LOQ	0.0006	%	< 0.0006	Acceptable	
CBN	<LOQ	0.0006	%	< 0.0006	Acceptable	
exo-THC	<LOQ	0.0006	%	< 0.0006	Acceptable	
d9THC	<LOQ	0.0006	%	< 0.0006	Acceptable	
d8THC	<LOQ	0.0006	%	< 0.0006	Acceptable	
CBL	<LOQ	0.0006	%	< 0.0006	Acceptable	
d10THC	<LOQ	0.0006	%	< 0.0006	Acceptable	
CBG	<LOQ	0.0006	%	< 0.0006	Acceptable	
THCA	<LOQ	0.0006	%	< 0.0006	Acceptable	
CBGA	<LOQ	0.0006	%	< 0.0006	Acceptable	
CBLA	<LOQ	0.0006	%	< 0.0006	Acceptable	
CBT	<LOQ	0.0006	%	< 0.0006	Acceptable	

Abbreviations

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

Units of Measure:

% - Percent



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



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

Laboratory Quality Control Results

J AOAC 2015 V98-6		Batch ID: 2209090						
Sample Duplicate		Sample ID: 22-012639-0001						
Analyte	Result	Org. Result	LOQ	Units	RPD	Limits	Evaluation	Notes
CBDVA	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBDV	0.0719	0.0747	0.003	%	3.74	< 20	Acceptable	
CBE	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBD	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBGA	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBG	2.59	2.63	0.003	%	1.48	< 20	Acceptable	
CBD	7.87	7.93	0.003	%	0.722	< 20	Acceptable	
THCV	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
Δ8THCV	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
THCVA	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBN	2.69	2.76	0.003	%	2.54	< 20	Acceptable	
exo-THC	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
Δ9THC	0.146	0.148	0.003	%	1.15	< 20	Acceptable	
Δ8THC	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBL	0.0144	0.0143	0.003	%	0.741	< 20	Acceptable	
Δ10THC	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBC	0.152	0.153	0.003	%	0.636	< 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	0.0845	0.0843	0.003	%	0.172	< 20	Acceptable	

Abbreviations

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

Units of Measure:



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



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Revision 2 Document D 7087
Legacy D CFL-E33Effective

Laboratory Quality Control Results

Residual Solvents				Batch ID: 2209085					
Method Blank				Laboratory Control Sample					
Analyte	Result	LOQ	Notes	Result	Spike	Units	% Rec	Limits	Notes
Propane	ND	< 200		568	572	µg/g	99.3	60	120
Isobutane	ND	< 200		762	731	µg/g	104.2	60	120
Butane	ND	< 200		739	731	µg/g	101.1	60	120
2,2 Dimethylpropane	ND	< 200		1070	936	µg/g	114.3	60	120
Methanol	ND	< 200		1840	1650	µg/g	111.5	60	120
Ethylene Oxide	ND	< 30		55.2	56.2	µg/g	98.2	60	120
2 Methylbutane	ND	< 200		1710	1650	µg/g	103.6	60	120
Pentane	ND	< 200		1740	1650	µg/g	105.5	60	120
Ethanol	ND	< 200		1830	1660	µg/g	110.2	70	130
Ethyl Ether	ND	< 200		1770	1630	µg/g	108.6	60	120
2,2 Dimethylbutane	ND	< 30		200	189	µg/g	105.8	60	120
Acetone	ND	< 200		1840	1650	µg/g	111.5	60	120
2 Propanol	ND	< 200		1850	1650	µg/g	112.1	60	120
Ethyl Formate	ND	< 500		1400	1610	µg/g	87.0	70	130
Acetonitrile	ND	< 100		576	504	µg/g	114.3	60	120
Methyl Acetate	ND	< 500		1870	1630	µg/g	114.7	70	130
2,3 Dimethylbutane	ND	< 30		187	174	µg/g	107.5	60	120
2 Methylpentane	ND	< 30		196	187	µg/g	104.8	60	120
M BE	ND	< 500		1720	1600	µg/g	107.5	70	130
3 Methylpentane	ND	< 30		200	188	µg/g	106.4	60	120
Hexane	ND	< 30		202	182	µg/g	111.0	60	120
1 Propanol	ND	< 500		1810	1610	µg/g	112.4	70	130
Methylethylketone	ND	< 500		1820	1600	µg/g	113.8	70	130
Ethyl acetate	ND	< 200		1860	1630	µg/g	114.1	60	120
2 Butanol	ND	< 200		1910	1630	µg/g	117.2	60	120
tetrahydrofuran	ND	< 100		549	506	µg/g	108.5	60	120
Cyclohexane	ND	< 200		1760	1640	µg/g	107.3	60	120
2 methyl 1 propanol	ND	< 500		1620	1620	µg/g	100.0	70	130
Benzene	ND	< 1		5.26	4.93	µg/g	106.7	60	120
Isopropyl Acetate	ND	< 200		1850	1640	µg/g	112.8	60	120
Heptane	ND	< 200		1640	1630	µg/g	100.6	60	120
1 Butanol	ND	< 500		1650	1600	µg/g	103.1	70	130
Propyl Acetate	ND	< 500		1820	1620	µg/g	112.3	70	130
1,4 Dioxane	ND	< 100		545	493	µg/g	110.5	60	120
2 Ethoxyethanol	ND	< 30		207	171	µg/g	121.1	60	120 Q1
Methylisobutylketone	ND	< 500		1570	1620	µg/g	96.9	70	130
3 Methyl 1 butanol	ND	< 500		1630	1610	µg/g	101.2	70	130
Ethylene Glycol	ND	< 200		928	494	µg/g	115.0	60	120
oluene	ND	< 100		555	506	µg/g	109.7	60	120
Isobutyl Acetate	ND	< 500		1710	1620	µg/g	105.6	70	130
1 Pentanol	ND	< 500		1560	1610	µg/g	96.9	70	130
Butyl Acetate	ND	< 500		1620	1610	µg/g	100.6	70	130
Ethylbenzene	ND	< 200		1130	996	µg/g	113.5	60	120
m,p Xylene	ND	< 200		1150	1010	µg/g	113.9	60	120
o Xylene	ND	< 200		1070	979	µg/g	109.3	60	120
Cumene	ND	< 30		195	188	µg/g	103.7	60	120
Anisole	ND	< 500		1460	1610	µg/g	90.7	70	130
DMSO	ND	< 500		1470	1600	µg/g	91.9	70	130
1,2 dimethoxyethane	ND	< 50		207	190	µg/g	108.9	70	130
triethylamine	ND	< 500		1600	1610	µg/g	99.4	70	130
N,N dimethylformamide	ND	< 150		432	496	µg/g	87.1	70	130
N,N dimethylacetamide	ND	< 150		475	483	µg/g	98.3	70	130
Pyridine	ND	< 50		156	167	µg/g	93.4	70	130
Sulfolane	ND	< 50		127	161	µg/g	78.9	70	130
1,2 Dichloroethane	ND	< 1		1.13	1	µg/g	113.0	70	130
Chloroform	ND	< 1		1.12	1	µg/g	112.0	70	130
richloroethylene	ND	< 1		1.08	1	µg/g	108.0	70	130
Dichloromethane	ND	< 1		1.09	1	µg/g	109.0	70	130
1,1 Dichloroethane	ND	< 1		1.13	1	µg/g	113.0	70	130



12423 NE Whitaker Way
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503-254-1794



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Revision 2 Document D 7087
Legacy D CFL-E33Effective

QC - Sample Duplicate				Sample ID: 22-012635-0006				
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	
2 Methylpentane	ND	ND	30	µg/g	0.0	< 20	Acceptable	
M BE	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	
etrahydrofuran	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	
oluene	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	
riethylamine	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	
richloroethylene	ND	ND	1	µg/g	0.0	< 20	Acceptable	
Dichloromethane	2.73	2.98	1	µg/g	8.8	< 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
Q1 Quality control result biased high. On y non detect samples reported.

Units of Measure:

µg/g Microgram per gram or ppm



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



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12423 NE Whitaker Way
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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.