



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



Report Number: 23-009224/D002.R000
Report Date: 08/11/2023
ORELAP#: OR100028
Purchase Order:
Received: 08/04/23 09:42

Customer: Oscity Biosciences
Product identity: Oscity Sleep Gummies w/ CBN (EGS03143)
Project Number: 073123
Client/Metr ID: .
Laboratory ID: 23-009224-0001

Summary

Potency:

Analyte per 1g	Result	Limits	Units	Status	
CBD per 1g	6.07		mg/1g		CBD-Total per Serving Size 6.07 mg/1g
CBG per 1g	0.0349		mg/1g		
CBN per 1g	0.494		mg/1g		THC-Total per Serving Size 0.127 mg/1g
Δ9-THC per 1g	0.127		mg/1g		(Reported in milligrams per serving)

Residual Solvents:

All analytes passing and less than LOQ.

Pesticides:

All analytes passing and less than LOQ.

Terpenes:

Less than LOQ for all analytes.

Metals:

Less than LOQ for all analytes.

Microbiology:

Less than LOQ for all analytes.



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Customer: Oscity Biosciences
 United States of America (USA)
Product identity: Oscity Sleep Gummies w/ CBN (EGS03143)
Project Number: 073123
Client/Metric ID: .
Sample Date:
Laboratory ID: 23-009224-0001
Evidence of Cooling: No
Temp: 22.7
Relinquished by: client
Serving Size #1: 1 g

Sample Results

Potency per 1g	Method: J AOAC 2015 V98-6 (mod) ^b	Units mg/se	Batch: 2309794	Analyze: 8/7/23 10:00:00 PM	
Analyte	Result	Limits	Units	LOQ	Notes
CBD per 1g	6.07		mg/1g	0.0321	
CBD-A per 1g	< LOQ		mg/1g	0.0321	
CBD-Total per 1g	6.07		mg/1g	0.0602	
CBG per 1g	0.0349		mg/1g	0.0321	
CBG-A per 1g	< LOQ		mg/1g	0.0321	
CBG-Total per 1g	< LOQ		mg/1g	0.0599	
CBN per 1g	0.494		mg/1g	0.0321	
Δ10-THC-9R per 1g	< LOQ		mg/1g	0.0321	
Δ10-THC-9S per 1g	< LOQ		mg/1g	0.0321	
Δ10-THC-Total per 1g	< LOQ		mg/1g	0.0642	
Δ8-THC per 1g	< LOQ		mg/1g	0.0321	
Δ9-THC per 1g	0.127		mg/1g	0.0321	
THC-A per 1g	< LOQ		mg/1g	0.0321	
THC-Total per 1g	0.127		mg/1g	0.0602	

Microbiology								
Analyte	Result	Limits	Units	LOQ	Batch	Analyzed Method	Status	Notes
Salmonella spp. by PCR*	Negative		/g		2309744	08/06/23 AOAC 2020.02 ^b		
EHEC including STEC*	Negative		/g		2309745	08/06/23 AOAC RI 121806 ^b		
A. flavus*	Negative		/1g		2309743	08/07/23 Aspergillus in Cannabis ^b		
A. fumigatus*	Negative		/1g		2309743	08/07/23 Aspergillus in Cannabis ^b		
A. niger	Negative		/1g		2309743	08/07/23 Aspergillus in Cannabis		
A. terreus*	Negative		/1g		2309743	08/07/23 Aspergillus in Cannabis ^b		



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Solvents		Method: Residual Solvents by GC/MS ^b				Units µg/g	Batch 2309854	Analyze 08/09/23 01:51 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		



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Pesticides						Method: AOAC 2007.01 & EN 15662 (mod) ^b						Units mg/kg		Batch 2309815		Analyze 08/08/23 12:28 PM			
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 [‡]	< LOQ		0.100										
Clofentezine [‡]	< LOQ		0.100			Cyfluthrin [‡]	< 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			Paclotubrazole [‡]	< LOQ		0.200										
Parathion-Methyl [‡]	< LOQ		0.100			Permethrin [‡]	< 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																



Terpenes				Method: J AOAC 2015 V98-6	Units %	Batch 2309876	Analyze 08/09/23 02:39 PM		
Analyte	Result	LOQ	% of Total	Notes	Analyte	Result	LOQ	% of Total	Notes
Geraniol	< LOQ	0.019	0.00%		valencene	< LOQ	0.019	0.00%	
nerol	< LOQ	0.019	0.00%		(±)-trans-Nerolidol	< LOQ	0.019	0.00%	
(±)-cis-Nerolidol	< LOQ	0.019	0.00%		Sabinene hydrate	< LOQ	0.019	0.00%	
(R)-(+)-Limonene	< LOQ	0.019	0.00%		a-Terpinene	< LOQ	0.019	0.00%	
(+)-Pulegone	< LOQ	0.019	0.00%		Eucalyptol	< LOQ	0.019	0.00%	
gamma-Terpinene	< LOQ	0.019	0.00%		Terpinolene	< LOQ	0.019	0.00%	
p-Cymene	< LOQ	0.019	0.00%		(±)-fenchone	< LOQ	0.019	0.00%	
Linalool	< LOQ	0.019	0.00%		(-)-a-Terpineol	< LOQ	0.019	0.00%	
(-)-caryophyllene oxide	< LOQ	0.019	0.00%		(-)-Guaiol	< LOQ	0.019	0.00%	
(-)-Isopulegol	< LOQ	0.019	0.00%		(-)-β-Pinene	< LOQ	0.019	0.00%	
(+)-Borneol	< LOQ	0.019	0.00%		(+)-Cedrol	< LOQ	0.019	0.00%	
(+)-fenchol	< LOQ	0.019	0.00%		(±)-Camphor	< LOQ	0.019	0.00%	
a-Bisabolol	< LOQ	0.019	0.00%		a-cedrene	< LOQ	0.019	0.00%	
a-phellandrene	< LOQ	0.019	0.00%		a-pinene	< LOQ	0.019	0.00%	
Camphene	< LOQ	0.019	0.00%		cis-β-Ocimene	< LOQ	0.006	0.00%	
d-3-Carene	< LOQ	0.019	0.00%		farnesene	< LOQ	0.019	0.00%	
Geranyl acetate	< LOQ	0.019	0.00%		Humulene	< LOQ	0.019	0.00%	
Isoborneol	< LOQ	0.019	0.00%		Menthol	< LOQ	0.019	0.00%	
Sabinene	< LOQ	0.019	0.00%		β-Caryophyllene	< LOQ	0.019	0.00%	
β-Myrcene	< LOQ	0.019	0.00%		trans-β-Ocimene	< LOQ	0.012	0.00%	
Total Terpenes	< LOQ								

Metals									
Analyte	Result	Limits	Units	LOQ	Batch	Analyzed Method	Status	Notes	
Arsenic [‡]	< LOQ		mg/kg	0.0190	2309906	08/10/23 AOAC 2013.06 (mod.) [‡]			
Cadmium [‡]	< LOQ		mg/kg	0.0190	2309906	08/10/23 AOAC 2013.06 (mod.) [‡]			
Lead [‡]	< LOQ		mg/kg	0.0190	2309906	08/10/23 AOAC 2013.06 (mod.) [‡]			
Mercury [‡]	< LOQ		mg/kg	0.00951	2309906	08/10/23 AOAC 2013.06 (mod.) [‡]			

Mycotoxins									
Analyte	Result	Limits	Units	LOQ	Batch	Analyzed Method	Status	Notes	
Aflatoxin B2 [‡]	< LOQ		µg/kg	5.00	2309887	08/10/23 AOAC 2007.01 & EN 15662 (mod) [‡]			
Aflatoxin B1 [‡]	< LOQ		µg/kg	5.00	2309887	08/10/23 AOAC 2007.01 & EN 15662 (mod) [‡]			
Aflatoxin G1 [‡]	< LOQ		µg/kg	5.00	2309887	08/10/23 AOAC 2007.01 & EN 15662 (mod) [‡]			
Aflatoxin G2 [‡]	< LOQ		µg/kg	5.00	2309887	08/10/23 AOAC 2007.01 & EN 15662 (mod) [‡]			
Ochratoxin A [‡]	< LOQ		µg/kg	5.00	2309887	08/10/23 AOAC 2007.01 & EN 15662 (mod) [‡]			
Total Aflatoxins [‡]	0.000		µg/kg	20.0		08/11/23 AOAC 2007.01 & EN 15662 (mod) [‡]			



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Abbreviations

Limits: Action Levels per OAR-333-007-0400, OAR-333-007-0210, OAR-333-007-0220, CCR title 16-division 42. BCC-section 5723

Limit(s) of Quantitation (LOQ): The minimum levels, concentrations, or quantities of a target variable (e.g., target analyte) that can be reported with a specified degree of confidence.

Ⓟ = ISO/IEC 17025:2017 accredited method.

Ⓜ = TNI accredited analyte.

Units of Measure

g = g

µg/g = Microgram per gram

µg/kg = Micrograms per kilogram = parts per billion (ppb)

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

mg/1g = Milligram per 1g

/1g = Per 1 gram

/g = Per gram

% = Percentage of sample

% wt = µg/g divided by 10,000

Approved Signatory

Derrick Tanner
General Manager



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

Laboratory Quality Control Results

J AOAC 2015 V98-6 Batch ID: 2309794

Laboratory Control Sample									
Analyte	LCS	Result	Spike	Units	% Rec	Limits		Evaluation	Notes
CBDVA	2	0.0314	0.0311	%	101	80.0	- 120	Acceptable	
CBDV	2	0.0310	0.0307	%	101	80.0	- 120	Acceptable	
CBE	2	0.0350	0.0349	%	100	80.0	- 120	Acceptable	
CBDA	1	0.0330	0.0336	%	98.1	90.0	- 110	Acceptable	
CBGA	1	0.0351	0.0336	%	105	80.0	- 120	Acceptable	
CBG	1	0.0343	0.0344	%	99.5	80.0	- 120	Acceptable	
CBD	1	0.0351	0.0352	%	99.7	90.0	- 110	Acceptable	
THCV	2	0.0225	0.0222	%	101	80.0	- 120	Acceptable	
d8THCV	2	0.0272	0.0272	%	100	80.0	- 120	Acceptable	
THCVA	2	0.0312	0.0310	%	101	80.0	- 120	Acceptable	
CBN	1	0.0356	0.0351	%	102	80.0	- 120	Acceptable	
exo-THC	2	0.0312	0.0311	%	100	80.0	- 120	Acceptable	
d9THC	1	0.0355	0.0345	%	103	90.0	- 110	Acceptable	
d8THC	1	0.0325	0.0325	%	99.9	90.0	- 110	Acceptable	
9S-d10THC	1	0.0356	0.0354	%	101	80.0	- 120	Acceptable	
CBL	2	0.0315	0.0311	%	101	80.0	- 120	Acceptable	
9R-d10THC	1	0.0325	0.0323	%	101	80.0	- 120	Acceptable	
CBC	2	0.0315	0.0319	%	98.7	80.0	- 120	Acceptable	
THCA	1	0.0333	0.0331	%	101	90.0	- 110	Acceptable	
CBCA	2	0.0321	0.0325	%	98.7	80.0	- 120	Acceptable	
CBLA	2	0.0498	0.0500	%	99.6	80.0	- 120	Acceptable	
d9THCP	2	0.0316	0.0323	%	97.8	80.0	- 120	Acceptable	
CBT	2	0.0306	0.0314	%	97.5	80.0	- 120	Acceptable	

Method Blank						
Analyte	Result	LOQ	Units	Limits	Evaluation	Notes
CBDVA	<LOQ	0.00322	%	< 0.00322	Acceptable	
CBDV	<LOQ	0.00322	%	< 0.00322	Acceptable	
CBE	<LOQ	0.00322	%	< 0.00322	Acceptable	
CBDA	<LOQ	0.00322	%	< 0.00322	Acceptable	
CBGA	<LOQ	0.00322	%	< 0.00322	Acceptable	
CBG	<LOQ	0.00322	%	< 0.00322	Acceptable	
CBD	<LOQ	0.00322	%	< 0.00322	Acceptable	
THCV	<LOQ	0.00322	%	< 0.00322	Acceptable	
d8THCV	<LOQ	0.00322	%	< 0.00322	Acceptable	
THCVA	<LOQ	0.00322	%	< 0.00322	Acceptable	
CBN	<LOQ	0.00322	%	< 0.00322	Acceptable	
exo-THC	<LOQ	0.00322	%	< 0.00322	Acceptable	
d9THC	<LOQ	0.00322	%	< 0.00322	Acceptable	
d8THC	<LOQ	0.00322	%	< 0.00322	Acceptable	
9S-d10THC	<LOQ	0.00322	%	< 0.00322	Acceptable	
CBL	<LOQ	0.00322	%	< 0.00322	Acceptable	
9R-d10THC	<LOQ	0.00322	%	< 0.00322	Acceptable	
CBC	<LOQ	0.00322	%	< 0.00322	Acceptable	
THCA	<LOQ	0.00322	%	< 0.00322	Acceptable	
CBCA	<LOQ	0.00322	%	< 0.00322	Acceptable	
CBLA	<LOQ	0.00322	%	< 0.00322	Acceptable	
d9THCP	<LOQ	0.00322	%	< 0.00322	Acceptable	
CBT	<LOQ	0.00322	%	< 0.00322	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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Laboratory Quality Control Results

J AOAC 2015 V98-6		Batch ID: 2309794						
Sample Duplicate		Sample ID: 23-009164-0001						
Analyte	Result	Org. Result	LOQ	Units	RPD	Limits	Evaluation	Notes
CBDVA	<LOQ	<LOQ	0.00315	%	NA	< 20	Acceptable	
CBDV	<LOQ	<LOQ	0.00315	%	NA	< 20	Acceptable	
CBE	0.00406	0.00423	0.00315	%	4.18	< 20	Acceptable	
CBD	<LOQ	<LOQ	0.00315	%	NA	< 20	Acceptable	
CBDA	<LOQ	<LOQ	0.00315	%	NA	< 20	Acceptable	
CBGA	<LOQ	<LOQ	0.00315	%	NA	< 20	Acceptable	
CBG	0.0121	0.0122	0.00315	%	1.23	< 20	Acceptable	
CBD	0.635	0.645	0.00315	%	1.61	< 20	Acceptable	
THCV	<LOQ	<LOQ	0.00315	%	NA	< 20	Acceptable	
d8THCV	<LOQ	<LOQ	0.00315	%	NA	< 20	Acceptable	
THCVA	<LOQ	<LOQ	0.00315	%	NA	< 20	Acceptable	
CBN	0.126	0.128	0.00315	%	1.58	< 20	Acceptable	
exo-THC	<LOQ	<LOQ	0.00315	%	NA	< 20	Acceptable	
d9THC	<LOQ	<LOQ	0.00315	%	NA	< 20	Acceptable	
d8THC	<LOQ	<LOQ	0.00315	%	NA	< 20	Acceptable	
9S-d10THC	<LOQ	<LOQ	0.00315	%	NA	< 20	Acceptable	
CBL	<LOQ	<LOQ	0.00315	%	NA	< 20	Acceptable	
9R-d10THC	<LOQ	<LOQ	0.00315	%	NA	< 20	Acceptable	
CBC	<LOQ	<LOQ	0.00315	%	NA	< 20	Acceptable	
THCA	<LOQ	<LOQ	0.00315	%	NA	< 20	Acceptable	
CBCA	<LOQ	<LOQ	0.00315	%	NA	< 20	Acceptable	
CBLA	<LOQ	<LOQ	0.00315	%	NA	< 20	Acceptable	
d9THCP	<LOQ	<LOQ	0.00315	%	NA	< 20	Acceptable	
CBT	<LOQ	<LOQ	0.00315	%	NA	< 20	Acceptable	

Abbreviations

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

Units of Measure:

% - Percent



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Revision: 3 Document ID: 3120
Legacy ID: CFL-C21 Worksheet Validated 10/30/2020

Laboratory Pesticide Quality Control Results

AOAC 2007.1 & EN 15662		Units: mg/Kg			Batch ID: 2309815			
Method Blank		Laboratory Control Sample						
Analyte	Blank Result	Blank Limits	Notes	LCS Result	LCS Spike	LCS % Rec	Limits	Notes
Abamectin	0.000	< 0.250		0.993	1.000	99.3	50.0	150
Acephate	0.000	< 0.200		0.559	0.800	69.9	60.0	120
Acetamiprid	0.000	< 1.000		3.845	4.000	96.1	40.0	160
Acetamiprid	0.000	< 0.100		0.385	0.400	96.2	60.0	120
Aldicarb	0.000	< 0.200		0.768	0.800	96.0	60.0	120
Azoxystrobin	0.002	< 0.100		0.362	0.400	90.6	60.0	120
Bifenazate	0.000	< 0.100		0.376	0.400	94.1	60.0	120
Bifenthrin	0.000	< 0.100		0.391	0.400	97.7	50.0	150
Boscalid	0.000	< 0.200		0.742	0.800	92.7	60.0	120
Carbaryl	0.000	< 0.100		0.380	0.400	95.0	60.0	120
Carbofuran	0.001	< 0.100		0.385	0.400	96.1	60.0	120
Chlorantraniliprole	0.001	< 0.100		0.389	0.400	97.2	60.0	120
Chlorfenapyr	0.000	< 0.500		1.924	2.000	96.2	60.0	120
Chlorpyrifos	0.004	< 0.100		0.357	0.400	89.3	60.0	120
Clofentazine	0.005	< 0.100		0.345	0.400	86.3	60.0	120
Cyfluthrin	0.000	< 0.500		1.678	2.000	83.9	50.0	150
Cypermethrin	0.000	< 0.500		1.898	2.000	94.9	50.0	150
Daminozide	0.022	< 0.500		0.798	2.000	39.9	60.0	120
Diazinon	0.000	< 0.100		0.395	0.400	98.7	60.0	120
Dichlorvos	0.000	< 0.500		1.772	2.000	88.6	60.0	120
Dimethoate	0.000	< 0.100		0.408	0.400	102.0	60.0	120
Ethoprophos	0.000	< 0.100		0.373	0.400	93.2	60.0	120
Etofenprox	0.000	< 0.200		0.752	0.800	94.0	50.0	150
Etoxazole	0.000	< 0.100		0.385	0.400	96.4	60.0	120
Fenoxycarb	0.000	< 0.100		0.382	0.400	95.5	60.0	120
Fenpyroximate	0.012	< 0.200		0.749	0.800	93.6	60.0	120
Fipronil	0.000	< 0.200		0.762	0.800	95.3	60.0	120
Fonicamid	0.000	< 0.250		1.011	1.000	101.1	60.0	120
Fludioxonil	0.000	< 0.200		0.738	0.800	92.3	50.0	150
Hexythiazox	0.000	< 0.250		0.967	1.000	96.7	60.0	120
Imazalil	0.001	< 0.100		0.392	0.400	98.0	60.0	120
Imidacloprid	0.028	< 0.200		0.835	0.800	104.4	60.0	120
Kresoxim-methyl	0.000	< 0.200		0.722	0.800	90.3	60.0	120
Malathion	0.000	< 0.100		0.381	0.400	95.3	60.0	120
Metaxalyl	0.002	< 0.100		0.373	0.400	93.3	60.0	120
Methiocarb	0.011	< 0.100		0.388	0.400	96.9	60.0	120
Methomyl	0.000	< 0.200		0.783	0.800	97.9	60.0	120
MGK-264	0.000	< 0.100		0.384	0.400	96.0	50.0	150
Myclobutanil	0.012	< 0.100		0.399	0.400	99.8	60.0	120
Naled	0.000	< 0.250		0.943	1.000	94.3	50.0	150
Oxamyl	0.000	< 0.500		1.967	2.000	98.3	60.0	120
Pacllobutrazole	0.000	< 0.200		0.777	0.800	97.2	60.0	120
Parathion-Methyl	0.000	< 0.100		0.396	0.400	99.0	50.0	150
Permethrin	0.000	< 0.100		0.381	0.400	95.2	50.0	150
Phosmet	0.000	< 0.100		0.379	0.400	94.8	50.0	150
Piperonyl butoxide	0.000	< 0.500		1.887	2.000	94.4	60.0	120
Prallethrin	0.013	< 0.100		0.396	0.400	99.1	60.0	120
Propiconazole	0.022	< 0.200		0.765	0.800	95.6	60.0	120
Propoxur	0.000	< 0.100		0.377	0.400	94.1	60.0	120
Pyrethrin (Summe)	0.001	< 0.100		0.473	0.488	96.8	60.0	120
Pyridaben	0.000	< 0.100		0.377	0.400	94.3	50.0	150
Spirosad	0.000	< 0.100		0.368	0.388	94.8	50.0	150
Spiromesifen	0.000	< 0.100		0.384	0.400	96.0	60.0	120
Spirotetramat	0.000	< 0.100		0.378	0.400	94.6	60.0	120
Spiroxamine	0.000	< 0.200		0.766	0.800	95.8	60.0	120
Tebuconazole	0.012	< 0.200		0.746	0.800	93.2	60.0	120
Thiacloprid	0.000	< 0.100		0.401	0.400	100.3	60.0	120
Thiamethoxam	0.000	< 0.100		0.397	0.400	99.3	60.0	120
Trifloxystrobin	0.000	< 0.100		0.382	0.400	95.6	60.0	120

Q6



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



Report Number: 23-009224/D002.R000
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Revision: 3 Document ID: 3120
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Laboratory Pesticide Quality Control Results

AOAC 2007.1 & EN 15662		Units: mg/Kg				Batch ID: 2309815				
Matrix Spike/Matrix Spike Duplicate Recoveries		Sample ID: 23-009216-0001								
Analyte	Result	MS Res	MSD Res	Spike	RPD%	Limit	MS % Rec	MSD % Rec	Limits	Notes
Abamectin	0.000	0.908	0.956	1.000	5.2%	< 30	90.8%	95.6%	50 - 150	
Acephate	0.000	0.573	0.598	0.800	4.3%	< 30	71.6%	74.7%	50 - 150	
Acetaminophen	0.000	3.630	3.621	4.000	0.3%	< 30	90.8%	90.5%	50 - 150	
Acetamiprid	0.000	0.360	0.377	0.400	4.7%	< 30	90.0%	94.3%	50 - 150	
Aldicarb	0.000	0.752	0.743	0.800	1.1%	< 30	94.0%	92.9%	50 - 150	
Azoxystrobin	0.002	0.349	0.365	0.400	4.4%	< 30	86.8%	90.7%	50 - 150	
Bifenazate	0.000	0.347	0.382	0.400	9.5%	< 30	86.7%	95.4%	50 - 150	
Bifenthrin	0.000	0.375	0.376	0.400	0.2%	< 30	93.7%	93.9%	50 - 150	
Boscalid	0.000	0.682	0.721	0.800	5.6%	< 30	85.2%	90.2%	50 - 150	
Carbaryl	0.000	0.347	0.380	0.400	9.1%	< 30	86.8%	95.1%	50 - 150	
Carbofuran	0.000	0.356	0.372	0.400	4.6%	< 30	88.9%	93.1%	50 - 150	
Chlorantraniliprole	0.000	0.349	0.387	0.400	10.5%	< 30	87.2%	96.8%	50 - 150	
Chlorfenapyr	0.000	1.751	2.098	2.000	18.0%	< 30	87.6%	104.9%	50 - 150	
Chlorpyrifos	0.005	0.351	0.352	0.400	0.1%	< 30	86.7%	86.8%	50 - 150	
Clofentezine	0.005	0.297	0.297	0.400	0.2%	< 30	72.8%	72.9%	50 - 150	
Cyfluthrin	0.000	2.041	2.011	2.000	1.5%	< 30	102.0%	100.5%	30 - 150	
Cypermethrin	0.000	1.909	1.914	2.000	0.2%	< 30	95.4%	95.7%	50 - 150	
Daminozide	0.024	0.763	0.763	2.000	0.0%	< 30	37.0%	37.0%	30 - 150	
Diazinon	0.000	0.362	0.382	0.400	5.3%	< 30	90.4%	95.4%	50 - 150	
Dichlorvos	0.000	1.654	1.807	2.000	8.8%	< 30	82.7%	90.3%	50 - 150	
Dimethoate	0.003	0.355	0.378	0.400	6.3%	< 30	88.0%	93.8%	50 - 150	
Ethoprophos	0.000	0.348	0.363	0.400	4.0%	< 30	87.1%	90.7%	50 - 150	
Etofenprox	0.000	0.710	0.711	0.800	0.1%	< 30	88.8%	88.9%	50 - 150	
Etoxazole	0.000	0.368	0.385	0.400	4.4%	< 30	92.1%	96.2%	50 - 150	
Fenoxycarb	0.000	0.363	0.365	0.400	0.7%	< 30	90.7%	91.4%	50 - 150	
Fenpyroximate	0.013	0.770	0.751	0.800	2.5%	< 30	94.7%	92.3%	50 - 150	
Fipronil	0.000	0.731	0.713	0.800	2.5%	< 30	91.4%	89.1%	50 - 150	
Flonicamid	0.000	0.920	1.016	1.000	10.0%	< 30	92.0%	101.6%	50 - 150	
Fludioxonil	0.000	0.733	0.743	0.800	1.4%	< 30	91.6%	92.9%	50 - 150	
Hexythiazox	0.000	0.900	0.919	1.000	2.0%	< 30	90.0%	91.9%	50 - 150	
Imazalil	0.001	0.366	0.383	0.400	4.6%	< 30	91.3%	95.6%	50 - 150	
Imidacloprid	0.000	0.693	0.789	0.800	13.0%	< 30	86.6%	98.6%	50 - 150	
Kresoxim-methyl	0.000	0.710	0.723	0.800	1.8%	< 30	88.7%	90.4%	50 - 150	
Malathion	0.000	0.368	0.380	0.400	3.3%	< 30	92.0%	95.0%	50 - 150	
Metaxalyl	0.002	0.353	0.370	0.400	5.0%	< 30	87.7%	92.1%	50 - 150	
Methiocarb	0.006	0.366	0.368	0.400	0.7%	< 30	89.9%	90.5%	50 - 150	
Methomyl	0.000	0.696	0.758	0.800	8.5%	< 30	87.0%	94.7%	50 - 150	
MGK-264	0.000	0.355	0.362	0.400	1.8%	< 30	88.8%	90.5%	50 - 150	
Myclobutanil	0.012	0.371	0.381	0.400	2.8%	< 30	89.9%	92.4%	50 - 150	
Naled	0.000	0.892	0.916	1.000	2.7%	< 30	89.2%	91.6%	50 - 150	
Oxamyl	0.000	1.740	1.903	2.000	8.9%	< 30	87.0%	95.2%	50 - 150	
Pacllobutrazole	0.000	0.739	0.766	0.800	3.7%	< 30	92.3%	95.8%	50 - 150	
Parathion-Methyl	0.000	0.321	0.300	0.400	6.7%	< 30	80.3%	75.1%	30 - 150	
Permethrin	0.000	0.362	0.361	0.400	0.1%	< 30	90.4%	90.3%	50 - 150	
Phosmet	0.000	0.363	0.369	0.400	1.7%	< 30	90.7%	92.3%	50 - 150	
Piperonyl butoxide	0.000	1.778	1.770	2.000	0.4%	< 30	88.9%	88.5%	50 - 150	
Prallethrin	0.015	0.360	0.382	0.400	6.2%	< 30	86.2%	91.8%	50 - 150	
Propiconazole	0.005	0.717	0.729	0.800	1.6%	< 30	89.1%	90.5%	50 - 150	
Propoxur	0.000	0.344	0.378	0.400	9.4%	< 30	86.1%	94.6%	50 - 150	
Pyrethrin (Summe)	0.001	0.324	0.330	0.488	1.7%	< 30	66.2%	67.4%	50 - 150	
Pyridaben	0.000	0.330	0.338	0.400	2.4%	< 30	82.6%	84.6%	50 - 150	
Spinosad	0.000	0.341	0.351	0.388	2.9%	< 30	87.8%	90.4%	50 - 150	
Spiromesifen	0.000	0.348	0.359	0.400	3.1%	< 30	87.0%	89.8%	50 - 150	
Spirotetramat	0.000	0.363	0.368	0.400	1.6%	< 30	90.6%	92.1%	50 - 150	
Spiroxamine	0.000	0.725	0.732	0.800	0.9%	< 30	90.6%	91.5%	50 - 150	
Tebuconazole	0.000	0.720	0.787	0.800	8.9%	< 30	90.0%	98.4%	50 - 150	
Thiacloprid	0.000	0.363	0.386	0.400	6.3%	< 30	90.7%	96.6%	50 - 150	
Thiamethoxam	0.000	0.369	0.420	0.400	12.9%	< 30	92.2%	105.0%	50 - 150	
Trifloxystrobin	0.000	0.352	0.365	0.400	3.5%	< 30	88.1%	91.2%	50 - 150	



12423 NE Whitaker Way
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 503-254-1794

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 Legacy ID: CFL-E33Effective:

Laboratory Quality Control Results

Residual Solvents				Batch ID: 2309854					
Method Blank				Laboratory Control Sample					
Analyte	Result	LOQ	Notes	Result	Spike	Units	% Rec	Limits	Notes
Propane	ND	< 200		451	584	µg/g	77.2	60 - 120	
Isobutane	ND	< 200		601	767	µg/g	78.4	60 - 120	
Butane	ND	< 200		574	782	µg/g	73.4	60 - 120	
2,2-Dimethylpropane	ND	< 200		696	939	µg/g	74.1	60 - 120	
Methanol	ND	< 200		1690	1640	µg/g	103.0	60 - 120	
Ethylene Oxide	ND	< 30		49.8	57.1	µg/g	87.2	60 - 120	
2-Methylbutane	ND	< 200		1390	1600	µg/g	86.9	60 - 120	
Pentane	ND	< 200		1440	1620	µg/g	88.9	60 - 120	
Ethanol	ND	< 200		1690	1610	µg/g	105.0	70 - 130	
Ethyl Ether	ND	< 200		1490	1610	µg/g	92.5	60 - 120	
2,2-Dimethylbutane	ND	< 30		162	168	µg/g	96.4	60 - 120	
Acetone	ND	< 200		1540	1620	µg/g	95.1	60 - 120	
2-Propanol	ND	< 200		1790	1600	µg/g	111.9	60 - 120	
Ethyl Formate	ND	< 500		1310	1600	µg/g	81.9	70 - 130	
Acetonitrile	ND	< 100		433	484	µg/g	89.5	60 - 120	
Methyl Acetate	ND	< 500		1520	1610	µg/g	94.4	70 - 130	
2,3-Dimethylbutane	ND	< 30		150	162	µg/g	92.6	60 - 120	
Dichloromethane	ND	< 60		465	483	µg/g	96.3	60 - 120	
2-Methylpentane	ND	< 30		171	174	µg/g	98.3	60 - 120	
MTBE	ND	< 500		1580	1610	µg/g	98.1	70 - 130	
3-Methylpentane	ND	< 30		168	168	µg/g	100.0	60 - 120	
Hexane	ND	< 30		159	168	µg/g	94.6	60 - 120	
1-Propanol	ND	< 500		1670	1600	µg/g	104.4	70 - 130	
Methylethylketone	ND	< 500		1570	1620	µg/g	96.9	70 - 130	
Ethyl acetate	ND	< 200		1580	1600	µg/g	98.8	60 - 120	
2-Butanol	ND	< 200		1800	1600	µg/g	112.5	60 - 120	
Tetrahydrofuran	ND	< 100		491	514	µg/g	95.5	60 - 120	
Cyclohexane	ND	< 200		1570	1600	µg/g	98.1	60 - 120	
2-methyl-1-propanol	ND	< 500		1840	1610	µg/g	114.3	70 - 130	
Benzene	ND	< 1		4.14	5.12	µg/g	80.9	60 - 120	
Isopropyl Acetate	ND	< 200		1610	1620	µg/g	99.4	60 - 120	
Heptane	ND	< 200		1500	1610	µg/g	93.2	60 - 120	
1-Butanol	ND	< 500		1780	1600	µg/g	111.3	70 - 130	
Propyl Acetate	ND	< 500		1560	1600	µg/g	97.5	70 - 130	
1,4-Dioxane	ND	< 100		488	493	µg/g	99.0	60 - 120	
2-Ethoxyethanol	ND	< 30		180	163	µg/g	110.4	60 - 120	
Methylisobutylketone	ND	< 500		1590	1600	µg/g	99.4	70 - 130	
3-Methyl-1-butanol	ND	< 500		1750	1610	µg/g	108.7	70 - 130	
Ethylene Glycol	ND	< 200		232	483	µg/g	48.0	60 - 120	Q6
Toluene	ND	< 100		482	493	µg/g	97.8	60 - 120	
Isobutyl Acetate	ND	< 500		1570	1600	µg/g	98.1	70 - 130	
1-Pentanol	ND	< 500		1770	1600	µg/g	110.6	70 - 130	
Butyl Acetate	ND	< 500		1580	1600	µg/g	98.8	70 - 130	
Ethylbenzene	ND	< 200		976	969	µg/g	100.7	60 - 120	
m,p-Xylene	ND	< 200		972	968	µg/g	100.4	60 - 120	
o-Xylene	ND	< 200		995	976	µg/g	101.9	60 - 120	
Cumene	ND	< 30		165	162	µg/g	101.9	60 - 120	
Anisole	ND	< 500		1560	1610	µg/g	96.9	70 - 130	
DMSO	ND	< 500		1240	1610	µg/g	77.0	70 - 130	
1,2-dimethoxyethane	ND	< 50		156	164	µg/g	95.1	70 - 130	
Triethylamine	ND	< 500		1400	1600	µg/g	87.5	70 - 130	
N,N-dimethylformamide	ND	< 150		464	484	µg/g	95.9	70 - 130	
N,N-dimethylacetamide	ND	< 150		462	489	µg/g	94.5	70 - 130	
Pyridine	ND	< 50		153	172	µg/g	89.0	70 - 130	
Sulfone	ND	< 50		148	163	µg/g	90.8	70 - 130	
1,2-Dichloroethane	ND	< 1		1.02	1	µg/g	102.0	70 - 130	
Chloroform	ND	< 1		1.11	1	µg/g	111.0	70 - 130	
Trichloroethylene	ND	< 1		1.17	1	µg/g	117.0	70 - 130	
1,1-Dichloroethane	ND	< 1		1.06	1	µg/g	106.0	70 - 130	



12423 NE Whitaker Way
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QC - Sample Duplicate		Sample ID: 23-009140-0001						
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	
Methyl ethyl ketone	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
 Q6 - Quality control outside QC limits. Data acceptable based on remaining QC.

Units of Measure:

µg/g- Microgram per gram or ppm



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



Report Number: 23-009224/D002.R000
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Terpenes Quality Control Results

Method Reference: EPA 5035				Batch ID: 2309876					
Method Blank				Laboratory Control Sample					
Analyte	Result	LOQ	Notes	Result	LCS	Units	LCS % Rec	Limits	Notes
a-pinene	<LOQ	< 200		453	500	µg/g	91%	70 - 130	
Camphene	<LOQ	< 200		454	500	µg/g	91%	70 - 130	
Sabinene	<LOQ	< 200		445	500	µg/g	89%	70 - 130	
b-Pinene	<LOQ	< 200		450	500	µg/g	90%	70 - 130	
b-Myrcene	<LOQ	< 200		463	500	µg/g	93%	70 - 130	
a-phellandrene	<LOQ	< 200		463	500	µg/g	93%	70 - 130	
d-3-Carene	<LOQ	< 200		456	500	µg/g	91%	70 - 130	
a-Terpinene	<LOQ	< 200		457	500	µg/g	91%	70 - 130	
p-Cymene	<LOQ	< 200		453	500	µg/g	91%	70 - 130	
D-Limonene	<LOQ	< 200		458	500	µg/g	92%	70 - 130	
Eucalyptol	<LOQ	< 200		450	500	µg/g	90%	70 - 130	
b-cis-Ocimene	<LOQ	< 67		151	167	µg/g	91%	70 - 130	
b-trans-Ocimene	<LOQ	< 133		309	333	µg/g	93%	70 - 130	
g-Terpinene	<LOQ	< 200		454	500	µg/g	91%	70 - 130	
Sabinene Hydrate	<LOQ	< 200		467	500	µg/g	93%	70 - 130	
Terpinolene	<LOQ	< 200		479	500	µg/g	96%	70 - 130	
D-Fenchone	<LOQ	< 200		457	500	µg/g	91%	70 - 130	
Linalool	<LOQ	< 200		496	500	µg/g	99%	70 - 130	
Fenchol	<LOQ	< 200		480	500	µg/g	96%	70 - 130	
Camphor	<LOQ	< 200		461	500	µg/g	92%	70 - 130	
Isopulego	<LOQ	< 200		491	500	µg/g	98%	70 - 130	
Isoborneol	<LOQ	< 200		490	500	µg/g	98%	70 - 130	
Borneol	<LOQ	< 200		473	500	µg/g	95%	70 - 130	
DL-Menthol	<LOQ	< 200		470	500	µg/g	94%	70 - 130	
Terpineol	<LOQ	< 200		482	500	µg/g	96%	70 - 130	
Nerol	<LOQ	< 200		447	500	µg/g	89%	70 - 130	
Pulegone	<LOQ	< 200		491	500	µg/g	98%	70 - 130	
Geraniol	<LOQ	< 200		498	500	µg/g	100%	70 - 130	
Geranyl_Acetate	<LOQ	< 200		473	500	µg/g	95%	70 - 130	
a-Cedrene	<LOQ	< 200		474	500	µg/g	95%	70 - 130	
b-Caryophyllene	<LOQ	< 200		477	500	µg/g	95%	70 - 130	
a-Humulene	<LOQ	< 200		475	500	µg/g	95%	70 - 130	
Valenene	<LOQ	< 200		444	500	µg/g	89%	70 - 130	
cis-Nerolidol	<LOQ	< 200		496	500	µg/g	99%	70 - 130	
a-Farnesene	<LOQ	< 200		516	500	µg/g	103%	70 - 130	
trans-Nerolidol	<LOQ	< 200		492	500	µg/g	98%	70 - 130	
Caryophyllene_Oxide	<LOQ	< 200		486	500	µg/g	97%	70 - 130	
Guaiol	<LOQ	< 200		477	500	µg/g	95%	70 - 130	
Cedrol	<LOQ	< 200		495	500	µg/g	99%	70 - 130	
a-Bisabolol	<LOQ	< 200		490	500	µg/g	98%	70 - 130	

Definitions

LOQ	Limit of Quantitation
LCS	Laboratory Control Sample
% REC	Percent Recovery



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



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Terpenes Quality Control Results

Method Reference: EPA 5035		Batch ID: 2309876					
Sample/Sample Duplicate		Sample ID: 23-009224-0001					
Analyte	Result	Org. Result	LOQ	Units	% RPD	LIMIT	Notes
a-pinene	<LOQ	<LOQ	193	µg/g	0%	< 20	
Camphene	<LOQ	<LOQ	193	µg/g	0%	< 20	
Sabinene	<LOQ	<LOQ	193	µg/g	0%	< 20	
b-Pinene	<LOQ	<LOQ	193	µg/g	0%	< 20	
b-Myrcene	<LOQ	<LOQ	193	µg/g	0%	< 20	
a-phellandrene	<LOQ	<LOQ	193	µg/g	0%	< 20	
d-3-Carene	<LOQ	<LOQ	193	µg/g	0%	< 20	
a-Terpinene	<LOQ	<LOQ	193	µg/g	0%	< 20	
p-Cymene	<LOQ	<LOQ	193	µg/g	0%	< 20	
D-Limonene	<LOQ	<LOQ	193	µg/g	0%	< 20	
Eucalyptol	<LOQ	<LOQ	193	µg/g	0%	< 20	
b-cis-Ocimene	<LOQ	<LOQ	64.4	µg/g	0%	< 20	
b-trans-Ocimene	<LOQ	<LOQ	129	µg/g	0%	< 20	
g-Terpinene	<LOQ	<LOQ	193	µg/g	0%	< 20	
Sabinene_Hydrate	<LOQ	<LOQ	193	µg/g	0%	< 20	
Terpinolene	<LOQ	<LOQ	193	µg/g	0%	< 20	
D-Fenchone	<LOQ	<LOQ	193	µg/g	0%	< 20	
Linalool	<LOQ	<LOQ	193	µg/g	0%	< 20	
Fenchol	<LOQ	<LOQ	193	µg/g	0%	< 20	
Camphor	<LOQ	<LOQ	193	µg/g	0%	< 20	
Isopulego	<LOQ	<LOQ	193	µg/g	0%	< 20	
Isoborneol	<LOQ	<LOQ	193	µg/g	0%	< 20	
Borneol	<LOQ	<LOQ	193	µg/g	0%	< 20	
DL-Menthol	<LOQ	<LOQ	193	µg/g	0%	< 20	
Terpineol	<LOQ	<LOQ	193	µg/g	0%	< 20	
Nerol	<LOQ	<LOQ	193	µg/g	0%	< 20	
Pulegone	<LOQ	<LOQ	193	µg/g	0%	< 20	
Geraniol	<LOQ	<LOQ	193	µg/g	0%	< 20	
Geranyl_Acetate	<LOQ	<LOQ	193	µg/g	0%	< 20	
a-Cedrene	<LOQ	<LOQ	193	µg/g	0%	< 20	
b-Caryophyllene	<LOQ	<LOQ	193	µg/g	0%	< 20	
a-Humulene	<LOQ	<LOQ	193	µg/g	0%	< 20	
Valenene	<LOQ	<LOQ	193	µg/g	0%	< 20	
cis-Nerolidol	<LOQ	<LOQ	193	µg/g	0%	< 20	
a-Farnesene	<LOQ	<LOQ	193	µg/g	0%	< 20	
trans-Nerolidol	<LOQ	<LOQ	193	µg/g	0%	< 20	
Caryophyllene_Oxide	<LOQ	<LOQ	193	µg/g	0%	< 20	
Guaiol	<LOQ	<LOQ	193	µg/g	0%	< 20	
Cedrol	<LOQ	<LOQ	193	µg/g	0%	< 20	
a-Bisabolol	<LOQ	<LOQ	193	µg/g	0%	< 20	

Definitions

RPD Relative Percent Difference



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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.