



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



Report Number: 24-008052/D001.R000
Report Date: 07/31/2024
ORELAP#: OR100028
Purchase Order:
Received: 07/24/24 11:15

Customer: Mary & Jane
Product identity: Sunny Melts
Client/Metric ID: 015901001
Laboratory ID: 24-008052-0001

Summary

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.



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Received: 07/24/24 11:15

Customer: Mary & Jane
 2256 Terminal Road
 Saint Paul Minnesota 55113
 United States of America (USA)

Product identity: Sunny Melts
Client/Metric ID: 015901001
Sample Date:
Laboratory ID: 24-008052-0001
Evidence of Cooling: No
Temp: 23.8 °C
Relinquished by: client
Serving Size #1: 0.492 g
Serving Size #1: 0.492 g

Sample Results

Microbiology							
Analyte	Result	Limits	Units	LOQ	Batch	Analyzed Method	Status Notes
E.coli	< LOQ		cfu/g	10	2405600	07/27/24 AOAC 991.14 (Petrifilm)	
Total Coliforms	< LOQ		cfu/g	10	2405600	07/27/24 AOAC 991.14 (Petrifilm)	
Mold (RAPID Petrifilm)	< LOQ		cfu/g	10	2405601	07/28/24 AOAC 2014.05 (RAPID)	
Yeast (RAPID Petrifilm)	< LOQ		cfu/g	10	2405601	07/28/24 AOAC 2014.05 (RAPID)	



Solvents											
Method: Residual Solvents by HS-GC-MS ^b Units µg/g Batch 2405741 Analyze 07/30/24 12:58 PM											
Analyte	Result	Limits	LOQ	Status	Notes	Analyte	Result	Limits	LOQ	Status	Notes
1,4-Dioxane [⊥]	< LOQ		100			2-Butanol [⊥]	< LOQ		200		
2-Ethoxyethanol [⊥]	< LOQ		30.0			2-Methylbutane (Isopentane) [⊥]	< LOQ		200		
2-Methylpentane [⊥]	< LOQ		30.0			2-Propanol (IPA) [⊥]	< LOQ		200		
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		200			Acetonitrile [⊥]	< LOQ		100		
Benzene [⊥]	< LOQ		1.00			Butanes (sum) [⊥]	< LOQ		400		
Cyclohexane [⊥]	< LOQ		200			Ethyl acetate [⊥]	< LOQ		200		
Ethyl benzene	< LOQ		200			Ethyl ether [⊥]	< LOQ		200		
Ethylene glycol [⊥]	< LOQ		200			Ethylene oxide [⊥]	< LOQ		20.0		
Hexanes (sum) [⊥]	< LOQ		150			Isopropyl acetate [⊥]	< LOQ		200		
Isopropylbenzene (Cumene) [⊥]	< LOQ		30.0			m,p-Xylene [⊥]	< LOQ		200		
Methanol [⊥]	< LOQ		200			Methylene chloride [⊥]	< LOQ		60.0		
Methylpropane (Isobutane) [⊥]	< LOQ		200			n-Butane [⊥]	< LOQ		200		
n-Heptane [⊥]	< LOQ		200			n-Hexane [⊥]	< LOQ		30.0		
n-Pentane [⊥]	< LOQ		200			o-Xylene [⊥]	< LOQ		200		
Pentanes (sum)	< LOQ		600			Propane	< LOQ		200		
Tetrahydrofuran [⊥]	< LOQ		100			Toluene [⊥]	< LOQ		100		
Total Xylenes [⊥]	< LOQ		400			Total Xylenes and Ethyl benzene	< LOQ		600		


Pesticides Method: AOAC 2007.01 & EN 15662 (mod) Units mg/kg Batch 2405694 Analyze 07/29/24 07:47 AM

Analyte	Result	Limits	LOQ	Status	Notes	Analyte	Result	Limits	LOQ	Status	Notes
Abamectin [±]	< LOQ		0.250			Acephate	< LOQ		0.200		
Acequinocyl [±]	< LOQ		1.00			Acetamiprid	< LOQ		0.100		
Aldicarb [±]	< LOQ		0.200			Azoxystrobin [±]	< LOQ		0.100		
Bifenazate [±]	< LOQ		0.100			Bifenthrin [±]	< LOQ		0.100		
Boscalid [±]	< LOQ		0.200			Carbaryl [±]	< LOQ		0.100		
Carbofuran [±]	< LOQ		0.100			Chlorantraniliprole [±]	< LOQ		0.100		
Chlorfenapyr [±]	< LOQ		0.500			Chlorpyrifos-ethyl [±]	< LOQ		0.100		
Clofentezine [±]	< LOQ		0.100			Cyfluthrin (sum) [±]	< LOQ		0.500		
Cypermethrin [±]	< LOQ		0.500			Daminozide [±]	< LOQ		0.500		
Diazinon [±]	< LOQ		0.100			Dichlorvos [±]	< LOQ		0.500		
Dimethoate [±]	< LOQ		0.100			Ethoprophos [±]	< LOQ		0.100		
Etofenprox [±]	< LOQ		0.200			Etoxazole [±]	< LOQ		0.100		
Fenoxycarb [±]	< LOQ		0.100			Fenpyroximate [±]	< LOQ		0.200		
Fipronil [±]	< LOQ		0.200			Flonicamid [±]	< LOQ		0.400		
Fludioxonil [±]	< LOQ		0.200			Hexythiazox [±]	< LOQ		0.400		
Imazalil [±]	< LOQ		0.100			Imidacloprid [±]	< LOQ		0.200		
Kresoxim-methyl [±]	< LOQ		0.200			Malathion [±]	< LOQ		0.100		
Metalaxyl [±]	< LOQ		0.100			Methiocarb [±]	< LOQ		0.100		
Methomyl [±]	< LOQ		0.200			MGK-264 [±]	< LOQ		0.100		
Myclobutanil [±]	< LOQ		0.100			Naled [±]	< LOQ		0.250		
Oxamyl [±]	< LOQ		0.500			Paclobutrazole [±]	< LOQ		0.200		
Parathion-Methyl [±]	< LOQ		0.100			Permethrin and isomers	< LOQ		0.100		
Phosmet [±]	< LOQ		0.100			Piperonyl butoxide [±]	< LOQ		1.00		
Prallethrin [±]	< LOQ		0.100			Propiconazole [±]	< LOQ		0.200		
Propoxur [±]	< LOQ		0.100			Pyrethrin I (total) [±]	< LOQ		0.500		
Pyridaben [±]	< LOQ		0.100			Spinosad [±]	< LOQ		0.100		
Spiromesifen [±]	< LOQ		0.100			Spirotetramat [±]	< LOQ		0.100		
Spiroxamine [±]	< LOQ		0.200			Tebuconazole [±]	< LOQ		0.200		
Thiacloprid [±]	< LOQ		0.100			Thiamethoxam [±]	< LOQ		0.100		
Trifloxystrobin [±]	< LOQ		0.100								

Metals

Analyte	Result	Limits	Units	LOQ	Batch	Analyzed Method	Status	Notes
Arsenic [±]	< LOQ		mg/kg	0.0417	2405791	07/31/24 AOAC 2013.06 (mod.) ^p		
Cadmium [±]	< LOQ		mg/kg	0.0417	2405791	07/31/24 AOAC 2013.06 (mod.) ^p		
Lead [±]	< LOQ		mg/kg	0.0417	2405791	07/31/24 AOAC 2013.06 (mod.) ^p		
Mercury [±]	< LOQ		mg/kg	0.0209	2405791	07/31/24 AOAC 2013.06 (mod.) ^p		



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Customer: Mary & Jane
Product identity: Sunny Melts
Client/Metric ID: 015901001
Laboratory ID: 24-008052-0001

Summary

Potency:

Analyte per 0.49g	Result	Limits	Units	Status	
Δ8-THC per 0.49g	0.0203		mg/0.49g		Delta-9-THC-Total per 1.16 mg/0.49g
Δ9-THC per 0.49g	1.16		mg/0.49g		
					CBD-Total per Serving Size <LOQ
					(Reported in milligrams per serving)



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Temp: 23.8 °C
Relinquished by: client
Serving Size #1: 0.492 g
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Sample Results

Potency per 0.49g		Method: J AOAC 2015 V98-6 (mod) ^b		Units mg/se	Batch: 2405779	Analyze: 7/31/24 1:33:00 PM
Analyte	Result	Limits	Units	LOQ	Notes	
CBC per 0.49g	< LOQ		mg/0.49g	0.0162		
CBC-A per 0.49g	< LOQ		mg/0.49g	0.0162		
CBC-Total per 0.49g	< LOQ		mg/0.49g	0.0305		
CBD per 0.49g	< LOQ		mg/0.49g	0.0162		
CBD-A per 0.49g [±]	< LOQ		mg/0.49g	0.0162		
CBD-Total per 0.49g [±]	< LOQ		mg/0.49g	0.0305		
CBDV per 0.49g	< LOQ		mg/0.49g	0.0162		
CBDV-A per 0.49g	< LOQ		mg/0.49g	0.0162		
CBDV-Total per 0.49g	< LOQ		mg/0.49g	0.0303		
CBE per 0.49g	< LOQ		mg/0.49g	0.0162		
CBG per 0.49g	< LOQ		mg/0.49g	0.0162		
CBG-A per 0.49g	< LOQ		mg/0.49g	0.0162		
CBG-Total per 0.49g	< LOQ		mg/0.49g	0.0303		
CBL per 0.49g	< LOQ		mg/0.49g	0.0162		
CBL-A per 0.49g	< LOQ		mg/0.49g	0.0162		
CBL-Total per 0.49g	< LOQ		mg/0.49g	0.0305		
CBN per 0.49g	< LOQ		mg/0.49g	0.0162		
CBT per 0.49g	< LOQ		mg/0.49g	0.0162		
Δ10-THC-9R per 0.49g	< LOQ		mg/0.49g	0.0162		
Δ10-THC-9S per 0.49g	< LOQ		mg/0.49g	0.0162		
Δ10-THC-Total per 0.49g	< LOQ		mg/0.49g	0.0325		
Δ8-THC per 0.49g [±]	0.0203		mg/0.49g	0.0162		
Δ8-THCV per 0.49g	< LOQ		mg/0.49g	0.0162		
Δ9-THC per 0.49g [±]	1.16		mg/0.49g	0.0162		
Δ9-THC-Total per 0.49g	1.16		mg/0.49g	0.0305		
Δ9-THCP per 0.49g	< LOQ		mg/0.49g	0.0162		
Δ9-THCV per 0.49g	< LOQ		mg/0.49g	0.0162		
Δ9-THCV-A per 0.49g	< LOQ		mg/0.49g	0.0162		
Δ9-THCV-Total per 0.49g	< LOQ		mg/0.49g	0.0305		



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Potency per 0.49g		Method: J AOAC 2015 V98-6 (mod) ^b		Units mg/se	Batch: 2405779	Analyze: 7/31/24 1:33:00 PM
Analyte	Result	Limits	Units	LOQ	Notes	
exo-THC per 0.49g	< LOQ		mg/0.49g	0.0162		
THC-A per 0.49g [±]	< LOQ		mg/0.49g	0.0162		
Total Cannabinoids per 0.49g	1.18		mg/0.49g			



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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.

^p = ISO/IEC 17025:2017 accredited method.

[⊥] = TNI accredited analyte.

Units of Measure

cfu/g = Colony forming units per gram

g = Gram

µg/g = Microgram per gram

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

mg/0.49g = Milligram per 0.49g

% = Percentage of sample

% wt = µg/g divided by 10,000

Approved Signatory

Derrick Tanner
General Manager



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Statistical Analysis: Sunny Melts					
Analysis mg/g					
	24-008052-0001	24-008052-0002	Average	%RPD	Pass/Fail (<10%RPD)



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Hemp & Cannabis
 Chain of Custody

Mary-&-Jane-1721672911

Company Details Company: <u>Mary & Jane</u> Contact: <u>Laura Roos</u> Street Address: <u>2256 Terminal Road</u> City, State, Zip: <u>St. Paul, MN 55113</u> Email: <u>laura@shopmaryandjane.com</u> Contact Phone: <u>9522123349</u> Company Phone: <u>9522123349</u> Billing Information Billing Phone: <u>9522123349</u> Billing Email: <u>laura@shopmaryandjane.com</u>				Project Details Turnaround Time: <u>3 Business Days Surcharges Apply</u> Relinquishment Sampling, Courier & Shipping Options: <u>By Shipping Service (USPS, UPS, Fedex)</u> Compliance: <u>Compliance</u> Receipt Information Prelog Storage: <u>Canna Shelves</u> Sample Condition: <u>Satisfactory</u>			Testing
#	Sample Name	Lot Additional Sample ID	Amount Provided	Material	Additional Test Requests and Sample Comments	Reporting Unit	
1	Sunny Melts	015901001	30 each	Cannabinoid Edible	N/A	mg/g	✓

Package Details

Standard Potency + Safety Package: Cannabis Heavy Metals Pro

Relinquished By	Date	Time	Received By	Date	Time	Received Temp., °C	Evidence of Cooling?
<i>Laura roos</i>	<i>07/22/2024</i>	<i>11:28</i>	<i>ont</i>	<i>07/24/2024</i>	<i>11:15</i>	<i>23.80</i>	<i>No</i>



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

Laboratory Quality Control Results

J AOAC 2015 V98-6 **Batch ID: 2405653**

Laboratory Control Sample										
Analyte	LCS	Result	Spike	Units	% Rec	Limits		Evaluation	Notes	
CBDVA	2	0.0311	0.0320	%	97.4	80.0	- 120	Acceptable		
CBDV	2	0.0324	0.0342	%	94.6	80.0	- 120	Acceptable		
CBE	2	0.0329	0.0341	%	96.3	80.0	- 120	Acceptable		
CBDA	1	0.0292	0.0301	%	97.1	90.0	- 110	Acceptable		
CBGA	1	0.0296	0.0306	%	96.9	80.0	- 120	Acceptable		
CBG	1	0.0349	0.0362	%	96.3	80.0	- 120	Acceptable		
CBD	1	0.0371	0.0350	%	106	90.0	- 110	Acceptable		
THCV	2	0.0283	0.0293	%	96.7	80.0	- 120	Acceptable		
d8THCV	2	0.0303	0.0319	%	94.9	80.0	- 120	Acceptable		
THCVA	2	0.0309	0.0319	%	96.9	80.0	- 120	Acceptable		
CBN	1	0.0320	0.0332	%	96.3	80.0	- 120	Acceptable		
exo-THC	2	0.0302	0.0318	%	95.1	80.0	- 120	Acceptable		
d9THC	1	0.0333	0.0340	%	97.8	90.0	- 110	Acceptable		
d8THC	1	0.0281	0.0303	%	92.6	90.0	- 110	Acceptable		
9S-d10THC	1	0.0298	0.0318	%	93.8	80.0	- 120	Acceptable		
CBL	2	0.0307	0.0329	%	93.2	80.0	- 120	Acceptable		
9R-d10THC	1	0.0289	0.0312	%	92.5	80.0	- 120	Acceptable		
CBC	2	0.0323	0.0344	%	93.9	80.0	- 120	Acceptable		
THCA	1	0.0306	0.0307	%	99.7	90.0	- 110	Acceptable		
CBCA	2	0.0319	0.0331	%	96.5	80.0	- 120	Acceptable		
CBLA	2	0.0325	0.0337	%	96.5	80.0	- 120	Acceptable		
d9THCP	2	0.0307	0.0330	%	93.1	80.0	- 120	Acceptable		
CBT	2	0.0298	0.0339	%	87.7	80.0	- 120	Acceptable		

Method Blank							
Analyte	Result	LOQ	Units	Limits	Evaluation	Notes	
CBDVA	<LOQ	0.00333	%	< 0.00333	Acceptable		
CBDV	<LOQ	0.00333	%	< 0.00333	Acceptable		
CBE	<LOQ	0.00333	%	< 0.00333	Acceptable		
CBDA	<LOQ	0.00333	%	< 0.00333	Acceptable		
CBGA	<LOQ	0.00333	%	< 0.00333	Acceptable		
CBG	<LOQ	0.00333	%	< 0.00333	Acceptable		
CBD	<LOQ	0.00333	%	< 0.00333	Acceptable		
THCV	<LOQ	0.00333	%	< 0.00333	Acceptable		
d8THCV	<LOQ	0.00333	%	< 0.00333	Acceptable		
THCVA	<LOQ	0.00333	%	< 0.00333	Acceptable		
CBN	<LOQ	0.00333	%	< 0.00333	Acceptable		
exo-THC	<LOQ	0.00333	%	< 0.00333	Acceptable		
d9THC	<LOQ	0.00333	%	< 0.00333	Acceptable		
d8THC	<LOQ	0.00333	%	< 0.00333	Acceptable		
9S-d10THC	<LOQ	0.00333	%	< 0.00333	Acceptable		
CBL	<LOQ	0.00333	%	< 0.00333	Acceptable		
9R-d10THC	<LOQ	0.00333	%	< 0.00333	Acceptable		
CBC	<LOQ	0.00333	%	< 0.00333	Acceptable		
THCA	<LOQ	0.00333	%	< 0.00333	Acceptable		
CBCA	<LOQ	0.00333	%	< 0.00333	Acceptable		
CBLA	<LOQ	0.00333	%	< 0.00333	Acceptable		
d9THCP	<LOQ	0.00333	%	< 0.00333	Acceptable		
CBT	<LOQ	0.00333	%	< 0.00333	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: 4 Document ID: 7148
Legacy ID: Worksheet Validated 04/20/2021

Laboratory Quality Control Results

AOAC 2015 V98-6		Batch ID: 2405653						
Sample Duplicate		Sample ID: 24-007965-0001						
Analyte	Result	Org. Result	LOQ	Units	RPD	Limits	Evaluation	Notes
CBDVA	<LOQ	<LOQ	0.00309	%	NA	< 20	Acceptable	
CBDV	0.00557	0.00587	0.00309	%	5.10	< 20	Acceptable	
CBE	<LOQ	<LOQ	0.00309	%	NA	< 20	Acceptable	
CBDA	0.183	0.182	0.00309	%	0.660	< 20	Acceptable	
CBGA	<LOQ	<LOQ	0.00309	%	NA	< 20	Acceptable	
CBG	0.00756	0.00742	0.00309	%	1.86	< 20	Acceptable	
CBD	0.512	0.506	0.00309	%	1.22	< 20	Acceptable	
THCV	<LOQ	<LOQ	0.00309	%	NA	< 20	Acceptable	
d8THCV	<LOQ	<LOQ	0.00309	%	NA	< 20	Acceptable	
THCVA	<LOQ	<LOQ	0.00309	%	NA	< 20	Acceptable	
CBN	<LOQ	<LOQ	0.00309	%	NA	< 20	Acceptable	
exo-THC	<LOQ	<LOQ	0.00309	%	NA	< 20	Acceptable	
d9THC	0.0260	0.0258	0.00309	%	0.883	< 20	Acceptable	
d8THC	<LOQ	<LOQ	0.00309	%	NA	< 20	Acceptable	
9S-d10THC	<LOQ	<LOQ	0.00309	%	NA	< 20	Acceptable	
CBL	<LOQ	<LOQ	0.00309	%	NA	< 20	Acceptable	
9R-d10THC	<LOQ	<LOQ	0.00309	%	NA	< 20	Acceptable	
CBC	0.0214	0.0213	0.00309	%	0.434	< 20	Acceptable	
THCA	<LOQ	<LOQ	0.00309	%	NA	< 20	Acceptable	
CBCA	0.00628	0.00608	0.00309	%	3.21	< 20	Acceptable	
CBLA	<LOQ	<LOQ	0.00309	%	NA	< 20	Acceptable	
d9THCP	<LOQ	<LOQ	0.00309	%	NA	< 20	Acceptable	
CBT	<LOQ	<LOQ	0.00309	%	NA	< 20	Acceptable	

Abbreviations

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

Units of Measure:

% - Percent



Laboratory Pesticide Quality Control Results

AOAC2007.1 &EN 15662		Units: mg/Kg			Batch ID: 2405694			
Method Bank		Laboratory Control Sample						
Analyte	Blank Result	Blank Limits	Notes	LCS Result	LCS Spke	LCS% Re	Limits	Notes
Abamectin	0.000	< 0.250		0.989	1.000	98.9	50.0	150
Acephate	0.090	< 0.200		0.742	0.800	92.8	60.0	120
Acequinocyl	0.000	< 1.000		5.350	4.000	133.7	40.0	160
Acetamiprid	0.000	< 0.100		0.393	0.400	98.2	60.0	120
Aldicarb	0.000	< 0.200		0.778	0.800	97.3	60.0	120
Azoxystrobin	0.000	< 0.100		0.400	0.400	99.9	60.0	120
Bifenazate	0.004	< 0.100		0.391	0.400	97.9	60.0	120
Bifenthrin	0.000	< 0.100		0.412	0.400	103.1	50.0	150
Boscalid	0.000	< 0.200		0.748	0.800	93.5	60.0	120
Carbaryl	0.000	< 0.100		0.368	0.400	92.0	60.0	120
Carbofuran	0.001	< 0.100		0.375	0.400	93.8	60.0	120
Chlorantraniliprole	0.000	< 0.100		0.367	0.400	91.6	60.0	120
Chlorfenapyr	0.000	< 0.500		1.837	2.000	91.8	60.0	120
Chlorpyrifos	0.000	< 0.100		0.360	0.400	90.0	60.0	120
Clofentezine	0.005	< 0.100		0.322	0.400	80.4	60.0	120
Cyfluthrin	0.000	< 0.500		1.869	2.000	93.5	50.0	150
Cypermethrin	0.005	< 0.500		1.881	2.000	94.1	50.0	150
Daminozide	0.000	< 0.500		0.706	2.000	35.3	60.0	120
Diazinon	0.008	< 0.100		0.377	0.400	94.1	60.0	120
Dichlorvos	0.038	< 0.500		1.867	2.000	93.3	60.0	120
Dimethoate	0.000	< 0.100		0.376	0.400	94.0	60.0	120
Ethoprophos	0.004	< 0.100		0.374	0.400	93.5	60.0	120
Etofenprox	0.000	< 0.200		0.750	0.800	93.8	50.0	150
Etoazole	0.002	< 0.100		0.386	0.400	96.4	60.0	120
Fenoxycarb	0.004	< 0.100		0.359	0.400	89.7	60.0	120
Fenpyroximate	0.007	< 0.200		0.753	0.800	94.2	60.0	120
Fipronil	0.000	< 0.200		0.779	0.800	97.4	60.0	120
Fonicamid	0.139	< 0.250		0.794	1.000	79.4	60.0	120
Fludioxonil	0.000	< 0.200		0.759	0.800	94.9	50.0	150
Hexythiazox	0.008	< 0.250		0.961	1.000	96.1	60.0	120
Imazalil	0.000	< 0.100		0.393	0.400	98.3	60.0	120
Imidacloprid	0.010	< 0.200		0.760	0.800	95.0	60.0	120
Kresoxim-methyl	0.000	< 0.200		0.773	0.800	96.6	60.0	120
Malathion	0.000	< 0.100		0.379	0.400	94.7	60.0	120
Metalaxyl	0.000	< 0.100		0.399	0.400	99.7	60.0	120
Methiocarb	0.012	< 0.100		0.354	0.400	88.4	60.0	120
Methomyl	0.059	< 0.200		0.767	0.800	95.9	60.0	120
MGK-264	0.000	< 0.100		0.384	0.400	96.0	50.0	150
Myclobutanil	0.000	< 0.100		0.378	0.400	94.5	60.0	120
Naled	0.000	< 0.250		0.936	1.000	93.6	50.0	150
Oxamyl	0.000	< 0.500		1.821	2.000	91.0	60.0	120
Paclobutrazole	0.000	< 0.200		0.746	0.800	93.2	60.0	120
Parathion-Methyl	0.000	< 0.100		0.405	0.400	101.2	50.0	150
Permethrin	0.000	< 0.100		0.366	0.400	91.4	50.0	150
Phosmet	0.000	< 0.100		0.389	0.400	97.2	50.0	150
Piperonyl butoxide	0.000	< 0.500		1.427	2.000	71.3	60.0	120
Prallethrin	0.006	< 0.100		0.383	0.400	95.8	60.0	120
Propiconazole	0.000	< 0.200		0.765	0.800	95.6	60.0	120
Propoxur	0.000	< 0.100		0.372	0.400	93.0	60.0	120
Pyrethrin (Summe)	0.013	< 0.100		0.439	0.488	90.1	60.0	120
Pyridaben	0.000	< 0.100		0.391	0.400	97.8	50.0	150
Spinosad	0.000	< 0.100		0.370	0.388	95.4	50.0	150
Spiromesifen	0.004	< 0.100		0.370	0.400	92.4	60.0	120
Spirotetramat	0.001	< 0.100		0.375	0.400	93.6	60.0	120
Spiroxamine	0.000	< 0.200		0.769	0.800	96.1	60.0	120

Q7



Laboratory Pesticide Quality Control Results

AOAC2007.1 & EN 15662		Units: mg/Kg					Batch ID: 2405694				
Matrix Spke/Matrix Spke Duplicate Recoveries							Sample ID: 24-0079100001				
Analyte	Result	MSR _{Re}	MSD _{Re}	Spike	RPD%	Limit	MS% _{Re}	MSD% _{Re}	Limits	Notes	
Abamectin	0.000	0.424	0.511	1.000	18.6%	< 30	42.4%	51.1%	50 - 150	Q	
Acephate	0.000	0.709	0.617	0.800	13.9%	< 30	88.6%	77.1%	50 - 150		
Acequinocyl	0.000	2.208	3.208	4.000	36.9%	< 30	55.2%	80.2%	50 - 150	R	
Acetamiprid	0.000	0.387	0.376	0.400	3.1%	< 30	96.9%	94.0%	50 - 150		
Aldicarb	0.000	0.756	0.784	0.800	3.5%	< 30	94.5%	97.9%	50 - 150		
Azoxystrobin	0.000	0.369	0.426	0.400	14.5%	< 30	92.1%	106.5%	50 - 150		
Bifenazate	0.006	0.346	0.357	0.400	3.1%	< 30	85.0%	87.7%	50 - 150		
Bifenthrin	0.000	0.176	0.188	0.400	6.6%	< 30	44.0%	47.0%	50 - 150	Q	
Boscalid	0.000	0.692	0.735	0.800	6.1%	< 30	86.5%	91.9%	50 - 150		
Carbaryl	0.000	0.347	0.354	0.400	1.9%	< 30	86.8%	88.5%	50 - 150		
Carbofuran	0.001	0.352	0.385	0.400	9.0%	< 30	87.8%	96.0%	50 - 150		
Chlorantraniliprole	0.000	0.330	0.358	0.400	8.3%	< 30	82.4%	89.5%	50 - 150		
Chlorfenapyr	0.000	1.586	1.415	2.000	11.4%	< 30	79.3%	70.8%	50 - 150		
Chlorpyrifos	0.020	0.243	0.247	0.400	1.8%	< 30	55.7%	56.7%	50 - 150		
Clofentezine	0.006	0.265	0.280	0.400	5.6%	< 30	64.8%	68.6%	50 - 150		
Cyfluthrin	0.000	1.015	1.104	2.000	8.4%	< 30	50.7%	55.2%	30 - 150		
Cypermethrin	0.000	0.668	0.745	2.000	10.9%	< 30	33.4%	37.2%	50 - 150	Q	
Daminozide	0.000	0.753	0.689	2.000	8.8%	< 30	37.6%	34.4%	30 - 150		
Diazinon	0.009	0.328	0.359	0.400	9.2%	< 30	79.7%	87.4%	50 - 150		
Dichlorvos	0.028	1.781	1.889	2.000	6.0%	< 30	87.7%	93.1%	50 - 150		
Dimethoate	0.000	0.357	0.315	0.400	12.6%	< 30	89.2%	78.6%	50 - 150		
Ethoprophos	0.010	0.353	0.366	0.400	3.6%	< 30	85.8%	88.9%	50 - 150		
Etofenprox	0.000	0.415	0.413	0.800	0.4%	< 30	51.8%	51.6%	50 - 150		
Etoxazole	0.004	0.309	0.305	0.400	1.4%	< 30	76.4%	75.4%	50 - 150		
Fenoxycarb	0.004	0.338	0.346	0.400	2.2%	< 30	83.5%	85.3%	50 - 150		
Fenpyroximate	0.006	0.512	0.457	0.800	11.5%	< 30	63.3%	56.3%	50 - 150		
Fipronil	0.000	0.535	0.535	0.800	0.1%	< 30	66.9%	66.8%	50 - 150		
Fonicamid	0.000	0.798	0.546	1.000	37.5%	< 30	79.8%	54.6%	50 - 150	R	
Fludioxonil	0.000	0.722	0.792	0.800	9.2%	< 30	90.3%	99.0%	50 - 150		
Hexythiazox	0.000	0.231	0.204	1.000	12.3%	< 30	23.1%	20.4%	50 - 150	Q	
Imazalil	0.000	0.359	0.406	0.400	12.2%	< 30	89.7%	101.4%	50 - 150		
Imidacloprid	0.010	0.667	0.584	0.800	13.5%	< 30	82.2%	71.7%	50 - 150		
Kresoxim-methyl	0.000	0.635	0.655	0.800	3.1%	< 30	79.3%	81.9%	50 - 150		
Malathion	0.000	0.337	0.355	0.400	5.3%	< 30	84.2%	88.8%	50 - 150		
Metalaxyl	0.009	0.371	0.447	0.400	19.1%	< 30	90.4%	109.6%	50 - 150		
Methiocarb	0.013	0.343	0.360	0.400	5.2%	< 30	82.5%	87.0%	50 - 150		
Methomyl	0.061	0.791	0.601	0.800	29.9%	< 30	91.2%	67.5%	50 - 150		
MGK-264	0.000	0.256	0.243	0.400	5.3%	< 30	64.1%	60.8%	50 - 150		
Myclobutanil	0.000	0.350	0.396	0.400	12.3%	< 30	87.6%	99.1%	50 - 150		
Naled	0.000	0.817	0.900	1.000	9.7%	< 30	81.7%	90.0%	50 - 150		
Oxamyl	0.000	1.314	1.257	2.000	4.4%	< 30	65.7%	62.8%	50 - 150		
Paclobutrazole	0.000	0.622	0.645	0.800	3.6%	< 30	77.8%	80.7%	50 - 150		
Parathion-Methyl	0.005	0.317	0.313	0.400	1.3%	< 30	77.9%	76.9%	30 - 150		
Permethrin	0.000	0.206	0.211	0.400	2.6%	< 30	51.4%	52.8%	50 - 150		
Phosmet	0.000	0.353	0.388	0.400	9.4%	< 30	88.2%	96.9%	50 - 150		
Piperonyl butoxide	0.000	2.118	2.274	2.000	7.1%	< 30	105.9%	113.7%	50 - 150		
Prallethrin	0.000	0.191	0.196	0.400	2.8%	< 30	47.8%	49.1%	50 - 150	Q	
Propiconazole	0.000	0.596	0.666	0.800	11.1%	< 30	74.5%	83.3%	50 - 150		
Propoxur	0.000	0.347	0.357	0.400	2.9%	< 30	86.7%	89.2%	50 - 150		
Pyrethrin (Summe)	0.000	0.481	0.438	0.488	9.4%	< 30	98.6%	89.7%	50 - 150		
Pyridaben	0.000	0.129	0.121	0.400	6.8%	< 30	32.3%	30.2%	50 - 150	Q	
Spinosad	0.000	0.325	0.370	0.388	13.0%	< 30	83.7%	95.4%	50 - 150		
Spiromesifen	0.008	0.235	0.211	0.400	11.3%	< 30	56.8%	50.7%	50 - 150		
Spirotetramat	0.001	0.352	0.384	0.400	8.8%	< 30	87.7%	95.8%	50 - 150		
Spiroxamine	0.000	0.726	0.799	0.800	9.6%	< 30	90.7%	99.8%	50 - 150		


Laboratory Quality Control Results

Residual Solvents				Batch ID: 2405741					
Method Blank				Laboratory Control Sample					
Analyte	Result	LOQ	Notes	Result	Spike	Units	% Rec	Limits	Notes
Propane	ND	< 200		563	584	µg/g	96.4	60 - 120	
Isobutane	ND	< 200		716	767	µg/g	93.4	60 - 120	
Butane	ND	< 200		728	782	µg/g	93.1	60 - 120	
2,2-Dimethylpropane	ND	< 200		903	939	µg/g	96.2	60 - 120	
Methanol	ND	< 200		1480	1600	µg/g	92.5	60 - 120	
Ethylene Oxide	ND	< 30		55.6	57.1	µg/g	97.4	60 - 120	
2-Methylbutane	ND	< 200		1530	1620	µg/g	94.4	60 - 120	
Pentane	ND	< 200		1480	1610	µg/g	91.9	60 - 120	
Ethanol	ND	< 200		1410	1600	µg/g	88.1	70 - 130	
Ethyl Ether	ND	< 200		1450	1610	µg/g	90.1	60 - 120	
2,2-Dimethylbutane	ND	< 30		164	190	µg/g	86.3	60 - 120	
Acetone	ND	< 200		1460	1610	µg/g	90.7	60 - 120	
2-Propanol	ND	< 200		1440	1610	µg/g	89.4	60 - 120	
Ethyl Formate	ND	< 500		1220	1630	µg/g	74.8	70 - 130	
Acetonitrile	ND	< 100		429	486	µg/g	88.3	60 - 120	
Methyl Acetate	ND	< 500		1300	1610	µg/g	80.7	70 - 130	
2,3-Dimethylbutane	ND	< 30		148	163	µg/g	90.8	60 - 120	
Dichloromethane	ND	< 60		438	482	µg/g	90.9	60 - 120	
2-Methylpentane	ND	< 30		161	178	µg/g	90.4	60 - 120	
MTBE	ND	< 500		1260	1610	µg/g	78.3	70 - 130	
3-Methylpentane	ND	< 30		438	490	µg/g	89.4	60 - 120	
Hexane	ND	< 30		159	175	µg/g	90.9	60 - 120	
1-Propanol	ND	< 500		1420	1610	µg/g	88.2	70 - 130	
Methylethylketone	ND	< 500		1310	1610	µg/g	81.4	70 - 130	
Ethyl acetate	ND	< 200		1440	1600	µg/g	90.0	60 - 120	
2-Butanol	ND	< 200		1460	1610	µg/g	90.7	60 - 120	
Tetrahydrofuran	ND	< 100		456	504	µg/g	90.5	60 - 120	
Cyclohexane	ND	< 200		1510	1620	µg/g	93.2	60 - 120	
2-methyl-1-propanol	ND	< 500		1390	1610	µg/g	86.3	70 - 130	
Benzene	ND	< 1		4.6	5.08	µg/g	90.6	60 - 120	
Isopropyl Acetate	ND	< 200		1610	1610	µg/g	100.0	60 - 120	
Heptane	ND	< 200		1600	1610	µg/g	99.4	60 - 120	
1-Butanol	ND	< 500		1500	1610	µg/g	93.2	70 - 130	
Propyl Acetate	ND	< 500		1610	1610	µg/g	100.0	70 - 130	
1,4-Dioxane	ND	< 100		464	488	µg/g	95.1	60 - 120	
2-Ethoxyethanol	ND	< 30		168	163	µg/g	103.1	60 - 120	
Methylisobutylketone	ND	< 500		1630	1620	µg/g	100.6	70 - 130	
3-Methyl-1-butanol	ND	< 500		1550	1610	µg/g	96.3	70 - 130	
Ethylene Glycol	ND	< 200		476	488	µg/g	97.5	60 - 120	
Toluene	ND	< 100		468	492	µg/g	95.1	60 - 120	
Isobutyl Acetate	ND	< 500		1620	1620	µg/g	100.0	70 - 130	
1-Pentanol	ND	< 500		1620	1610	µg/g	100.6	70 - 130	
Butyl Acetate	ND	< 500		1690	1650	µg/g	102.4	70 - 130	
Ethylbenzene	ND	< 200		933	969	µg/g	96.3	60 - 120	
m,p-Xylene	ND	< 200		936	981	µg/g	95.4	60 - 120	
o-Xylene	ND	< 200		1010	966	µg/g	104.6	60 - 120	
Cumene	ND	< 30		178	167	µg/g	106.6	60 - 120	
Anisole	ND	< 500		1760	1610	µg/g	109.3	70 - 130	
DMSO	ND	< 500		1890	1610	µg/g	117.4	70 - 130	
1,2-dimethoxyethane	ND	< 50		178	170	µg/g	104.7	70 - 130	
Triethylamine	ND	< 500		1410	1620	µg/g	87.0	70 - 130	
N,N-dimethylformamide	ND	< 150		494	499	µg/g	99.0	70 - 130	
N,N-dimethylacetamide	ND	< 150		501	489	µg/g	102.5	70 - 130	
Pyridine	ND	< 50		150	167	µg/g	89.8	70 - 130	
Sulfolane	ND	< 50		151	169	µg/g	89.3	70 - 130	
1,2-Dichloroethane	ND	< 1		0.971	1	µg/g	97.1	70 - 130	
Chloroform	ND	< 1		0.839	1	µg/g	83.9	70 - 130	
Trichloroethylene	ND	< 1		0.901	1	µg/g	90.1	70 - 130	
1,1-Dichloroethane	ND	< 1		0.752	1	µg/g	75.2	70 - 130	



Revision: 2 Document ID: 7087

Legacy ID: CFL-E33Effective:

QC - Sample Duplicate

Sample ID: 24-007941-0001

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



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

Report Number: 24-008052/D001.R000
Report Date: 07/31/2024
ORELAP#: OR100028
Purchase Order:
Received: 07/24/24 11:15



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

Laboratory Quality Control Results

J AOAC 2015 V98-6 Batch ID: 2405779

Laboratory Control Sample

Analyte	LCS	Result	Spike	Units	% Rec	Limits	Evaluation	Notes
CBDVA	2	0.0308	0.0315	%	97.7	80.0 - 120	Acceptable	
CBDV	2	0.0317	0.0338	%	93.9	80.0 - 120	Acceptable	
CBE	2	0.0360	0.0337	%	107	80.0 - 120	Acceptable	
CBDA	1	0.0318	0.0307	%	104	90.0 - 110	Acceptable	
CBGA	1	0.0323	0.0312	%	103	80.0 - 120	Acceptable	
CBG	1	0.0380	0.0370	%	103	80.0 - 120	Acceptable	
CBD	1	0.0364	0.0357	%	102	90.0 - 110	Acceptable	
THCV	2	0.0283	0.0289	%	97.9	80.0 - 120	Acceptable	
d8THCV	2	0.0309	0.0315	%	98.4	80.0 - 120	Acceptable	
THCVA	2	0.0302	0.0315	%	96.1	80.0 - 120	Acceptable	
CBN	1	0.0347	0.0339	%	102	80.0 - 120	Acceptable	
exo-THC	2	0.0322	0.0314	%	103	80.0 - 120	Acceptable	
d9THC	1	0.0358	0.0347	%	103	90.0 - 110	Acceptable	
d8THC	1	0.0307	0.0309	%	99.2	90.0 - 110	Acceptable	
9S-d10THC	1	0.0326	0.0324	%	100	80.0 - 120	Acceptable	
CBL	2	0.0354	0.0325	%	109	80.0 - 120	Acceptable	
9R-d10THC	1	0.0314	0.0318	%	98.6	80.0 - 120	Acceptable	
CBC	2	0.0344	0.0340	%	101	80.0 - 120	Acceptable	
THCA	1	0.0331	0.0313	%	106	90.0 - 110	Acceptable	
CBCA	2	0.0314	0.0326	%	96.3	80.0 - 120	Acceptable	
CBLA	2	0.0314	0.0333	%	94.5	80.0 - 120	Acceptable	
d9THCP	2	0.0363	0.0326	%	111	80.0 - 120	Acceptable	
CBT	2	0.0351	0.0335	%	105	80.0 - 120	Acceptable	

Method Blank

Analyte	Result	LOQ	Units	Limits	Evaluation	Notes
CBDVA	<LOQ	0.00327	%	< 0.00327	Acceptable	
CBDV	<LOQ	0.00327	%	< 0.00327	Acceptable	
CBE	<LOQ	0.00327	%	< 0.00327	Acceptable	
CBDA	<LOQ	0.00327	%	< 0.00327	Acceptable	
CBGA	<LOQ	0.00327	%	< 0.00327	Acceptable	
CBG	<LOQ	0.00327	%	< 0.00327	Acceptable	
CBD	<LOQ	0.00327	%	< 0.00327	Acceptable	
THCV	<LOQ	0.00327	%	< 0.00327	Acceptable	
d8THCV	<LOQ	0.00327	%	< 0.00327	Acceptable	
THCVA	<LOQ	0.00327	%	< 0.00327	Acceptable	
CBN	<LOQ	0.00327	%	< 0.00327	Acceptable	
exo-THC	<LOQ	0.00327	%	< 0.00327	Acceptable	
d9THC	<LOQ	0.00327	%	< 0.00327	Acceptable	
d8THC	<LOQ	0.00327	%	< 0.00327	Acceptable	
9S-d10THC	<LOQ	0.00327	%	< 0.00327	Acceptable	
CBL	<LOQ	0.00327	%	< 0.00327	Acceptable	
9R-d10THC	<LOQ	0.00327	%	< 0.00327	Acceptable	
CBC	<LOQ	0.00327	%	< 0.00327	Acceptable	
THCA	<LOQ	0.00327	%	< 0.00327	Acceptable	
CBCA	<LOQ	0.00327	%	< 0.00327	Acceptable	
CBLA	<LOQ	0.00327	%	< 0.00327	Acceptable	
d9THCP	<LOQ	0.00327	%	< 0.00327	Acceptable	
CBT	<LOQ	0.00327	%	< 0.00327	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



Report Number: 24-008052/D001.R000
Report Date: 07/31/2024
ORELAP#: OR100028
Purchase Order:
Received: 07/24/24 11:15

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

Laboratory Quality Control Results

AOAC 2015 V98-6		Batch ID: 2405779						
Sample Duplicate		Sample ID: 24-008013-0004-01						
Analyte	Result	Org. Result	LOQ	Units	RPD	Limits	Evaluation	Notes
CBDVA	<LOQ	<LOQ	0.00325	%	NA	< 20	Acceptable	
CBDV	<LOQ	<LOQ	0.00325	%	NA	< 20	Acceptable	
CBE	<LOQ	<LOQ	0.00325	%	NA	< 20	Acceptable	
CBDA	<LOQ	<LOQ	0.00325	%	NA	< 20	Acceptable	
CBGA	<LOQ	<LOQ	0.00325	%	NA	< 20	Acceptable	
CBG	0.00878	0.00880	0.00325	%	0.195	< 20	Acceptable	
CBD	<LOQ	<LOQ	0.00325	%	NA	< 20	Acceptable	
THCV	0.00546	0.00556	0.00325	%	1.83	< 20	Acceptable	
d8THCV	<LOQ	<LOQ	0.00325	%	NA	< 20	Acceptable	
THCVA	<LOQ	<LOQ	0.00325	%	NA	< 20	Acceptable	
CBN	0.00749	0.00751	0.00325	%	0.201	< 20	Acceptable	
exo-THC	<LOQ	<LOQ	0.00325	%	NA	< 20	Acceptable	
d9THC	0.524	0.522	0.00325	%	0.430	< 20	Acceptable	
d8THC	<LOQ	<LOQ	0.00325	%	NA	< 20	Acceptable	
9S-d10THC	<LOQ	<LOQ	0.00325	%	NA	< 20	Acceptable	
CBL	<LOQ	<LOQ	0.00325	%	NA	< 20	Acceptable	
9R-d10THC	<LOQ	<LOQ	0.00325	%	NA	< 20	Acceptable	
CBC	0.00893	0.00919	0.00325	%	2.88	< 20	Acceptable	
THCA	<LOQ	<LOQ	0.00325	%	NA	< 20	Acceptable	
CBCA	<LOQ	<LOQ	0.00325	%	NA	< 20	Acceptable	
CBLA	<LOQ	<LOQ	0.00325	%	NA	< 20	Acceptable	
d9THCP	<LOQ	<LOQ	0.00325	%	NA	< 20	Acceptable	
CBT	0.00335	0.00330	0.00325	%	1.55	< 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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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: 24-005230/D001.R002
Report Date: 06/26/2024
ORELAP#: OR100028
Purchase Order:
Received: 05/13/24 11:26

This is an amended version of report# 24-005230/D001.R001.
Reason: updated client information

Customer: Mary & Jane
Product identity: Sunny Melts
Client/Metric ID: Lot: 0099-04-001
Laboratory ID: 24-005230-0001

Summary

Potency:

Analyte	Result	Limits	Units	Status	
Δ9-THC	0.173		%		Delta-9-THC-Total per 0.952 mg/0.55g
Analyte per 0.55g	Result	Limits	Units	Status	CBD-Total per Serving Size <LOQ
Δ9-THC per 0.55g	0.952		mg/0.55g		(Reported in milligrams per serving)

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.



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Report Number: 24-005230/D001.R002
Report Date: 06/26/2024
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Received: 05/13/24 11:26



Customer: Mary & Jane
 2256 Terminal Road
 Saint Paul Minnesota 55113
 United States of America (USA)

Product identity: Sunny Melts
Client/Metric ID: Lot: 0099-04-001
Sample Date:
Laboratory ID: 24-005230-0001
Evidence of Cooling: No
Temp: 20.3 °C
Relinquished by: client
Serving Size #1: 0.55 g

Sample Results

Potency	Method: J AOAC 2015 V98-6 (mod) ^b	Units %	Batch: 2403711	Analyze: 5/14/24 6:25:00 PM	
Analyte	Result	Limits	Units	LOQ	Notes
CBC	< LOQ		%	0.00313	
CBC-A	< LOQ		%	0.00313	
CBC-Total	< LOQ		%	0.00588	
CBD [±]	< LOQ		%	0.00313	
CBD-A [±]	< LOQ		%	0.00313	
CBD-Total [±]	< LOQ		%	0.00588	
CBDV	< LOQ		%	0.00313	
CBDV-A	< LOQ		%	0.00313	
CBDV-Total	< LOQ		%	0.00585	
CBE	< LOQ		%	0.00313	
CBG	< LOQ		%	0.00313	
CBG-A	< LOQ		%	0.00313	
CBG-Total	< LOQ		%	0.00585	
CBL	< LOQ		%	0.00313	
CBL-A	< LOQ		%	0.00313	
CBL-Total	< LOQ		%	0.00588	
CBN	< LOQ		%	0.00313	
CBT	< LOQ		%	0.00313	
Δ10-THC-9R	< LOQ		%	0.00313	
Δ10-THC-9S	< LOQ		%	0.00313	
Δ10-THC-Total	< LOQ		%	0.00627	
Δ8-THC [±]	< LOQ		%	0.00313	
Δ8-THCV	< LOQ		%	0.00313	
Δ9-THC [±]	0.173		%	0.00313	
Δ9-THC-A [±]	< LOQ		%	0.00313	
Δ9-THC-Total [±]	0.173		%	0.00588	
Δ9-THCP	< LOQ		%	0.00313	
Δ9-THCV	< LOQ		%	0.00313	
Δ9-THCV-A	< LOQ		%	0.00313	
Δ9-THCV-Total	< LOQ		%	0.00585	



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Potency	Method: J AOAC 2015 V98-6 (mod) ^b	Units %	Batch: 2403711	Analyze: 5/14/24 6:25:00 PM	
Analyte	Result	Limits	Units	LOQ	Notes
exo-THC	< LOQ		%	0.00313	
Total Cannabinoids	0.173		%		

Potency per 0.55g	Method: J AOAC 2015 V98-6 (mod) ^b	Units mg/se	Batch: 2403711	Analyze: 5/14/24 6:25:00 PM	
Analyte	Result	Limits	Units	LOQ	Notes
CBC per 0.55g	< LOQ		mg/0.55g	0.0172	
CBC-A per 0.55g	< LOQ		mg/0.55g	0.0172	
CBC-Total per 0.55g	< LOQ		mg/0.55g	0.0323	
CBD per 0.55g	< LOQ		mg/0.55g	0.0172	
CBD-A per 0.55g [±]	< LOQ		mg/0.55g	0.0172	
CBD-Total per 0.55g [±]	< LOQ		mg/0.55g	0.0323	
CBDV per 0.55g	< LOQ		mg/0.55g	0.0172	
CBDV-A per 0.55g	< LOQ		mg/0.55g	0.0172	
CBDV-Total per 0.55g	< LOQ		mg/0.55g	0.0322	
CBE per 0.55g	< LOQ		mg/0.55g	0.0172	
CBG per 0.55g	< LOQ		mg/0.55g	0.0172	
CBG-A per 0.55g	< LOQ		mg/0.55g	0.0172	
CBG-Total per 0.55g	< LOQ		mg/0.55g	0.0322	
CBL per 0.55g	< LOQ		mg/0.55g	0.0172	
CBL-A per 0.55g	< LOQ		mg/0.55g	0.0172	
CBL-Total per 0.55g	< LOQ		mg/0.55g	0.0323	
CBN per 0.55g	< LOQ		mg/0.55g	0.0172	
CBT per 0.55g	< LOQ		mg/0.55g	0.0172	
Δ10-THC-9R per 0.55g	< LOQ		mg/0.55g	0.0172	
Δ10-THC-9S per 0.55g	< LOQ		mg/0.55g	0.0172	
Δ10-THC-Total per 0.55g	< LOQ		mg/0.55g	0.0345	
Δ8-THC per 0.55g [±]	< LOQ		mg/0.55g	0.0172	
Δ8-THCV per 0.55g	< LOQ		mg/0.55g	0.0172	
Δ9-THC per 0.55g [±]	0.952		mg/0.55g	0.0172	
Δ9-THC-Total per 0.55g	0.952		mg/0.55g	0.0323	
Δ9-THCP per 0.55g	< LOQ		mg/0.55g	0.0172	
Δ9-THCV per 0.55g	< LOQ		mg/0.55g	0.0172	
Δ9-THCV-A per 0.55g	< LOQ		mg/0.55g	0.0172	
Δ9-THCV-Total per 0.55g	< LOQ		mg/0.55g	0.0324	
exo-THC per 0.55g	< LOQ		mg/0.55g	0.0172	
THC-A per 0.55g [±]	< LOQ		mg/0.55g	0.0172	
Total Cannabinoids per 0.55g	0.952		mg/0.55g		

Microbiology

Analyte	Result	Limits	Units	LOQ	Batch	Analyzed Method	Status	Notes
E.coli	< LOQ		cfu/g	10	2403651	05/16/24 AOAC 991.14 (Petrifilm)		
Total Coliforms	< LOQ		cfu/g	10	2403651	05/16/24 AOAC 991.14 (Petrifilm)		
Mold (RAPID Petrifilm)	< LOQ		cfu/g	10	2403652	05/17/24 AOAC 2014.05 (RAPID)		
Yeast (RAPID Petrifilm)	< LOQ		cfu/g	10	2403652	05/17/24 AOAC 2014.05 (RAPID)		



Solvents											
Method: Residual Solvents by HS-GC-MS ^b											
Units µg/g											
Batch 2403762											
Analyze 05/16/24 12:37 PM											
Analyte	Result	Limits	LOQ	Status	Notes	Analyte	Result	Limits	LOQ	Status	Notes
1,4-Dioxane [⊥]	< LOQ		100			2-Butanol [⊥]	< LOQ		200		
2-Ethoxyethanol [⊥]	< LOQ		30.0			2-Methylbutane (Isopentane) [⊥]	< LOQ		200		
2-Methylpentane [⊥]	< LOQ		30.0			2-Propanol (IPA) [⊥]	< LOQ		200		
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		200			Acetonitrile [⊥]	< LOQ		100		
Benzene [⊥]	< LOQ		1.00			Butanes (sum) [⊥]	< LOQ		400		
Cyclohexane [⊥]	< LOQ		200			Ethyl acetate [⊥]	< LOQ		200		
Ethyl benzene	< LOQ		200			Ethyl ether [⊥]	< LOQ		200		
Ethylene glycol [⊥]	< LOQ		200			Ethylene oxide [⊥]	< LOQ		20.0		
Hexanes (sum) [⊥]	< LOQ		150			Isopropyl acetate [⊥]	< LOQ		200		
Isopropylbenzene (Cumene) [⊥]	< LOQ		30.0			m,p-Xylene [⊥]	< LOQ		200		
Methanol [⊥]	< LOQ		200			Methylene chloride [⊥]	< LOQ		60.0		
Methylpropane (Isobutane) [⊥]	< LOQ		200			n-Butane [⊥]	< LOQ		200		
n-Heptane [⊥]	< LOQ		200			n-Hexane [⊥]	< LOQ		30.0		
n-Pentane [⊥]	< LOQ		200			o-Xylene [⊥]	< LOQ		200		
Pentanes (sum)	< LOQ		600			Propane	< LOQ		200		
Tetrahydrofuran [⊥]	< LOQ		100			Toluene [⊥]	< LOQ		100		
Total Xylenes [⊥]	< LOQ		400			Total Xylenes and Ethyl benzene	< LOQ		600		



Pesticides											
Method: AOAC 2007.01 & EN 15662 (mod)						Units mg/kg		Batch 2403785		Analyze 05/17/24 09:01 AM	
Analyte	Result	Limits	LOQ	Status	Notes	Analyte	Result	Limits	LOQ	Status	Notes
Abamectin [±]	< LOQ		0.250			Acephate	< LOQ		0.200		
Acequinocyl [±]	< LOQ		1.00			Acetamiprid	< LOQ		0.100		
Aldicarb [±]	< LOQ		0.200			Azoxystrobin [±]	< LOQ		0.100		
Bifenazate [±]	< LOQ		0.100			Bifenthrin [±]	< LOQ		0.100		
Boscalid [±]	< LOQ		0.200			Carbaryl [±]	< LOQ		0.100		
Carbofuran [±]	< LOQ		0.100			Chlorantraniliprole [±]	< LOQ		0.100		
Chlorfenapyr [±]	< LOQ		0.500			Chlorpyrifos-ethyl [±]	< LOQ		0.100		
Clofentezine [±]	< LOQ		0.100			Cyfluthrin (sum) [±]	< LOQ		0.500		
Cypermethrin and	< LOQ		0.500			Daminozide [±]	< LOQ		0.500		
Diazinon [±]	< LOQ		0.100			Dichlorvos [±]	< LOQ		0.500		
Dimethoate [±]	< LOQ		0.100			Ethoprophos [±]	< LOQ		0.100		
Etofenprox [±]	< LOQ		0.200			Etoxazole [±]	< LOQ		0.100		
Fenoxycarb [±]	< LOQ		0.100			Fenpyroximate [±]	< LOQ		0.200		
Fipronil [±]	< LOQ		0.200			Flonicamid [±]	< LOQ		0.400		
Fludioxonil [±]	< LOQ		0.200			Hexythiazox [±]	< LOQ		0.400		
Imazalil [±]	< LOQ		0.100			Imidacloprid [±]	< LOQ		0.200		
Kresoxim-methyl [±]	< LOQ		0.200			Malathion [±]	< LOQ		0.100		
Metalaxyl [±]	< LOQ		0.100			Methiocarb [±]	< LOQ		0.100		
Methomyl [±]	< LOQ		0.200			MGK-264 [±]	< LOQ		0.100		
Myclobutanil [±]	< LOQ		0.100			Naled [±]	< LOQ		0.250		
Oxamyl [±]	< LOQ		0.500			Paclobutrazole [±]	< LOQ		0.200		
Parathion-Methyl [±]	< LOQ		0.100			Permethrin and isomers	< LOQ		0.100		
Phosmet [±]	< LOQ		0.100			Piperonyl butoxide [±]	< LOQ		1.00		
Prallethrin [±]	< LOQ		0.100			Propiconazole [±]	< LOQ		0.200		
Propoxur [±]	< LOQ		0.100			Pyrethrin I (total) [±]	< LOQ		0.500		
Pyridaben [±]	< LOQ		0.100			Spinosad [±]	< LOQ		0.100		
Spiromesifen [±]	< LOQ		0.100			Spirotetramat [±]	< LOQ		0.100		
Spiroxamine [±]	< LOQ		0.200			Tebuconazole [±]	< LOQ		0.200		
Thiacloprid [±]	< LOQ		0.100			Thiamethoxam [±]	< LOQ		0.100		
Trifloxystrobin [±]	< LOQ		0.100								

Metals										
Analyte	Result	Limits	Units	LOQ	Batch	Analyzed	Method	Status	Notes	
Arsenic [±]	< LOQ		mg/kg	0.0200	2403796	05/17/24	AOAC 2013.06 (mod.) ^p			
Cadmium [±]	< LOQ		mg/kg	0.0200	2403796	05/17/24	AOAC 2013.06 (mod.) ^p			
Lead [±]	< LOQ		mg/kg	0.0200	2403796	05/17/24	AOAC 2013.06 (mod.) ^p			
Mercury [±]	< LOQ		mg/kg	0.0100	2403796	05/17/24	AOAC 2013.06 (mod.) ^p			



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Report Number: 24-005230/D001.R002
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Received: 05/13/24 11:26

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.

^p = ISO/IEC 17025:2017 accredited method.

[⊥] = TNI accredited analyte.

Units of Measure

cfu/g = Colony forming units per gram

g = Gram

µg/g = Microgram per gram

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

mg/0.55g = Milligram per 0.55g

% = Percentage of sample

% wt = µg/g divided by 10,000

Approved Signatory

Derrick Tanner
General Manager



12423 NE Whitaker Way
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 503-254-1794



Report Number: 24-005230/D001.R002
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Hemp & Cannabis
 Chain of Custody

Munny-&-Paul-1715619361

ORELAP ID: OR1000028 ANAB ISO17025 ID: AT1508

Company Details Company: <u>Munny & Paul</u> Contact: <u>Laura Roos</u> Street Address: <u>2256 Terminal Road</u> City, State, Zip: <u>St. Paul, unde</u>		

Relinquished By	Date	Time	Received By	Date	Time	Received Temp., °C	Evidence of Cooling?
<i>Laura Roos</i>	<i>05/13/2024</i>	<i>09:56</i>	<i>rbs</i>	<i>05/13/2024</i>	<i>11:26</i>	<i>20.30</i>	<i>No</i>



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Purchase Order:
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Laboratory Quality Control Results

J AOAC 2015 V98-6 Batch ID: 2403711

Laboratory Control Sample										
Analyte	LCS	Result	Spike	Units	% Rec	Limits		Evaluation	Notes	
CBDVA	2	0.0366	0.0358	%	102	80.0	- 120	Acceptable		
CBDV	2	0.0345	0.0340	%	101	80.0	- 120	Acceptable		
CBE	2	0.0316	0.0315	%	100	80.0	- 120	Acceptable		
CBDA	1	0.0310	0.0309	%	100	90.0	- 110	Acceptable		
CBGA	1	0.0307	0.0304	%	101	80.0	- 120	Acceptable		
CBG	1	0.0345	0.0344	%	100	80.0	- 120	Acceptable		
CBD	1	0.0339	0.0335	%	101	90.0	- 110	Acceptable		
THCV	2	0.0342	0.0336	%	102	80.0	- 120	Acceptable		
d8THCV	2	0.0361	0.0360	%	100	80.0	- 120	Acceptable		
THCVA	2	0.0324	0.0318	%	102	80.0	- 120	Acceptable		
CBN	1	0.0323	0.0320	%	101	80.0	- 120	Acceptable		
exo-THC	2	0.0331	0.0331	%	100	80.0	- 120	Acceptable		
d9THC	1	0.0330	0.0324	%	102	90.0	- 110	Acceptable		
d8THC	1	0.0321	0.0323	%	99.4	90.0	- 110	Acceptable		
9S-d10THC	1	0.0323	0.0322	%	100	80.0	- 120	Acceptable		
CBL	2	0.0328	0.0331	%	99.1	80.0	- 120	Acceptable		
9R-d10THC	1	0.0312	0.0314	%	99.5	80.0	- 120	Acceptable		
CBC	2	0.0347	0.0349	%	99.6	80.0	- 120	Acceptable		
THCA	1	0.0312	0.0304	%	103	90.0	- 110	Acceptable		
CBCA	2	0.0339	0.0336	%	101	80.0	- 120	Acceptable		
CBLA	2	0.0341	0.0339	%	101	80.0	- 120	Acceptable		
d9THCP	2	0.0322	0.0324	%	99.3	80.0	- 120	Acceptable		
CBT	2	0.0337	0.0351	%	96.0	80.0	- 120	Acceptable		

Method Blank							
Analyte	Result	LOQ	Units	Limits	Evaluation	Notes	
CBDVA	<LOQ	0.00328	%	< 0.00328	Acceptable		
CBDV	<LOQ	0.00328	%	< 0.00328	Acceptable		
CBE	<LOQ	0.00328	%	< 0.00328	Acceptable		
CBDA	<LOQ	0.00328	%	< 0.00328	Acceptable		
CBGA	<LOQ	0.00328	%	< 0.00328	Acceptable		
CBG	<LOQ	0.00328	%	< 0.00328	Acceptable		
CBD	<LOQ	0.00328	%	< 0.00328	Acceptable		
THCV	<LOQ	0.00328	%	< 0.00328	Acceptable		
d8THCV	<LOQ	0.00328	%	< 0.00328	Acceptable		
THCVA	<LOQ	0.00328	%	< 0.00328	Acceptable		
CBN	<LOQ	0.00328	%	< 0.00328	Acceptable		
exo-THC	<LOQ	0.00328	%	< 0.00328	Acceptable		
d9THC	<LOQ	0.00328	%	< 0.00328	Acceptable		
d8THC	<LOQ	0.00328	%	< 0.00328	Acceptable		
9S-d10THC	<LOQ	0.00328	%	< 0.00328	Acceptable		
CBL	<LOQ	0.00328	%	< 0.00328	Acceptable		
9R-d10THC	<LOQ	0.00328	%	< 0.00328	Acceptable		
CBC	<LOQ	0.00328	%	< 0.00328	Acceptable		
THCA	<LOQ	0.00328	%	< 0.00328	Acceptable		
CBCA	<LOQ	0.00328	%	< 0.00328	Acceptable		
CBLA	<LOQ	0.00328	%	< 0.00328	Acceptable		
d9THCP	<LOQ	0.00328	%	< 0.00328	Acceptable		
CBT	<LOQ	0.00328	%	< 0.00328	Acceptable		

Abbreviations

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

Units of Measure:

% - Percent



Laboratory Quality Control Results

AOAC 2015 V98-6		Batch ID: 2403711						
Sample Duplicate		Sample ID: 24-005147-0002						
Analyte	Result	Org. Result	LOQ	Units	RPD	Limits	Evaluation	Notes
CBDVA	<LOQ	<LOQ	0.00317	%	NA	< 20	Acceptable	
CBDV	<LOQ	<LOQ	0.00317	%	NA	< 20	Acceptable	
CBE	0.0243	0.0246	0.00317	%	1.46	< 20	Acceptable	
CBDA	0.0666	0.0677	0.00317	%	1.64	< 20	Acceptable	
CBGA	<LOQ	<LOQ	0.00317	%	NA	< 20	Acceptable	
CBG	<LOQ	<LOQ	0.00317	%	NA	< 20	Acceptable	
CBD	0.162	0.165	0.00317	%	1.63	< 20	Acceptable	
THCV	<LOQ	<LOQ	0.00317	%	NA	< 20	Acceptable	
d8THCV	<LOQ	<LOQ	0.00317	%	NA	< 20	Acceptable	
THCVA	<LOQ	<LOQ	0.00317	%	NA	< 20	Acceptable	
CBN	<LOQ	<LOQ	0.00317	%	NA	< 20	Acceptable	
exo-THC	<LOQ	<LOQ	0.00317	%	NA	< 20	Acceptable	
d9THC	<LOQ	<LOQ	0.00317	%	NA	< 20	Acceptable	
d8THC	<LOQ	<LOQ	0.00317	%	NA	< 20	Acceptable	
9S-d10THC	<LOQ	<LOQ	0.00317	%	NA	< 20	Acceptable	
CBL	<LOQ	<LOQ	0.00317	%	NA	< 20	Acceptable	
9R-d10THC	<LOQ	<LOQ	0.00317	%	NA	< 20	Acceptable	
CBC	<LOQ	<LOQ	0.00317	%	NA	< 20	Acceptable	
THCA	<LOQ	<LOQ	0.00317	%	NA	< 20	Acceptable	
CBCA	<LOQ	<LOQ	0.00317	%	NA	< 20	Acceptable	
CBLA	<LOQ	<LOQ	0.00317	%	NA	< 20	Acceptable	
d9THCP	<LOQ	<LOQ	0.00317	%	NA	< 20	Acceptable	
CBT	<LOQ	<LOQ	0.00317	%	NA	< 20	Acceptable	

Abbreviations

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

Units of Measure:

% - Percent



Laboratory Quality Control Results

Residual Solvents				Batch ID: 2403762					
Method Blank				Laboratory Control Sample					
Analyte	Result	LOQ	Notes	Result	Spike	Units	% Rec	Limits	Notes
Propane	ND	< 200		460	584	µg/g	78.8	60 - 120	
Isobutane	ND	< 200		618	767	µg/g	80.6	60 - 120	
Butane	ND	< 200		646	782	µg/g	82.6	60 - 120	
2,2-Dimethylpropane	ND	< 200		794	939	µg/g	84.6	60 - 120	
Methanol	ND	< 200		1140	1600	µg/g	71.3	60 - 120	
Ethylene Oxide	ND	< 30		47.8	57.1	µg/g	83.7	60 - 120	
2-Methylbutane	ND	< 200		1210	1600	µg/g	75.6	60 - 120	
Pentane	ND	< 200		1230	1610	µg/g	76.4	60 - 120	
Ethanol	ND	< 200		1230	1600	µg/g	76.9	70 - 130	
Ethyl Ether	ND	< 200		1250	1600	µg/g	78.1	60 - 120	
2,2-Dimethylbutane	ND	< 30		129	162	µg/g	79.6	60 - 120	
Acetone	ND	< 200		1200	1600	µg/g	75.0	60 - 120	
2-Propanol	ND	< 200		1250	1600	µg/g	78.1	60 - 120	
Ethyl Formate	ND	< 500		1350	1630	µg/g	82.8	70 - 130	
Acetonitrile	ND	< 100		379	487	µg/g	77.8	60 - 120	
Methyl Acetate	ND	< 500		1420	1610	µg/g	88.2	70 - 130	
2,3-Dimethylbutane	ND	< 30		123	161	µg/g	76.4	60 - 120	
Dichloromethane	ND	< 60		373	483	µg/g	77.2	60 - 120	
2-Methylpentane	ND	< 30		125	164	µg/g	76.2	60 - 120	
MTBE	ND	< 500		1450	1610	µg/g	90.1	70 - 130	
3-Methylpentane	ND	< 30		124	160	µg/g	77.5	60 - 120	
Hexane	ND	< 30		134	171	µg/g	78.4	60 - 120	
1-Propanol	ND	< 500		1470	1610	µg/g	91.3	70 - 130	
Methylethylketone	ND	< 500		1450	1610	µg/g	90.1	70 - 130	
Ethyl acetate	ND	< 200		1300	1620	µg/g	80.2	60 - 120	
2-Butanol	ND	< 200		1310	1600	µg/g	81.9	60 - 120	
Tetrahydrofuran	ND	< 100		387	481	µg/g	80.5	60 - 120	
Cyclohexane	ND	< 200		1370	1610	µg/g	85.1	60 - 120	
2-methyl-1-propanol	ND	< 500		1350	1610	µg/g	83.9	70 - 130	
Benzene	ND	< 1		4.32	5.17	µg/g	83.6	60 - 120	
Isopropyl Acetate	ND	< 200		1380	1600	µg/g	86.3	60 - 120	
Heptane	ND	< 200		1370	1620	µg/g	84.6	60 - 120	
1-Butanol	ND	< 500		1320	1610	µg/g	82.0	70 - 130	
Propyl Acetate	ND	< 500		1370	1610	µg/g	85.1	70 - 130	
1,4-Dioxane	ND	< 100		410	497	µg/g	82.5	60 - 120	
2-Ethoxyethanol	ND	< 30		130	160	µg/g	81.3	60 - 120	
Methylisobutylketone	ND	< 500		1320	1620	µg/g	81.5	70 - 130	
3-Methyl-1-butanol	ND	< 500		1250	1610	µg/g	77.6	70 - 130	
Ethylene Glycol	ND	< 200		355	483	µg/g	73.5	60 - 120	
Toluene	ND	< 100		411	482	µg/g	85.3	60 - 120	
Isobutyl Acetate	ND	< 500		1320	1620	µg/g	81.5	70 - 130	
1-Pentanol	ND	< 500		1240	1610	µg/g	77.0	70 - 130	
Butyl Acetate	ND	< 500		1360	1650	µg/g	82.4	70 - 130	
Ethylbenzene	ND	< 200		808	970	µg/g	83.3	60 - 120	
m,p-Xylene	ND	< 200		799	963	µg/g	83.0	60 - 120	
o-Xylene	ND	< 200		819	961	µg/g	85.2	60 - 120	
Cumene	ND	< 30		140	164	µg/g	85.4	60 - 120	
Anisole	ND	< 500		1120	1610	µg/g	69.6	70 - 130	Q6
DMSO	ND	< 500		1280	1610	µg/g	79.5	70 - 130	
1,2-dimethoxyethane	ND	< 50		151	170	µg/g	88.8	70 - 130	
Triethylamine	ND	< 500		1120	1620	µg/g	69.1	70 - 130	Q6
N,N-dimethylformamide	ND	< 150		424	499	µg/g	85.0	70 - 130	
N,N-dimethylacetamide	ND	< 150		333	489	µg/g	68.1	70 - 130	Q6
Pyridine	ND	< 50		120	167	µg/g	71.9	70 - 130	
Sulfolane	ND	< 50		97.9	169	µg/g	57.9	70 - 130	Q6
1,2-Dichloroethane	ND	< 1		0.822	1	µg/g	82.2	70 - 130	
Chloroform	ND	< 1		0.865	1	µg/g	86.5	70 - 130	
Trichloroethylene	ND	< 1		0.846	1	µg/g	84.6	70 - 130	
1,1-Dichloroethane	ND	< 1		0.851	1	µg/g	85.1	70 - 130	



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Legacy ID: CFL-E33Effective:

QC - Sample Duplicate

Sample ID: 24-004985-0001-01

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



Laboratory Pesticide Quality Control Results

AOAC 2007.1 & EN 15662		Units: mg/Kg			Batch ID: 2403785			
Method Blank		Laboratory Control Sample						
Analyte	Blank Result	Blank Limits	Notes	LCS Result	LCS Spike	LCS % Rec	Limits	Notes
Abamectin	0.000	< 0.250		0.802	1.000	80.2	50.0	150
Acephate	0.072	< 0.200		0.646	0.800	80.7	60.0	120
Acequinocyl	0.000	< 1.000		3.844	4.000	96.1	40.0	160
Acetamiprid	0.000	< 0.100		0.355	0.400	88.8	60.0	120
Aldicarb	0.000	< 0.200		0.762	0.800	95.3	60.0	120
Azoxystrobin	0.010	< 0.100		0.360	0.400	90.0	60.0	120
Bifenazate	0.000	< 0.100		0.361	0.400	90.2	60.0	120
Bifenthrin	0.000	< 0.100		0.379	0.400	94.8	50.0	150
Boscalid	0.000	< 0.200		0.742	0.800	92.8	60.0	120
Carbaryl	0.000	< 0.100		0.354	0.400	88.4	60.0	120
Carbofuran	0.000	< 0.100		0.335	0.400	83.8	60.0	120
Chlorantraniliprole	0.000	< 0.100		0.381	0.400	95.2	60.0	120
Chlorfenapyr	0.000	< 0.500		1.531	2.000	76.6	60.0	120
Chlorpyrifos	0.000	< 0.100		0.356	0.400	89.0	60.0	120
Clofentezine	0.000	< 0.100		0.328	0.400	82.1	60.0	120
Cyfluthrin	0.000	< 0.500		1.963	2.000	98.2	50.0	150
Cypermethrin	0.000	< 0.500		1.939	2.000	97.0	50.0	150
Daminozide	0.000	< 0.500		0.790	2.000	39.5	60.0	120
Diazinon	0.000	< 0.100		0.366	0.400	91.6	60.0	120
Dichlorvos	0.000	< 0.500		1.940	2.000	97.0	60.0	120
Dimethoate	0.000	< 0.100		0.367	0.400	91.8	60.0	120
Ethoprophos	0.000	< 0.100		0.369	0.400	92.4	60.0	120
Etofenprox	0.000	< 0.200		0.764	0.800	95.5	50.0	150
Etoazole	0.000	< 0.100		0.392	0.400	97.9	60.0	120
Fenoxycarb	0.000	< 0.100		0.354	0.400	88.6	60.0	120
Fenpyroximate	0.000	< 0.200		0.714	0.800	89.3	60.0	120
Fipronil	0.000	< 0.200		0.843	0.800	105.3	60.0	120
Fonicamid	0.000	< 0.250		0.920	1.000	92.0	60.0	120
Fludioxonil	0.000	< 0.200		0.746	0.800	93.3	50.0	150
Hexythiazox	0.000	< 0.250		0.894	1.000	89.4	60.0	120
Imazalil	0.000	< 0.100		0.368	0.400	92.1	60.0	120
Imidacloprid	0.000	< 0.200		0.705	0.800	88.1	60.0	120
Kresoxim-methyl	0.000	< 0.200		0.720	0.800	89.9	60.0	120
Malathion	0.000	< 0.100		0.360	0.400	90.0	60.0	120
Metalaxyl	0.000	< 0.100		0.366	0.400	91.6	60.0	120
Methiocarb	0.000	< 0.100		0.365	0.400	91.4	60.0	120
Methomyl	0.000	< 0.200		0.722	0.800	90.3	60.0	120
MGK-264	0.000	< 0.100		0.338	0.400	84.5	50.0	150
Myclobutanil	0.000	< 0.100		0.386	0.400	96.6	60.0	120
Naled	0.000	< 0.250		0.921	1.000	92.1	50.0	150
Oxamyl	0.000	< 0.500		2.071	2.000	103.6	60.0	120
Paclobutrazole	0.000	< 0.200		0.766	0.800	95.8	60.0	120
Parathion-Methyl	0.000	< 0.100		0.426	0.400	106.6	50.0	150
Permethrin	0.000	< 0.100		0.421	0.400	105.3	50.0	150
Phosmet	0.000	< 0.100		0.346	0.400	86.6	50.0	150
Piperonyl butoxide	0.000	< 0.500		1.973	2.000	98.7	60.0	120
Prallethrin	0.000	< 0.100		0.356	0.400	89.1	60.0	120
Propiconazole	0.000	< 0.200		0.738	0.800	92.3	60.0	120
Propoxur	0.000	< 0.100		0.366	0.400	91.6	60.0	120
Pyrethrin (Summe)	0.000	< 0.100		0.445	0.488	91.1	60.0	120
Pyridaben	0.000	< 0.100		0.387	0.400	96.8	50.0	150
Spinosad	0.000	< 0.100		0.367	0.388	94.5	50.0	150
Spiromesifen	0.000	< 0.100		0.337	0.400	84.2	60.0	120
Spirotetramat	0.000	< 0.100		0.356	0.400	89.1	60.0	120
Spiroxamine	0.000	< 0.200		0.723	0.800	90.4	60.0	120

Q7



Laboratory Pesticide Quality Control Results

AOAC 2007.1 & EN 15662		Units: mg/Kg					Batch ID: 2403785			
Matrix Spike/Matrix Spike Duplicate Recoveries							Sample ID: 24-005230-0001			
Analyte	Result	MS Res	MSD Res	Spike	RPD%	Limit	MS % Rec	MSD % Rec	Limits	Notes
Abamectin	0.000	0.886	0.949	1.000	6.9%	< 30	88.6%	94.9%	50 - 150	
Acephate	0.000	0.524	0.478	0.800	9.2%	< 30	65.5%	59.8%	50 - 150	
Acequinocyl	0.000	4.326	4.086	4.000	5.7%	< 30	108.1%	102.2%	50 - 150	
Acetamiprid	0.000	0.386	0.372	0.400	3.7%	< 30	96.6%	93.1%	50 - 150	
Aldicarb	0.000	0.721	0.683	0.800	5.5%	< 30	90.2%	85.4%	50 - 150	
Azoxystrobin	0.028	0.405	0.381	0.400	6.7%	< 30	94.2%	88.1%	50 - 150	
Bifenazate	0.000	0.297	0.294	0.400	1.0%	< 30	74.3%	73.6%	50 - 150	
Bifenthrin	0.000	0.443	0.387	0.400	13.5%	< 30	110.8%	96.8%	50 - 150	
Boscalid	0.000	0.573	0.612	0.800	6.6%	< 30	71.6%	76.5%	50 - 150	
Carbaryl	0.000	0.359	0.363	0.400	0.9%	< 30	89.8%	90.7%	50 - 150	
Carbofuran	0.000	0.334	0.333	0.400	0.4%	< 30	83.6%	83.3%	50 - 150	
Chlorantraniliprole	0.000	0.338	0.342	0.400	1.0%	< 30	84.6%	85.4%	50 - 150	
Chlorfenapyr	0.000	0.750	2.161	2.000	96.9%	< 30	37.5%	108.0%	50 - 150	R, Q
Chlorpyrifos	0.000	0.408	0.381	0.400	6.6%	< 30	101.9%	95.4%	50 - 150	
Clofentezine	0.000	0.351	0.333	0.400	5.0%	< 30	87.6%	83.4%	50 - 150	
Cyfluthrin	0.000	1.882	1.909	2.000	1.4%	< 30	94.1%	95.5%	30 - 150	
Cypermethrin	0.018	2.168	2.201	2.000	1.5%	< 30	107.5%	109.1%	50 - 150	
Daminozide	0.000	0.693	0.633	2.000	9.0%	< 30	34.6%	31.7%	30 - 150	
Diazinon	0.000	0.354	0.347	0.400	2.0%	< 30	88.5%	86.7%	50 - 150	
Dichlorvos	0.000	2.000	2.001	2.000	0.0%	< 30	100.0%	100.0%	50 - 150	
Dimethoate	0.000	0.333	0.358	0.400	7.0%	< 30	83.4%	89.4%	50 - 150	
Ethoprophos	0.000	0.332	0.328	0.400	1.4%	< 30	83.1%	81.9%	50 - 150	
Etofenprox	0.000	0.728	0.732	0.800	0.7%	< 30	90.9%	91.5%	50 - 150	
Etoxazole	0.000	0.394	0.379	0.400	3.9%	< 30	98.5%	94.7%	50 - 150	
Fenoxycarb	0.000	0.365	0.352	0.400	3.6%	< 30	91.3%	88.1%	50 - 150	
Fenpyroximate	0.000	0.700	0.742	0.800	5.9%	< 30	87.5%	92.8%	50 - 150	
Fipronil	0.000	0.731	0.763	0.800	4.2%	< 30	91.4%	95.3%	50 - 150	
Fonicamid	0.000	0.835	0.818	1.000	2.0%	< 30	83.5%	81.8%	50 - 150	
Fludioxonil	0.028	0.833	0.828	0.800	0.5%	< 30	100.6%	100.0%	50 - 150	
Hexythiazox	0.000	1.278	1.267	1.000	0.8%	< 30	127.8%	126.7%	50 - 150	
Imazalil	0.000	0.382	0.347	0.400	9.8%	< 30	95.6%	86.6%	50 - 150	
Imidacloprid	0.000	0.659	0.624	0.800	5.3%	< 30	82.3%	78.0%	50 - 150	
Kresoxim-methyl	0.000	0.701	0.651	0.800	7.3%	< 30	87.6%	81.4%	50 - 150	
Malathion	0.000	0.314	0.335	0.400	6.4%	< 30	78.5%	83.7%	50 - 150	
Metalaxyl	0.000	0.354	0.362	0.400	2.1%	< 30	88.5%	90.4%	50 - 150	
Methiocarb	0.000	0.354	0.345	0.400	2.5%	< 30	88.4%	86.2%	50 - 150	
Methomyl	0.000	0.660	0.637	0.800	3.5%	< 30	82.5%	79.6%	50 - 150	
MGK-264	0.000	0.335	0.351	0.400	4.7%	< 30	83.8%	87.8%	50 - 150	
Myclobutanil	0.000	0.323	0.301	0.400	6.9%	< 30	80.7%	75.3%	50 - 150	
Naled	0.000	0.841	0.885	1.000	5.0%	< 30	84.1%	88.5%	50 - 150	
Oxamyl	0.000	2.004	1.909	2.000	4.8%	< 30	100.2%	95.5%	50 - 150	
Paclobutrazole	0.000	0.556	0.544	0.800	2.2%	< 30	69.5%	68.0%	50 - 150	
Parathion-Methyl	0.000	0.438	0.331	0.400	28.0%	< 30	109.5%	82.6%	30 - 150	
Permethrin	0.000	0.372	0.434	0.400	15.4%	< 30	93.0%	108.5%	50 - 150	
Phosmet	0.000	0.325	0.336	0.400	3.5%	< 30	81.1%	84.0%	50 - 150	
Piperonyl butoxide	0.000	2.054	1.897	2.000	8.0%	< 30	102.7%	94.8%	50 - 150	
Prallethrin	0.000	0.364	0.366	0.400	0.3%	< 30	91.1%	91.4%	50 - 150	
Propiconazole	0.020	0.714	0.681	0.800	4.9%	< 30	86.8%	82.7%	50 - 150	
Propoxur	0.000	0.366	0.359	0.400	2.0%	< 30	91.4%	89.6%	50 - 150	
Pyrethrin (Summe)	0.003	0.434	0.440	0.488	1.3%	< 30	88.4%	89.5%	50 - 150	
Pyridaben	0.000	0.380	0.406	0.400	6.5%	< 30	95.1%	101.5%	50 - 150	
Spinosad	0.000	0.363	0.348	0.388	4.2%	< 30	93.5%	89.7%	50 - 150	
Spiromesifen	0.000	0.391	0.392	0.400	0.3%	< 30	97.7%	98.0%	50 - 150	
Spirotetramat	0.000	0.442	0.443	0.400	0.3%	< 30	110.4%	110.7%	50 - 150	
Spiroxamine	0.000	0.719	0.719	0.800	0.1%	< 30	89.9%	89.8%	50 - 150	



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



Report Number: 24-005230/D001.R002
Report Date: 06/26/2024
ORELAP#: OR100028
Purchase Order:
Received: 05/13/24 11:26





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.



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



Report Number: 24-000536/D005.R000
Report Date: 02/01/2024
ORELAP#: OR100028
Purchase Order:
Received: 01/18/24 11:07

Customer: Mary & Jane
Product identity: Sunny Melts 009902001
Client/Metric ID: 009902001
Laboratory ID: 24-000536-0001

Summary

Potency:

Analyte per 0.62g	Result	Limits	Units	Status	
Δ9-THC per 0.62g	0.998		mg/0.62g		THC-Total per Serving Size 0.998 mg/0.62g
					CBD-Total per Serving Size <LOQ
(Reported in milligrams per serving)					

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.



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



Report Number: 24-000536/D005.R000
Report Date: 02/01/2024
ORELAP#: OR100028
Purchase Order:
Received: 01/18/24 11:07

Customer: Mary & Jane
 2256 Terminal Road
 Saint Paul Minnesota 55113
 United States of America (USA)

Product identity: Sunny Melts 009902001

Client/Metric ID: 009902001

Sample Date:

Laboratory ID: 24-000536-0001

Evidence of Cooling: No

Temp: 18.7 °C

Relinquished by: shipping

Serving Size #1: 0.624 g

Sample Results

Potency per 0.62g	Method: J AOAC 2015 V98-6 (mod) ^b	Units mg/se	Batch: 2400509	Analyze: 1/22/24 7:00:00 PM	
Analyte	Result	Limits	Units	LOQ	Notes
CBC per 0.62g	< LOQ		mg/0.62g	0.0184	
CBC-A per 0.62g	< LOQ		mg/0.62g	0.0184	
CBC-Total per 0.62g	< LOQ		mg/0.62g	0.0346	
CBD per 0.62g	< LOQ		mg/0.62g	0.0184	
CBD-A per 0.62g	< LOQ		mg/0.62g	0.0184	
CBD-Total per 0.62g	< LOQ		mg/0.62g	0.0346	
CBDV per 0.62g	< LOQ		mg/0.62g	0.0184	
CBDV-A per 0.62g	< LOQ		mg/0.62g	0.0184	
CBDV-Total per 0.62g	< LOQ		mg/0.62g	0.0344	
CBE per 0.62g	< LOQ		mg/0.62g	0.0184	
CBG per 0.62g	< LOQ		mg/0.62g	0.0184	
CBG-A per 0.62g	< LOQ		mg/0.62g	0.0184	
CBG-Total per 0.62g	< LOQ		mg/0.62g	0.0344	
CBL per 0.62g	< LOQ		mg/0.62g	0.0184	
CBL-A per 0.62g	< LOQ		mg/0.62g	0.0184	
CBL-Total per 0.62g	< LOQ		mg/0.62g	0.0346	
CBN per 0.62g	< LOQ		mg/0.62g	0.0184	
CBT per 0.62g	< LOQ		mg/0.62g	0.0184	
Δ8-THCV per 0.62g	< LOQ		mg/0.62g	0.0184	
Δ10-THC-9R per 0.62g	< LOQ		mg/0.62g	0.0184	
Δ10-THC-9S per 0.62g	< LOQ		mg/0.62g	0.0184	
Δ10-THC-Total per 0.62g	< LOQ		mg/0.62g	0.0369	
Δ8-THC per 0.62g	< LOQ		mg/0.62g	0.0184	
Δ9-THC per 0.62g	0.998		mg/0.62g	0.0206	
delta-9-THCP per 0.62g	< LOQ		mg/0.62g	0.0184	
exo-THC per 0.62g	< LOQ		mg/0.62g	0.0184	
THC-A per 0.62g	< LOQ		mg/0.62g	0.0184	
THC-Total per 0.62g	0.998		mg/0.62g	0.0387	
THCV per 0.62g	< LOQ		mg/0.62g	0.0184	
THCV-A per 0.62g	< LOQ		mg/0.62g	0.0184	



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



Report Number: 24-000536/D005.R000
Report Date: 02/01/2024
ORELAP#: OR100028
Purchase Order:
Received: 01/18/24 11:07

Potency per 0.62g		Method: J AOAC 2015 V98-6 (mod) ^P		Units mg/se	Batch: 2400509	Analyze: 1/22/24 7:00:00 PM
Analyte	Result	Limits	Units	LOQ	Notes	
THCV-Total per 0.62g	< LOQ		mg/0.62g	0.0346		
Total Cannabinoids per 0.62g	0.998		mg/0.62g			

Microbiology

Analyte	Result	Limits	Units	LOQ	Batch	Analyzed Method	Status	Notes
E.coli	< LOQ		cfu/g	10	2400436	01/22/24 AOAC 991.14 (Petrifilm) ^P		
Total Coliforms	< LOQ		cfu/g	10	2400436	01/22/24 AOAC 991.14 (Petrifilm) ^P		
Mold (RAPID Petrifilm)	< LOQ		cfu/g	10	2400437	01/23/24 AOAC 2014.05 (RAPID) ^P		
Yeast (RAPID Petrifilm)	< LOQ		cfu/g	10	2400437	01/23/24 AOAC 2014.05 (RAPID) ^P		

Solvents		Method: Residual Solvents by GC/MS ^P				Units µg/g	Batch 2400545	Analyze 01/24/24 11:18 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-Dimethylbutane	< LOQ		30.0			2,2-Dimethylpropane (neo-pentane)	< LOQ		200		
2,3-Dimethylbutane	< LOQ		30.0			3-Methylpentane	< LOQ		30.0		
Acetone	< LOQ	5000	200	pass		Acetonitrile	< LOQ	410	100	pass	
Benzene	< LOQ	2.00	1.00	pass		Butanes (sum)	< LOQ	5000	400	pass	
Cyclohexane	< LOQ	3880	200	pass		Ethyl acetate	< LOQ	5000	200	pass	
Ethyl benzene	< LOQ		200			Ethyl ether	< LOQ	5000	200	pass	
Ethylene glycol	< LOQ	620	200	pass		Ethylene oxide	< LOQ	50.0	20.0	pass	
Hexanes (sum)	< LOQ	290	150	pass		Isopropyl acetate	< LOQ	5000	200	pass	
Isopropylbenzene (Cumene)	< LOQ	70.0	30.0	pass		m,p-Xylene	< LOQ		200		
Methanol	< LOQ	3000	200	pass		Methylene chloride	< LOQ	600	60.0	pass	
Methylpropane (Isobutane)	< LOQ		200			n-Butane	< LOQ		200		
n-Heptane	< LOQ	5000	200	pass		n-Hexane	< LOQ		30.0		
n-Pentane	< LOQ		200			o-Xylene	< LOQ		200		
Pentanes (sum)	< LOQ	5000	600	pass		Propane	< LOQ	5000	200	pass	
Tetrahydrofuran	< LOQ	720	100	pass		Toluene	< LOQ	890	100	pass	
Total Xylenes	< LOQ		400			Total Xylenes and Ethyl benzene	< LOQ	2170	600	pass	



Pesticides											
Method: AOAC 2007.01 & EN 15662 (mod) ^b						Units mg/kg		Batch 2400517		Analyze 01/23/24 11:17 AM	
Analyte	Result	Limits	LOQ	Status	Notes	Analyte	Result	Limits	LOQ	Status	Notes
Abamectin [¥]	< LOQ	0.50	0.250	pass		Acephate [¥]	< LOQ	0.40	0.200	pass	
Acequinocyl [¥]	< LOQ	2.0	1.00	pass		Acetamidrid [¥]	< 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		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	0.100	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	0.100	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 [¥]	< LOQ	0.200	mg/kg	0.0337	2400493	01/22/24	AOAC 2013.06 (mod.) ^b	pass		
Cadmium [¥]	< LOQ	0.200	mg/kg	0.0337	2400493	01/22/24	AOAC 2013.06 (mod.) ^b	pass		
Lead [¥]	< LOQ	0.500	mg/kg	0.0337	2400493	01/22/24	AOAC 2013.06 (mod.) ^b	pass		
Mercury [¥]	< LOQ	0.100	mg/kg	0.0168	2400493	01/22/24	AOAC 2013.06 (mod.) ^b	pass		



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



Report Number: 24-000536/D005.R000
Report Date: 02/01/2024
ORELAP#: OR100028
Purchase Order:
Received: 01/18/24 11:07

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/0.62g = Milligram per 0.62g

% = Percentage of sample

% wt = µg/g divided by 10,000

Approved Signatory

Derrick Tanner
General Manager



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



Report Number: 24-000536/D005.R000
Report Date: 02/01/2024
ORELAP#: OR100028
Purchase Order:
Received: 01/18/24 11:07





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



Report Number: 23-013146/D003.R000
Report Date: 11/14/2023
ORELAP#: OR100028
Purchase Order:
Received: 11/07/23 10:24

Customer: Mary & Jane
2256 Terminal Road
Saint Paul Minnesota 55113
United States of America (USA)

Product identity: Sunny Melts

Client/Metric ID: .

Sample Date:

Laboratory ID: 23-013146-0001

Evidence of Cooling: No

Temp: 21.2 °C

Relinquished by: shipping

Serving Size #1: 0.558 g

Sample Results

Potency per 0.56g		Method: J AOAC 2015 V98-6 (mod) ^b		Units mg/se Batch: 2312667		Analyze: 11/8/23 6:23:00 PM
Analyte	Result	Limits	Units	LOQ	Notes	
CBC per 0.56g	< LOQ		mg/0.56g	0.0176		
CBC-A per 0.56g	< LOQ		mg/0.56g	0.0176		
CBC-Total per 0.56g	< LOQ		mg/0.56g	0.0331		
CBD per 0.56g	< LOQ		mg/0.56g	0.0176		
CBD-A per 0.56g	< LOQ		mg/0.56g	0.0176		
CBD-Total per 0.56g	< LOQ		mg/0.56g	0.0331		
CBDV per 0.56g	< LOQ		mg/0.56g	0.0176		
CBDV-A per 0.56g	< LOQ		mg/0.56g	0.0176		
CBDV-Total per 0.56g	< LOQ		mg/0.56g	0.0329		
CBE per 0.56g	< LOQ		mg/0.56g	0.0176		
CBG per 0.56g	< LOQ		mg/0.56g	0.0176		
CBG-A per 0.56g	< LOQ		mg/0.56g	0.0176		
CBG-Total per 0.56g	< LOQ		mg/0.56g	0.0329		
CBL per 0.56g	< LOQ		mg/0.56g	0.0176		
CBL-A per 0.56g	< LOQ		mg/0.56g	0.0176		
CBL-Total per 0.56g	< LOQ		mg/0.56g	0.0331		
CBN per 0.56g	< LOQ		mg/0.56g	0.0176		
CBT per 0.56g	< LOQ		mg/0.56g	0.0176		
Δ8-THCV per 0.56g	< LOQ		mg/0.56g	0.0176		
Δ10-THC-9R per 0.56g	< LOQ		mg/0.56g	0.0176		
Δ10-THC-9S per 0.56g	< LOQ		mg/0.56g	0.0176		
Δ10-THC-Total per 0.56g	< LOQ		mg/0.56g	0.0352		
Δ8-THC per 0.56g	< LOQ		mg/0.56g	0.0176		
Δ9-THC per 0.56g	0.999		mg/0.56g	0.0179		
delta-9-THCP per 0.56g	< LOQ		mg/0.56g	0.0176		
exo-THC per 0.56g	< LOQ		mg/0.56g	0.0176		
THC-A per 0.56g	< LOQ		mg/0.56g	0.0176		
THC-Total per 0.56g	0.999		mg/0.56g	0.0335		
THCV per 0.56g	< LOQ		mg/0.56g	0.0176		
THCV-A per 0.56g	< LOQ		mg/0.56g	0.0176		



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Potency per 0.56g	Method: J AOAC 2015 V98-6 (mod) ^P	Units mg/se	Batch: 2312667	Analyze: 11/8/23 6:23:00 PM	
Analyte	Result	Limits	Units	LOQ	Notes
THCV-Total per 0.56g	< LOQ		mg/0.56g	0.0331	
Total Cannabinoids per 0.56g	0.999		mg/0.56g		

Microbiology

Analyte	Result	Limits	Units	LOQ	Batch	Analyzed Method	Status	Notes
E.coli	< LOQ	100.00	cfu/g	10	2312598	11/10/23 AOAC 991.14 (Petrifilm) ^P	pass	
Total Coliforms	90	100.00	cfu/g	10	2312598	11/10/23 AOAC 991.14 (Petrifilm) ^P	pass	
Mold (RAPID Petrifilm)	< LOQ	1,000.	cfu/g	10	2312599	11/11/23 AOAC 2014.05 (RAPID) ^P	pass	
Yeast (RAPID Petrifilm)	< LOQ	1,000.	cfu/g	10	2312599	11/11/23 AOAC 2014.05 (RAPID) ^P	pass	

Solvents	Method: Residual Solvents by GC/MS ^P					Units µg/g	Batch 2312716	Analyze 11/13/23 11:16 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-Dimethylbutane	< LOQ		30.0			2,2-Dimethylpropane (neo-pentane)	< LOQ		200			
2,3-Dimethylbutane	< LOQ		30.0			3-Methylpentane	< LOQ		30.0			
Acetone	< LOQ	5000	200	pass		Acetonitrile	< LOQ	410	100	pass		
Benzene	< LOQ	2.00	1.00	pass		Butanes (sum)	< LOQ	5000	400	pass		
Cyclohexane	< LOQ	3880	200	pass		Ethyl acetate	< LOQ	5000	200	pass		
Ethyl benzene	< LOQ		200			Ethyl ether	< LOQ	5000	200	pass		
Ethylene glycol	< LOQ	620	200	pass		Ethylene oxide	< LOQ	50.0	20.0	pass		
Hexanes (sum)	< LOQ	290	150	pass		Isopropyl acetate	< LOQ	5000	200	pass		
Isopropylbenzene (Cumene)	< LOQ	70.0	30.0	pass		m,p-Xylene	< LOQ		200			
Methanol	< LOQ	3000	200	pass		Methylene chloride	< LOQ	600	60.0	pass		
Methylpropane (Isobutane)	< LOQ		200			n-Butane	< LOQ		200			
n-Heptane	< LOQ	5000	200	pass		n-Hexane	< LOQ		30.0			
n-Pentane	< LOQ		200			o-Xylene	< LOQ		200			
Pentanes (sum)	< LOQ	5000	600	pass		Propane	< LOQ	5000	200	pass		
Tetrahydrofuran	< LOQ	720	100	pass		Toluene	< LOQ	890	100	pass		
Total Xylenes	< LOQ		400			Total Xylenes and Ethyl benzene	< LOQ	2170	600	pass		



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Pesticides											
Method: AOAC 2007.01 & EN 15662 (mod) ^b						Units mg/kg		Batch 2312662		Analyze 11/09/23 03:31 PM	
Analyte	Result	Limits	LOQ	Status	Notes	Analyte	Result	Limits	LOQ	Status	Notes
Abamectin [¥]	< LOQ	0.50	0.250	pass		Acephate [¥]	< LOQ	0.40	0.200	pass	
Acequinocyl [¥]	< LOQ	2.0	1.00	pass		Acetamidiprid [¥]	< 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		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	0.100	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	0.100	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 [¥]	< LOQ	0.200	mg/kg	0.0177	2312692	11/10/23	AOAC 2013.06 (mod.) ^b	pass		
Cadmium [¥]	< LOQ	0.200	mg/kg	0.0177	2312692	11/10/23	AOAC 2013.06 (mod.) ^b	pass		
Lead [¥]	0.0612	0.500	mg/kg	0.0177	2312692	11/10/23	AOAC 2013.06 (mod.) ^b	pass		
Mercury [¥]	< LOQ	0.100	mg/kg	0.00883	2312692	11/10/23	AOAC 2013.06 (mod.) ^b	pass		



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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.

Threshold Note: Action levels per 6 CCR 1010-21 CDPHE requirements

Ⓟ = 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/0.56g = Milligram per 0.56g

% = Percentage of sample

% wt = µg/g divided by 10,000

Approved Signatory

Derrick Tanner
General Manager



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Purchase Order:
Received: 11/07/23 10:24

Customer: Mary & Jane
 2256 Terminal Road
 Saint Paul Minnesota 55113
 United States of America (USA)

Product identity: Sunny Melts

Client/Metric ID: .

Sample Date:

Laboratory ID: 23-013146-0001

Evidence of Cooling: No

Temp: 21.2 °C

Relinquished by: shipping

Serving Size #1: 0.558 g

Sample Results

Potency per 0.56g		Method: J AOAC 2015 V98-6 (mod) ^b		Units mg/se Batch: 2312667		Analyze: 11/8/23 6:23:00 PM
Analyte	Result	Limits	Units	LOQ	Notes	
CBC per 0.56g	< LOQ		mg/0.56g	0.0176		
CBC-A per 0.56g	< LOQ		mg/0.56g	0.0176		
CBC-Total per 0.56g	< LOQ		mg/0.56g	0.0331		
CBD per 0.56g	< LOQ		mg/0.56g	0.0176		
CBD-A per 0.56g	< LOQ		mg/0.56g	0.0176		
CBD-Total per 0.56g	< LOQ		mg/0.56g	0.0331		
CBDV per 0.56g	< LOQ		mg/0.56g	0.0176		
CBDV-A per 0.56g	< LOQ		mg/0.56g	0.0176		
CBDV-Total per 0.56g	< LOQ		mg/0.56g	0.0329		
CBE per 0.56g	< LOQ		mg/0.56g	0.0176		
CBG per 0.56g	< LOQ		mg/0.56g	0.0176		
CBG-A per 0.56g	< LOQ		mg/0.56g	0.0176		
CBG-Total per 0.56g	< LOQ		mg/0.56g	0.0329		
CBL per 0.56g	< LOQ		mg/0.56g	0.0176		
CBL-A per 0.56g	< LOQ		mg/0.56g	0.0176		
CBL-Total per 0.56g	< LOQ		mg/0.56g	0.0331		
CBN per 0.56g	< LOQ		mg/0.56g	0.0176		
CBT per 0.56g	< LOQ		mg/0.56g	0.0176		
Δ8-THCV per 0.56g	< LOQ		mg/0.56g	0.0176		
Δ10-THC-9R per 0.56g	< LOQ		mg/0.56g	0.0176		
Δ10-THC-9S per 0.56g	< LOQ		mg/0.56g	0.0176		
Δ10-THC-Total per 0.56g	< LOQ		mg/0.56g	0.0352		
Δ8-THC per 0.56g	< LOQ		mg/0.56g	0.0176		
Δ9-THC per 0.56g	0.999		mg/0.56g	0.0179		
delta-9-THCP per 0.56g	< LOQ		mg/0.56g	0.0176		
exo-THC per 0.56g	< LOQ		mg/0.56g	0.0176		
THC-A per 0.56g	< LOQ		mg/0.56g	0.0176		
THC-Total per 0.56g	0.999		mg/0.56g	0.0335		
THCV per 0.56g	< LOQ		mg/0.56g	0.0176		
THCV-A per 0.56g	< LOQ		mg/0.56g	0.0176		



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Potency per 0.56g	Method: J AOAC 2015 V98-6 (mod) ^P	Units mg/se	Batch: 2312667	Analyze: 11/8/23 6:23:00 PM	
Analyte	Result	Limits	Units	LOQ	Notes
THCV-Total per 0.56g	< LOQ		mg/0.56g	0.0331	
Total Cannabinoids per 0.56g	0.999		mg/0.56g		

Microbiology

Analyte	Result	Limits	Units	LOQ	Batch	Analyzed Method	Status	Notes
E.coli	< LOQ	100.00	cfu/g	10	2312598	11/10/23 AOAC 991.14 (Petrifilm) ^P	pass	
Total Coliforms	90	100.00	cfu/g	10	2312598	11/10/23 AOAC 991.14 (Petrifilm) ^P	pass	
Mold (RAPID Petrifilm)	< LOQ	1,000.	cfu/g	10	2312599	11/11/23 AOAC 2014.05 (RAPID) ^P	pass	
Yeast (RAPID Petrifilm)	< LOQ	1,000.	cfu/g	10	2312599	11/11/23 AOAC 2014.05 (RAPID) ^P	pass	

Solvents	Method: Residual Solvents by GC/MS ^P					Units µg/g	Batch 2312716	Analyze 11/13/23 11:16 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-Dimethylbutane	< LOQ		30.0			2,2-Dimethylpropane (neo-pentane)	< LOQ		200			
2,3-Dimethylbutane	< LOQ		30.0			3-Methylpentane	< LOQ		30.0			
Acetone	< LOQ	5000	200	pass		Acetonitrile	< LOQ	410	100	pass		
Benzene	< LOQ	2.00	1.00	pass		Butanes (sum)	< LOQ	5000	400	pass		
Cyclohexane	< LOQ	3880	200	pass		Ethyl acetate	< LOQ	5000	200	pass		
Ethyl benzene	< LOQ		200			Ethyl ether	< LOQ	5000	200	pass		
Ethylene glycol	< LOQ	620	200	pass		Ethylene oxide	< LOQ	50.0	20.0	pass		
Hexanes (sum)	< LOQ	290	150	pass		Isopropyl acetate	< LOQ	5000	200	pass		
Isopropylbenzene (Cumene)	< LOQ	70.0	30.0	pass		m,p-Xylene	< LOQ		200			
Methanol	< LOQ	3000	200	pass		Methylene chloride	< LOQ	600	60.0	pass		
Methylpropane (Isobutane)	< LOQ		200			n-Butane	< LOQ		200			
n-Heptane	< LOQ	5000	200	pass		n-Hexane	< LOQ		30.0			
n-Pentane	< LOQ		200			o-Xylene	< LOQ		200			
Pentanes (sum)	< LOQ	5000	600	pass		Propane	< LOQ	5000	200	pass		
Tetrahydrofuran	< LOQ	720	100	pass		Toluene	< LOQ	890	100	pass		
Total Xylenes	< LOQ		400			Total Xylenes and Ethyl benzene	< LOQ	2170	600	pass		



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Pesticides											
Method: AOAC 2007.01 & EN 15662 (mod) ^b						Units mg/kg	Batch 2312662	Analyze 11/09/23 03:31 PM			
Analyte	Result	Limits	LOQ	Status	Notes	Analyte	Result	Limits	LOQ	Status	Notes
Abamectin [¥]	< LOQ	0.50	0.250	pass		Acephate [¥]	< LOQ	0.40	0.200	pass	
Acequinocyl [¥]	< LOQ	2.0	1.00	pass		Acetamidrid [¥]	< 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		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	0.100	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	0.100	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 [¥]	< LOQ	0.200	mg/kg	0.0177	2312692	11/10/23	AOAC 2013.06 (mod.) ^b	pass		
Cadmium [¥]	< LOQ	0.200	mg/kg	0.0177	2312692	11/10/23	AOAC 2013.06 (mod.) ^b	pass		
Lead [¥]	0.0612	0.500	mg/kg	0.0177	2312692	11/10/23	AOAC 2013.06 (mod.) ^b	pass		
Mercury [¥]	< LOQ	0.100	mg/kg	0.00883	2312692	11/10/23	AOAC 2013.06 (mod.) ^b	pass		



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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.

Threshold Note: Action levels per 6 CCR 1010-21 CDPHE requirements

Ⓟ = 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/0.56g = Milligram per 0.56g

% = Percentage of sample

% wt = µg/g divided by 10,000

Approved Signatory

Derrick Tanner
General Manager



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



Report Number: 23-013146/D003.R000
Report Date: 11/14/2023
ORELAP#: OR100028
Purchase Order:
Received: 11/07/23 10:24



MARY & JANE

CONSOLIDATED TEST RESULTS SUMMARY Please see the following pages for full results.

PRODUCT NAME: Sunny Melts	LABORATORY: Columbia Laboratories	LOQ: Limit of Quantitation LOD: Limit of Detection
BATCH #: 2311014		
SERVING SIZE: 1 Melt (0.68g)	OREGON ACCREDITATION (LAB): OR100028	

POTENCY	PER SERVING (MG)	PERCENT
CBD-A	0.0315	<1%
Cannabidiol (CBD)	< LOQ	<LOQ%
Total THC (d9-THC, THCA)	0.891	0.13%
Cannabigerol (CBG)	< LOQ	<LOQ%
Cannabidol (CBN)	< LOQ	<LOQ%
Tetrahydrocannabinolic Acid (THCA)	< LOQ	<LOQ%
Delta-9 THC (d9-THC)	0.891	0.13%
Delta-8 THC (d8-THC)	< LOQ	<LOQ%

HEAVY METALS	STATUS
Arsenic	Pass
Cadmium	Pass
Lead	Pass
Mercury	Pass

RESIDUAL SOLVENTS	STATUS
Ethanol	Pass
Heptane	Pass
<i>None of the 18 residual solvents tested found above limit of quantitation in the sample</i>	

MICROBIAL	STATUS
Yeast & Mold	Pass
Coliform	Pass
E.coli	Pass

Manufactured by:
VitaPros
8667 Jefferson Hwy
Osseo, MN 55369
651-208-0066
www.vita-pros.com



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



Report Number: 23-010859/D002.R002
Report Date: 10/03/2023
ORELAP#: OR100028
Purchase Order:
Received: 09/12/23 10:45

This is an amended version of report# 23-010859/D002.R001.

Reason: Report includes additional batch testing performed on lab order 23-011357/D005.R000.

Customer: Mary & Jane
 2256 Terminal Road
 Saint Paul Minnesota 55113
 United States of America (USA)

Product identity: Sunny Melts

Client/Metric ID: .

Sample Date:

Laboratory ID: 23-010859-0001

Evidence of Cooling: No

Temp: 22.1

Relinquished by: ups

Serving Size #1: 0.68 g

Sample Results

Potency per 0.68g		Method: J AOAC 2015 V98-6 (mod) ^b		Units mg/se Batch: 2311014		Analyze: 9/18/23 12:54:00 PM
Analyte	Result	Limits	Units	LOQ	Notes	
CBD per 0.68g	< LOQ		mg/0.68g	0.0313		
CBD-A per 0.68g	0.0315		mg/0.68g	0.0213		
CBD-Total per 0.68g	< LOQ		mg/0.68g	0.0400		
CBG per 0.68g	< LOQ		mg/0.68g	0.0313		
CBG-A per 0.68g	< LOQ		mg/0.68g	0.0313		
CBG-Total per 0.68g	< LOQ		mg/0.68g	0.0585		
CBN per 0.68g	< LOQ		mg/0.68g	0.0313		
Δ10-THC-9R per 0.68g	< LOQ		mg/0.68g	0.0313		
Δ10-THC-9S per 0.68g	< LOQ		mg/0.68g	0.0313		
Δ10-THC-Total per 0.68g	< LOQ		mg/0.68g	0.0627		
Δ8-THC per 0.68g	< LOQ		mg/0.68g	0.0313		
Δ9-THC per 0.68g	0.891		mg/0.68g	0.0213		
THC-A per 0.68g	< LOQ		mg/0.68g	0.0313		
THC-Total per 0.68g	0.891		mg/0.68g	0.0400		



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



Report Number: 23-011357/D005.R000
Report Date: 10/03/2023
ORELAP#: OR100028
Purchase Order:
Received: 09/25/23 13:31

Customer: Mary & Jane
2256 Terminal Road
Saint Paul Minnesota 55113
United States of America (USA)

Product identity: Sunny Melts

Client/Metric ID: .

Sample Date:

Laboratory ID: 23-011357-0001

Evidence of Cooling: No

Temp: 25 °C

Relinquished by: shipping

Sample Results

Microbiology

Analyte	Result	Limits	Units	LOQ	Batch	Analyzed Method	Status	Notes
E.coli	< LOQ	100.00	cfu/g	10	2311236	09/28/23 AOAC 991.14 (Petrifilm) ^P	pass	
Total Coliforms	< LOQ	100.00	cfu/g	10	2311236	09/28/23 AOAC 991.14 (Petrifilm) ^P	pass	
Mold (RAPID Petrifilm)	20	1,000	cfu/g	10	2311237	09/28/23 AOAC 2014.05 (RAPID) ^P	pass	
Yeast (RAPID Petrifilm)	< LOQ	1,000	cfu/g	10	2311237	09/28/23 AOAC 2014.05 (RAPID) ^P	pass	

Solvents

Method: Residual Solvents by GC/MS^B **Units** µg/g **Batch** 2311429 **Analyze** 10/02/23 10:39 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-Dimethylbutane	< LOQ		30.0			2,2-Dimethylpropane (neo-pentane)	< LOQ		200		
2,3-Dimethylbutane	< LOQ		30.0			3-Methylpentane	< LOQ		30.0		
Acetone	< LOQ	5000	200	pass		Acetonitrile	< LOQ	410	100	pass	
Benzene	< LOQ	2.00	1.00	pass		Butanes (sum)	< LOQ	5000	400	pass	
Cyclohexane	< LOQ	3880	200	pass		Ethyl acetate	< LOQ	5000	200	pass	
Ethyl benzene	< LOQ		200			Ethyl ether	< LOQ	5000	200	pass	
Ethylene glycol	< LOQ	620	200	pass		Ethylene oxide	< LOQ	50.0	20.0	pass	
Hexanes (sum)	< LOQ	290	150	pass		Isopropyl acetate	< LOQ	5000	200	pass	
Isopropylbenzene (Cumene)	< LOQ	70.0	30.0	pass		m,p-Xylene	< LOQ		200		
Methanol	< LOQ	3000	200	pass		Methylene chloride	< LOQ	600	60.0	pass	
Methylpropane (Isobutane)	< LOQ		200			n-Butane	< LOQ		200		
n-Heptane	< LOQ	5000	200	pass		n-Hexane	< LOQ		30.0		
n-Pentane	< LOQ		200			o-Xylene	< LOQ		200		
Pentanes (sum)	< LOQ	5000	600	pass		Propane	< LOQ	5000	200	pass	
Tetrahydrofuran	< LOQ	720	100	pass		Toluene	< LOQ	890	100	pass	
Total Xylenes	< LOQ		400			Total Xylenes and Ethyl benzene	< LOQ	2170	600	pass	



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



Report Number: 23-011357/D005.R000
Report Date: 10/03/2023
ORELAP#: OR100028
Purchase Order:
Received: 09/25/23 13:31

Pesticides											
Method: AOAC 2007.01 & EN 15662 (mod) ^b						Units mg/kg		Batch 2311336		Analyze 09/28/23 11:36 AM	
Analyte	Result	Limits	LOQ	Status	Notes	Analyte	Result	Limits	LOQ	Status	Notes
Abamectin [¥]	< LOQ	0.50	0.250	pass		Acephate [¥]	< LOQ	0.40	0.200	pass	
Acequinocyl [¥]	< LOQ	2.0	1.00	pass		Acetamidrid [¥]	< 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		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	0.100	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	0.100	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 [¥]	0.0968	0.200	mg/kg	0.0167	2311452	10/02/23	AOAC 2013.06 (mod.) ^b	pass		
Cadmium [¥]	< LOQ	0.200	mg/kg	0.0167	2311452	10/02/23	AOAC 2013.06 (mod.) ^b	pass		
Lead [¥]	0.156	0.500	mg/kg	0.0167	2311452	10/02/23	AOAC 2013.06 (mod.) ^b	pass		
Mercury [¥]	< LOQ	0.100	mg/kg	0.00835	2311452	10/02/23	AOAC 2013.06 (mod.) ^b	pass		



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



Report Number: 23-010859/D002.R002
Report Date: 10/03/2023
ORELAP#: OR100028
Purchase Order:
Received: 09/12/23 10:45

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.

^p = ISO/IEC 17025:2017 accredited method.

Units of Measure

- g = g
- mg/0.68g = Milligram per 0.68g
- % = Percentage of sample
- % wt = $\mu\text{g/g}$ divided by 10,000

Approved Signatory

Derrick Tanner
General Manager



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



Report Number: 23-010859/D002.R002
Report Date: 10/03/2023
ORELAP#: OR100028
Purchase Order:
Received: 09/12/23 10:45

This is an amended version of report# 23-010859/D002.R001.

Reason: Report includes additional batch testing performed on lab order 23-011357/D005.R000.

Customer: Mary & Jane
 2256 Terminal Road
 Saint Paul Minnesota 55113
 United States of America (USA)

Product identity: Sunny Melts

Client/Metric ID: .

Sample Date:

Laboratory ID: 23-010859-0001

Evidence of Cooling: No

Temp: 22.1

Relinquished by: ups

Serving Size #1: 0.68 g

Sample Results

Potency per 0.68g		Method: J AOAC 2015 V98-6 (mod) ^b		Units mg/se Batch: 2311014		Analyze: 9/18/23 12:54:00 PM
Analyte	Result	Limits	Units	LOQ	Notes	
CBD per 0.68g	< LOQ		mg/0.68g	0.0313		
CBD-A per 0.68g	0.0315		mg/0.68g	0.0213		
CBD-Total per 0.68g	< LOQ		mg/0.68g	0.0400		
CBG per 0.68g	< LOQ		mg/0.68g	0.0313		
CBG-A per 0.68g	< LOQ		mg/0.68g	0.0313		
CBG-Total per 0.68g	< LOQ		mg/0.68g	0.0585		
CBN per 0.68g	< LOQ		mg/0.68g	0.0313		
Δ10-THC-9R per 0.68g	< LOQ		mg/0.68g	0.0313		
Δ10-THC-9S per 0.68g	< LOQ		mg/0.68g	0.0313		
Δ10-THC-Total per 0.68g	< LOQ		mg/0.68g	0.0627		
Δ8-THC per 0.68g	< LOQ		mg/0.68g	0.0313		
Δ9-THC per 0.68g	0.891		mg/0.68g	0.0213		
THC-A per 0.68g	< LOQ		mg/0.68g	0.0313		
THC-Total per 0.68g	0.891		mg/0.68g	0.0400		



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



Report Number: 23-011357/D005.R000
Report Date: 10/03/2023
ORELAP#: OR100028
Purchase Order:
Received: 09/25/23 13:31

Customer: Mary & Jane
2256 Terminal Road
Saint Paul Minnesota 55113
United States of America (USA)

Product identity: Sunny Melts

Client/Metric ID: .

Sample Date:

Laboratory ID: 23-011357-0001

Evidence of Cooling: No

Temp: 25 °C

Relinquished by: shipping

Sample Results

Microbiology

Analyte	Result	Limits	Units	LOQ	Batch	Analyzed Method	Status	Notes
E.coli	< LOQ	100.00	cfu/g	10	2311236	09/28/23 AOAC 991.14 (Petrifilm) ^P	pass	
Total Coliforms	< LOQ	100.00	cfu/g	10	2311236	09/28/23 AOAC 991.14 (Petrifilm) ^P	pass	
Mold (RAPID Petrifilm)	20	1,000	cfu/g	10	2311237	09/28/23 AOAC 2014.05 (RAPID) ^P	pass	
Yeast (RAPID Petrifilm)	< LOQ	1,000	cfu/g	10	2311237	09/28/23 AOAC 2014.05 (RAPID) ^P	pass	

Solvents

Method: Residual Solvents by GC/MS^B **Units** µg/g **Batch** 2311429 **Analyze** 10/02/23 10:39 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-Dimethylbutane	< LOQ		30.0			2,2-Dimethylpropane (neo-pentane)	< LOQ		200		
2,3-Dimethylbutane	< LOQ		30.0			3-Methylpentane	< LOQ		30.0		
Acetone	< LOQ	5000	200	pass		Acetonitrile	< LOQ	410	100	pass	
Benzene	< LOQ	2.00	1.00	pass		Butanes (sum)	< LOQ	5000	400	pass	
Cyclohexane	< LOQ	3880	200	pass		Ethyl acetate	< LOQ	5000	200	pass	
Ethyl benzene	< LOQ		200			Ethyl ether	< LOQ	5000	200	pass	
Ethylene glycol	< LOQ	620	200	pass		Ethylene oxide	< LOQ	50.0	20.0	pass	
Hexanes (sum)	< LOQ	290	150	pass		Isopropyl acetate	< LOQ	5000	200	pass	
Isopropylbenzene (Cumene)	< LOQ	70.0	30.0	pass		m,p-Xylene	< LOQ		200		
Methanol	< LOQ	3000	200	pass		Methylene chloride	< LOQ	600	60.0	pass	
Methylpropane (Isobutane)	< LOQ		200			n-Butane	< LOQ		200		
n-Heptane	< LOQ	5000	200	pass		n-Hexane	< LOQ		30.0		
n-Pentane	< LOQ		200			o-Xylene	< LOQ		200		
Pentanes (sum)	< LOQ	5000	600	pass		Propane	< LOQ	5000	200	pass	
Tetrahydrofuran	< LOQ	720	100	pass		Toluene	< LOQ	890	100	pass	
Total Xylenes	< LOQ		400			Total Xylenes and Ethyl benzene	< LOQ	2170	600	pass	



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



Report Number: 23-011357/D005.R000
Report Date: 10/03/2023
ORELAP#: OR100028
Purchase Order:
Received: 09/25/23 13:31

Pesticides											
Method: AOAC 2007.01 & EN 15662 (mod) ^b						Units mg/kg	Batch 2311336	Analyze 09/28/23 11:36 AM			
Analyte	Result	Limits	LOQ	Status	Notes	Analyte	Result	Limits	LOQ	Status	Notes
Abamectin [¥]	< LOQ	0.50	0.250	pass		Acephate [¥]	< LOQ	0.40	0.200	pass	
Acequinocyl [¥]	< LOQ	2.0	1.00	pass		Acetamidrid [¥]	< 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		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	0.100	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	0.100	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 [¥]	0.0968	0.200	mg/kg	0.0167	2311452	10/02/23	AOAC 2013.06 (mod.) ^b	pass		
Cadmium [¥]	< LOQ	0.200	mg/kg	0.0167	2311452	10/02/23	AOAC 2013.06 (mod.) ^b	pass		
Lead [¥]	0.156	0.500	mg/kg	0.0167	2311452	10/02/23	AOAC 2013.06 (mod.) ^b	pass		
Mercury [¥]	< LOQ	0.100	mg/kg	0.00835	2311452	10/02/23	AOAC 2013.06 (mod.) ^b	pass		



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



Report Number: 23-010859/D002.R002
Report Date: 10/03/2023
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Purchase Order:
Received: 09/12/23 10:45

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.

^p = ISO/IEC 17025:2017 accredited method.

Units of Measure

g = g

mg/0.68g = Milligram per 0.68g

% = Percentage of sample

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

Approved Signatory

Derrick Tanner
General Manager