



Customer: Oscity Biosciences
Product Identity: Oscity Calm Gummy with CBG
Metrc ID: .
Metrc Source ID:
Laboratory ID: 25-000419-0004

Summary

Potency:

Analyte per 1g	Result	Limits	Units	Status	
CBD per 1g	4.87		mg/1g		CBD-Total per Serving Size 4.87 mg/1g
CBG per 1g	0.931		mg/1g		
CBN per 1g	0.0399		mg/1g		Delta-9-THC-Total per 0.123 mg/1g
Δ9-THC per 1g	0.123		mg/1g		
Analyte per 4g	Result	Limits	Units	Status	
CBD per 4g	19.5		mg/4g		CBD-Total per Serving Size 19.5 mg/4g
CBG per 4g	3.72		mg/4g		
CBN per 4g	0.160		mg/4g		Delta-9-THC-Total per 0.492 mg/4g
Δ9-THC per 4g	0.492		mg/4g		(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.



Customer: Oscity Biosciences
 428 E Section Ave
 Foley Alabama 36535
 United States of America (USA)

Product identity: Oscity Calm Gummy with CBG

Metric ID: .

Metric Source ID:

Material: Cannabinoid Edible

Sample Date:

Laboratory ID: 25-000419-0004

Evidence of Cooling: No

Temp: 14.2 °C

Lot #: CIM12204

Serving Size #1: 1 g

Serving Size #2: 4 g

Sample Results

Potency per 1g **Method:** J AOAC 2015 V98-6 (mod)^b **Units mg/se** **Batch:** 2500372 **Analyze:** 1/16/25 8:06:00 PM

Analyte	Result	Limits	Units	LOQ	Notes
CBD per 1g	4.87		mg/1g	0.0304	
CBD-A per 1g [⊥]	< LOQ		mg/1g	0.0304	
CBD-Total per 1g [⊥]	4.87		mg/1g	0.0571	
CBG per 1g	0.931		mg/1g	0.0304	
CBG-A per 1g	< LOQ		mg/1g	0.0304	
CBG-Total per 1g	0.931		mg/1g	0.0568	
CBN per 1g	0.0399		mg/1g	0.0304	
Δ10-THC-9R per 1g	< LOQ		mg/1g	0.0304	
Δ10-THC-9S per 1g	< LOQ		mg/1g	0.0304	
Δ10-THC-Total per 1g	< LOQ		mg/1g	0.0608	
Δ8-THC per 1g [⊥]	< LOQ		mg/1g	0.0304	
Δ9-THC per 1g [⊥]	0.123		mg/1g	0.0304	
Δ9-THC-Total per 1g	0.123		mg/1g	0.0571	
THC-A per 1g [⊥]	< LOQ		mg/1g	0.0304	

Potency per 4g **Method:** J AOAC 2015 V98-6 (mod)^b **Units mg/se** **Batch:** 2500372 **Analyze:** 1/16/25 8:06:00 PM

Analyte	Result	Limits	Units	LOQ	Notes
CBD per 4g	19.5		mg/4g	0.122	
CBD-A per 4g	< LOQ		mg/4g	0.122	
CBD-Total per 4g	19.5		mg/4g	0.228	
CBG per 4g	3.72		mg/4g	0.122	
CBG-A per 4g	< LOQ		mg/4g	0.122	
CBG-Total per 4g	3.72		mg/4g	0.227	
CBN per 4g	0.160		mg/4g	0.122	
Δ10-THC-9R per 4g	< LOQ		mg/4g	0.122	



Potency per 4g Method: J AOAC 2015 V98-6 (mod)^b Units mg/se Batch: 2500372 Analyze: 1/16/25 8:06:00 PM

Analyte	Result	Limits	Units	LOQ	Notes
Δ10-THC-9S per 4g	< LOQ		mg/4g	0.122	
Δ8-THC per 4g	< LOQ		mg/4g	0.122	
Δ9-THC per 4g	0.492		mg/4g	0.122	
Δ9-THC-Total per 4g	0.492		mg/4g	0.228	
THC-A per 4g	< LOQ		mg/4g	0.122	

Microbiology

Analyte	Result	Limits	Units	LOQ	Batch	Analyzed Method	Status	Notes
Aerobic Plate Count	< LOQ	10,000	cfu/g	10	2500296	01/17/25 AOAC 990.12 (Petrifilm)	pass	
E.coli	< LOQ	100.00	cfu/g	10	2500294	01/17/25 AOAC 991.14 (Petrifilm)	pass	
Total Coliforms	< LOQ	100.00	cfu/g	10	2500294	01/17/25 AOAC 991.14 (Petrifilm)	pass	
Mold (RAPID Petrifilm)	< LOQ	1,000.	cfu/g	10	2500295	01/18/25 AOAC 2014.05 (RAPID)	pass	
Yeast (RAPID Petrifilm)	< LOQ	1,000.	cfu/g	10	2500295	01/18/25 AOAC 2014.05 (RAPID)	pass	
Salmonella spp. [⊥]	Negative	/25g			2500298	01/16/25 AOAC 2020.02 ^b		
EHEC including STEC [⊥]	Negative	/25g			2500299	01/16/25 AOAC RI 121806 ^b		

Solvents Method: Residual Solvents by HS-GC-MS^b Units μg/g Batch 2500423 Analyze 01/20/25 03:04 PM

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)	Units mg/kg	Batch 2500421	Analyze 01/20/25 01:51 PM			
Analyte	Result	Limits	LOQ	Status	Notes	Analyte	Result	Limits	LOQ	Status	Notes
Abamectin	< LOQ	0.300	0.100	pass		Acephate	< LOQ	5.00	0.100	pass	
Acequinocyl	< LOQ	4.00	0.100	pass		Acetamiprid	< LOQ	5.00	0.100	pass	
Aldicarb	< LOQ	0.100	0.100	pass		Azoxystrobin	< LOQ	40.0	0.100	pass	
Bifenazate	< LOQ	5.00	0.100	pass		Bifenthrin	< LOQ	0.500	3.00	pass	
Boscalid	< LOQ	10.0	0.100	pass		Captan	< LOQ	5.00	0.700	pass	
Carbaryl	< LOQ	0.500	0.500	pass		Carbofuran	< LOQ	0.100	0.100	pass	
Chlorantraniliprole	< LOQ	40.0	3.00	pass		Chlordane	< LOQ	0.100	0.100	pass	
Chlorfenapyr	< LOQ	0.100	0.100	pass		Chlorpyrifos-ethyl	< LOQ	0.100	0.100	pass	
Clofentezine	< LOQ	0.500	0.100	pass		Coumaphos	< LOQ	0.100	0.100	pass	
Cyfluthrin (sum)	< LOQ	1.00	2.00	pass		Cypermethrin and	< LOQ	1.00	1.00	pass	
Daminozide	< LOQ	0.100	0.100	pass		Diazinon	< LOQ	0.200	0.100	pass	
Dichlorvos	< LOQ	0.100	0.100	pass		Dimethoate	< LOQ	0.100	0.100	pass	
Dimethomorph	< LOQ	20.0	2.00	pass		Ethoprophos	< LOQ	0.100	0.100	pass	
Etofenprox	< LOQ	0.100	0.100	pass		Etoxazole	< LOQ	1.50	0.100	pass	
Fenhexamid	< LOQ	10.0	0.100	pass		Fenoxycarb	< LOQ	0.100	0.100	pass	
Fenpyroximate	< LOQ	2.00	0.100	pass		Fipronil	< LOQ	0.100	0.100	pass	
Flonicamid	< LOQ	2.00	0.100	pass		Fludioxonil	< LOQ	30.0	0.100	pass	
Hexythiazox	< LOQ	2.00	0.100	pass		Imazalil	< LOQ	0.100	0.100	pass	
Imidacloprid	< LOQ	3.00	3.00	pass		Kresoxim-methyl	< LOQ	1.00	0.100	pass	
Malathion	< LOQ	5.00	0.500	pass		Metalaxyl	< LOQ	15.0	2.00	pass	
Methiocarb	< LOQ	0.100	0.100	pass		Methomyl	< LOQ	0.100	1.00	pass	
Mevinphos	< LOQ	0.100	0.100	pass		Myclobutanil	< LOQ	9.00	0.100	pass	
Naled	< LOQ	0.500	0.100	pass		Oxamyl	< LOQ	0.200	0.500	pass	
Paclobutrazole	< LOQ	0.100	0.100	pass		Parathion-methyl	< LOQ	0.100	0.100	pass	
Permethrin	< LOQ	20.0	0.500	pass		Phosmet	< LOQ	0.200	0.100	pass	
Piperonyl butoxide	< LOQ	8.00	3.00	pass		Prallethrin	< LOQ	0.400	0.100	pass	
Propiconazole	< LOQ	20.0	0.100	pass		Propoxur	< LOQ	0.100	0.100	pass	
Pyrethrins (total)	< LOQ	1.00	0.500	pass		Pyridaben	< LOQ	3.00	0.100	pass	
Quintozene (PCNB)	< LOQ	0.200	0.100	pass		Spinetoram	< LOQ	3.00	0.100	pass	
Spinosad	< LOQ	3.00	0.100	pass		Spiromesifen	< LOQ	12.0	0.100	pass	
Spirotetramat	< LOQ	13.0	0.100	pass		Spiroxamine	< LOQ	0.100	0.100	pass	
Tebuconazole	< LOQ	2.00	0.100	pass		Thiacloprid	< LOQ	0.100	0.100	pass	
Thiamethoxam	< LOQ	4.50	3.00	pass		Trifloxystrobin	< LOQ	30.0	0.100	pass	



Terpenes					Method: J AOAC 2015 V98-6 ^b	Units %	Batch 2500430	Analyze 01/21/25 02:10 AM	
Analyte	Result	LOQ	% of Total	Notes	Analyte	Result	LOQ	% of Total	Notes
(±)-cis-Nerolidol	< LOQ	0.018	0.00%		(-)-a-Terpineol	< LOQ	0.018	0.00%	
(-)-caryophyllene oxide	< LOQ	0.018	0.00%		(-)-Guaiol	< LOQ	0.018	0.00%	
(-)-Isopulegol	< LOQ	0.018	0.00%		(-)-β-Pinene	< LOQ	0.018	0.00%	
(+)-Borneol	< LOQ	0.018	0.00%		(+)-Cedrol	< LOQ	0.018	0.00%	
(+)-fenchol	< LOQ	0.018	0.00%		(+)-Pulegone	< LOQ	0.018	0.00%	
(±)-Camphor	< LOQ	0.018	0.00%		(±)-fenchone	< LOQ	0.018	0.00%	
(±)-trans-Nerolidol	< LOQ	0.018	0.00%		(R)-(+)-Limonene	< LOQ	0.018	0.00%	
a-Bisabolol	< LOQ	0.018	0.00%		a-cedrene	< LOQ	0.018	0.00%	
a-phellandrene	< LOQ	0.018	0.00%		a-pinene	< LOQ	0.018	0.00%	
a-Terpinene	< LOQ	0.018	0.00%		Camphene	< LOQ	0.018	0.00%	
cis-β-Ocimene	< LOQ	0.006	0.00%		d-3-Carene	< LOQ	0.018	0.00%	
Eucalyptol	< LOQ	0.018	0.00%		farnesene	< LOQ	0.018	0.00%	
gamma-Terpinene	< LOQ	0.018	0.00%		Geraniol	< LOQ	0.018	0.00%	
Geranyl acetate	< LOQ	0.018	0.00%		Humulene	< LOQ	0.018	0.00%	
Isoborneol	< LOQ	0.018	0.00%		Linalool	< LOQ	0.018	0.00%	
Menthol	< LOQ	0.018	0.00%		nerol	< LOQ	0.018	0.00%	
p-Cymene	< LOQ	0.018	0.00%		Sabinene	< LOQ	0.018	0.00%	
Sabinene hydrate	< LOQ	0.018	0.00%		β-Caryophyllene	< LOQ	0.018	0.00%	
β-Myrcene	< LOQ	0.018	0.00%		Terpinolene	< LOQ	0.018	0.00%	
trans-β-Ocimene	< LOQ	0.012	0.00%		valencene	< LOQ	0.018	0.00%	
Total Terpenes	< LOQ								

Metals

Analyte	Result	Limits	Units	LOQ	Batch	Analyzed Method		Status	Notes
Arsenic [±]	< LOQ	0.200	mg/kg	0.0183	2500378	01/17/25	AOAC 2013.06 (mod.) ^b	pass	
Cadmium [±]	< LOQ	0.200	mg/kg	0.0183	2500378	01/17/25	AOAC 2013.06 (mod.) ^b	pass	
Lead [±]	< LOQ	0.500	mg/kg	0.0183	2500378	01/17/25	AOAC 2013.06 (mod.) ^b	pass	
Mercury [±]	< LOQ	0.100	mg/kg	0.00916	2500378	01/17/25	AOAC 2013.06 (mod.) ^b	pass	

Notes:

See attached Mycotoxin results

**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

/25g = Per 25g

cfu/g = Colony forming units per gram

g = Gram

µg/g = Microgram per gram

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

mg/1g = Milligram per 1g

mg/4g = Milligram per 4g

% = Percentage of sample

% wt = µg/g divided by 10,000



Certificate of Analysis

Provided for quality control or research and development purposes.

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Columbia Labs

12423 NE Whitaker Way
Portland, OR 97230
cannahemp@tentamus.com
(503) 254-1794
Lic. #010-1003224D558

Sample: 2501CH0307.1638

Strain: NA
Batch#: ; Batch Size: g
Sample Received: 01/15/2025; Report Created: 01/17/2025
Harvest/Production Date:
Sampling: Random; Environment: Room Temp

000419-04

Ingestible, Soft Chew, Other
Harvest Process Lot: ; METRC Batch: ; METRC Sample:



Mycotoxins

1370 LCQQQ4 20250115-1

Pass

Analyte	LOQ	Limit	Result	Status
	PPB	PPB	PPB	
B1	10.00		<LOQ	Tested
B2	10.00		<LOQ	Tested
G1	10.00		<LOQ	Tested
G2	10.00		<LOQ	Tested
Ochratoxin A	10.00	20.00	<LOQ	Pass
Total Aflatoxins	10.00	20.00	<LOQ	Pass

Method: Modified AOAC 2007.01, Triple Quad analysis; LOQ = Limit of Quantification; PPB = Parts Per Billion; ND = Not Detected; NR = Not Reported; ORELAP ID 4057. ChemHistory estimates its internal laboratory uncertainty acceptance limits to be 7% for sample pesticide results.



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Sample: 2501CH0307.1638

Strain: NA
Batch#: ; Batch Size: g
Sample Received: 01/15/2025; Report Created: 01/17/2025
Harvest/Production Date:
Sampling: Random; Environment: Room Temp

000419-04

Ingestible, Soft Chew, Other
Harvest Process Lot: ; METRC Batch: ; METRC Sample:



Quality Control Data

Analytical Batch ID	QC Sample ID	Assay Name	QC Category Name
1370 LCQQQ4 20250115-1	MRSB01142501CN	Mycotoxins	Sample Duplicate

QC Notes
None

Aflatoxins	ICV amount	Blank amount	LCS amount	CCV amount	LCS Expected	LCS % Recovery	Units	LCS Acceptance Limits
B1	954.26	0	168.08	984.7	200	0.8404	ppb	60-120%
B2	935.05	0	186.96	1030.96	200	0.935	ppb	60-120%
G1	909.44	0	176.98	1021.4	200	0.885	ppb	60-120%
G2	848.28	0	202.97	1060.14	200	1.01485	ppb	60-120%
Ochratoxin A	1192.94	0	146.7	983.51	200	0.733	ppb	60-120%



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Laboratory Quality Control Results
J AOAC 2015 V98-6 **Batch ID: 2500372**
Laboratory Control Sample

Analyte	LCS	Result	Spike	Units	% Rec	Limits	Evaluation	Notes
CBDVA	2	0.0313	0.0319	%	98.4	80.0 - 120	Acceptable	
CBDV	2	0.0310	0.0336	%	92.1	80.0 - 120	Acceptable	
CBE	2	0.0298	0.0327	%	91.2	80.0 - 120	Acceptable	
CBDA	1	0.0362	0.0353	%	103	90.0 - 110	Acceptable	
CBGA	1	0.0333	0.0345	%	96.6	80.0 - 120	Acceptable	
CBG	1	0.0331	0.0336	%	98.4	80.0 - 120	Acceptable	
CBD	1	0.0337	0.0332	%	102	90.0 - 110	Acceptable	
THCV	2	0.0314	0.0335	%	93.6	80.0 - 120	Acceptable	
d8THCV	2	0.0329	0.0344	%	95.7	80.0 - 120	Acceptable	
THCVA	2	0.0309	0.0315	%	98.2	80.0 - 120	Acceptable	
CBN	1	0.0323	0.0324	%	99.6	80.0 - 120	Acceptable	
exo-THC	2	0.0310	0.0325	%	95.4	80.0 - 120	Acceptable	
d9THC	1	0.0322	0.0332	%	97.3	90.0 - 110	Acceptable	
d8THC	1	0.0319	0.0340	%	93.7	90.0 - 110	Acceptable	
9S-d10THC	1	0.0339	0.0351	%	96.6	80.0 - 120	Acceptable	
CBL	2	0.0291	0.0323	%	89.8	80.0 - 120	Acceptable	
9R-d10THC	1	0.0351	0.0364	%	96.6	80.0 - 120	Acceptable	
CBC	2	0.0322	0.0339	%	95.0	80.0 - 120	Acceptable	
THCA	1	0.0376	0.0354	%	106	90.0 - 110	Acceptable	
CBCA	2	0.0330	0.0331	%	99.9	80.0 - 120	Acceptable	
CBLA	2	0.0338	0.0336	%	101	80.0 - 120	Acceptable	
d9THCP	2	0.0300	0.0329	%	91.1	80.0 - 120	Acceptable	
CBT	2	0.0304	0.0342	%	88.8	80.0 - 120	Acceptable	

Method Blank

Analyte	Result	LOQ	Units	Limits	Evaluation	Notes
CBDVA	<LOQ	0.00329	%	< 0.00329	Acceptable	
CBDV	<LOQ	0.00329	%	< 0.00329	Acceptable	
CBE	<LOQ	0.00329	%	< 0.00329	Acceptable	
CBDA	<LOQ	0.00329	%	< 0.00329	Acceptable	
CBGA	<LOQ	0.00329	%	< 0.00329	Acceptable	
CBG	<LOQ	0.00329	%	< 0.00329	Acceptable	
CBD	<LOQ	0.00329	%	< 0.00329	Acceptable	
THCV	<LOQ	0.00329	%	< 0.00329	Acceptable	
d8THCV	<LOQ	0.00329	%	< 0.00329	Acceptable	
THCVA	<LOQ	0.00329	%	< 0.00329	Acceptable	
CBN	<LOQ	0.00329	%	< 0.00329	Acceptable	
exo-THC	<LOQ	0.00329	%	< 0.00329	Acceptable	
d9THC	<LOQ	0.00329	%	< 0.00329	Acceptable	
d8THC	<LOQ	0.00329	%	< 0.00329	Acceptable	
9S-d10THC	<LOQ	0.00329	%	< 0.00329	Acceptable	
CBL	<LOQ	0.00329	%	< 0.00329	Acceptable	
9R-d10THC	<LOQ	0.00329	%	< 0.00329	Acceptable	
CBC	<LOQ	0.00329	%	< 0.00329	Acceptable	
THCA	<LOQ	0.00329	%	< 0.00329	Acceptable	
CBCA	<LOQ	0.00329	%	< 0.00329	Acceptable	
CBLA	<LOQ	0.00329	%	< 0.00329	Acceptable	
d9THCP	<LOQ	0.00329	%	< 0.00329	Acceptable	
CBT	<LOQ	0.00329	%	< 0.00329	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

J AOAC 2015 V98-6			Batch ID: 2500372					
Sample Duplicate			Sample ID: 25-000397-0001					
Analyte	Result	Org. Result	LOQ	Units	RPD	Limits	Evaluation	Notes
CBDVA	<LOQ	<LOQ	0.00318	%	NA	< 20	Acceptable	
CBDV	<LOQ	<LOQ	0.00318	%	NA	< 20	Acceptable	
CBE	<LOQ	<LOQ	0.00318	%	NA	< 20	Acceptable	
CBDA	<LOQ	<LOQ	0.00318	%	NA	< 20	Acceptable	
CBGA	<LOQ	<LOQ	0.00318	%	NA	< 20	Acceptable	
CBG	<LOQ	<LOQ	0.00318	%	NA	< 20	Acceptable	
CBD	<LOQ	<LOQ	0.00318	%	NA	< 20	Acceptable	
THCV	<LOQ	<LOQ	0.00318	%	NA	< 20	Acceptable	
d8THCV	<LOQ	<LOQ	0.00318	%	NA	< 20	Acceptable	
THCVA	<LOQ	<LOQ	0.00318	%	NA	< 20	Acceptable	
CBN	0.00453	0.00455	0.00318	%	0.319	< 20	Acceptable	
exo-THC	<LOQ	<LOQ	0.00318	%	NA	< 20	Acceptable	
d9THC	0.251	0.252	0.00318	%	0.0437	< 20	Acceptable	
d8THC	<LOQ	<LOQ	0.00318	%	NA	< 20	Acceptable	
9S-d10THC	<LOQ	<LOQ	0.00318	%	NA	< 20	Acceptable	
CBL	<LOQ	<LOQ	0.00318	%	NA	< 20	Acceptable	
9R-d10THC	<LOQ	<LOQ	0.00318	%	NA	< 20	Acceptable	
CBC	0.00327	0.00331	0.00318	%	1.20	< 20	Acceptable	
THCA	<LOQ	<LOQ	0.00318	%	NA	< 20	Acceptable	
CBCA	<LOQ	<LOQ	0.00318	%	NA	< 20	Acceptable	
CBLA	<LOQ	<LOQ	0.00318	%	NA	< 20	Acceptable	
d9THCP	<LOQ	<LOQ	0.00318	%	NA	< 20	Acceptable	
CBT	<LOQ	<LOQ	0.00318	%	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: 2500423				
Method Blank					Laboratory Control Sample				
Analyte	Result	LOQ	Notes	Result	Spike	Units	% Rec	Limits	Notes
Propane	ND	< 200		525	585	µg/g	89.7	60 - 120	
Isobutane	ND	< 200		650	770	µg/g	84.4	60 - 120	
Butane	ND	< 200		659	769	µg/g	85.7	60 - 120	
2,2-Dimethylpropane	ND	< 200		831	956	µg/g	86.9	60 - 120	
Methanol	ND	< 200		1440	1620	µg/g	88.9	60 - 120	
Ethylene Oxide	ND	< 30		51.2	57.7	µg/g	88.7	60 - 120	
2-Methylbutane	ND	< 200		1420	1640	µg/g	86.6	60 - 120	
Pentane	ND	< 200		1430	1640	µg/g	87.2	60 - 120	
Ethanol	ND	< 200		1400	1620	µg/g	86.4	70 - 130	
Ethyl Ether	ND	< 200		1460	1630	µg/g	89.6	60 - 120	
2,2-Dimethylbutane	ND	< 30		181	212	µg/g	85.4	60 - 120	
Acetone	ND	< 200		1460	1630	µg/g	89.6	60 - 120	
2-Propanol	ND	< 200		1440	1620	µg/g	88.9	60 - 120	
Ethyl Formate	ND	< 500		1110	1600	µg/g	69.4	70 - 130	Q6
Acetonitrile	ND	< 100		429	504	µg/g	85.1	60 - 120	
Methyl Acetate	ND	< 500		1380	1600	µg/g	86.3	70 - 130	
2,3-Dimethylbutane	ND	< 30		166	189	µg/g	87.8	60 - 120	
Dichloromethane	ND	< 60		456	538	µg/g	84.8	60 - 120	
2-Methylpentane	ND	< 30		163	182	µg/g	89.6	60 - 120	
MTBE	ND	< 500		1410	1600	µg/g	88.1	70 - 130	
3-Methylpentane	ND	< 30		168	179	µg/g	93.9	60 - 120	
Hexane	ND	< 30		163	178	µg/g	91.6	60 - 120	
1-Propanol	ND	< 500		1340	1600	µg/g	83.8	70 - 130	
Methylethylketone	ND	< 500		1380	1600	µg/g	86.3	70 - 130	
Ethyl acetate	ND	< 200		1440	1620	µg/g	88.9	60 - 120	
2-Butanol	ND	< 200		1450	1620	µg/g	89.5	60 - 120	
Tetrahydrofuran	ND	< 100		452	511	µg/g	88.5	60 - 120	
Cyclohexane	ND	< 200		1410	1620	µg/g	87.0	60 - 120	
2-methyl-1-propanol	ND	< 500		1350	1600	µg/g	84.4	70 - 130	
Benzene	ND	< 1		5.02	6.03	µg/g	83.3	60 - 120	
Isopropyl Acetate	ND	< 200		1480	1620	µg/g	91.4	60 - 120	
Heptane	ND	< 200		1470	1620	µg/g	90.7	60 - 120	
1-Butanol	ND	< 500		1370	1600	µg/g	85.6	70 - 130	
Propyl Acetate	ND	< 500		1470	1610	µg/g	91.3	70 - 130	
1,4-Dioxane	ND	< 100		458	503	µg/g	91.1	60 - 120	
2-Ethoxyethanol	ND	< 30		170	176	µg/g	96.6	60 - 120	
Methylisobutylketone	ND	< 500		1390	1610	µg/g	86.3	70 - 130	
3-Methyl-1-butanol	ND	< 500		1330	1600	µg/g	83.1	70 - 130	
Ethylene Glycol	ND	< 200		467	501	µg/g	93.2	60 - 120	
Toluene	ND	< 100		474	543	µg/g	87.3	60 - 120	
Isobutyl Acetate	ND	< 500		1380	1600	µg/g	86.3	70 - 130	
1-Pentanol	ND	< 500		1340	1600	µg/g	83.8	70 - 130	
Butyl Acetate	ND	< 500		1390	1600	µg/g	86.9	70 - 130	
Ethylbenzene	ND	< 200		836	983	µg/g	85.0	60 - 120	
m,p-Xylene	ND	< 200		854	1030	µg/g	82.9	60 - 120	
o-Xylene	ND	< 200		846	979	µg/g	86.4	60 - 120	
Cumene	ND	< 30		165	183	µg/g	90.2	60 - 120	
Anisole	ND	< 500		1360	1610	µg/g	84.5	70 - 130	
DMSO	ND	< 500		1320	1600	µg/g	82.5	70 - 130	
1,2-dimethoxyethane	ND	< 50		143	164	µg/g	87.2	70 - 130	
Triethylamine	ND	< 500		1320	1600	µg/g	82.5	70 - 130	
N,N-dimethylformamide	ND	< 150		382	481	µg/g	79.4	70 - 130	
N,N-dimethylacetamide	ND	< 150		428	486	µg/g	88.1	70 - 130	
Pyridine	ND	< 50		133	168	µg/g	79.2	70 - 130	
Sulfolane	ND	< 50		128	165	µg/g	77.6	70 - 130	
1,2-Dichloroethane	ND	< 1		0.903	1	µg/g	90.3	70 - 130	
Chloroform	ND	< 1		0.85	1	µg/g	85.0	70 - 130	
Trichloroethylene	ND	< 1		0.845	1	µg/g	84.5	70 - 130	
1,1-Dichloroethane	ND	< 1		0.88	1	µg/g	88.0	70 - 130	


QC - Sample Duplicate
Sample ID: 25-000419-0001

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



Terpenes Quality Control Results

Method Reference: EPA5035				Batch ID: 2500430					
Method Blank				Laboratory Control Sample					
Analyte	Result	LOQ	Notes	Result	LCS	Units	LCS % Rec	Limits	Notes
a-pinene	<LOQ	< 199		426	483	µg/g	88%	70 - 130	
Camphene	<LOQ	< 199		417	498	µg/g	84%	70 - 130	
α-pinene	<LOQ	< 199		418	483	µg/g	87%	70 - 130	
b-Pinene	<LOQ	< 199		410	483	µg/g	85%	70 - 130	
b-Myrcene	<LOQ	< 199		400	498	µg/g	80%	70 - 130	
α-phellandrene	<LOQ	< 199		416	498	µg/g	84%	70 - 130	
d-3-Carene	<LOQ	< 199		434	498	µg/g	87%	70 - 130	
α-Terpinene	<LOQ	< 199		430	483	µg/g	89%	70 - 130	
p-Cymene	<LOQ	< 199		433	498	µg/g	87%	70 - 130	
D-Limonene	<LOQ	< 199		470	483	µg/g	97%	70 - 130	
Eucalyptol	<LOQ	< 199		421	498	µg/g	85%	70 - 130	
b-cis-α-terpinene	<LOQ	< 66		159	161	µg/g	99%	70 - 130	
b-trans-α-terpinene	<LOQ	< 133		296	322	µg/g	92%	70 - 130	
γ-Terpinene	<LOQ	< 199		442	483	µg/g	92%	70 - 130	
α-pinene Hydrate	<LOQ	< 199		444	483	µg/g	92%	70 - 130	
Terpinolene	<LOQ	< 199		441	483	µg/g	91%	70 - 130	
D-Fenchone	<LOQ	< 199		427	483	µg/g	88%	70 - 130	
Linalool	<LOQ	< 199		479	498	µg/g	96%	70 - 130	
Fenchol	<LOQ	< 199		451	483	µg/g	93%	70 - 130	
Camphor	<LOQ	< 199		478	498	µg/g	96%	70 - 130	
Isopulego	<LOQ	< 199		494	498	µg/g	99%	70 - 130	
Isoborneol	<LOQ	< 199		470	498	µg/g	94%	70 - 130	
Borneol	<LOQ	< 199		449	483	µg/g	93%	70 - 130	
DL-Menthol	<LOQ	< 199		442	498	µg/g	89%	70 - 130	
Terpineol	<LOQ	< 199		472	483	µg/g	98%	70 - 130	
Nerd	<LOQ	< 199		436	498	µg/g	88%	70 - 130	
Pulegone	<LOQ	< 199		461	483	µg/g	95%	70 - 130	
Geraniol	<LOQ	< 199		453	483	µg/g	94%	70 - 130	
Geranyl Acetate	<LOQ	< 199		443	498	µg/g	89%	70 - 130	
α-Cedrene	<LOQ	< 199		464	483	µg/g	96%	70 - 130	
b-Caryophyllene	<LOQ	< 199		456	498	µg/g	92%	70 - 130	
α-Humulene	<LOQ	< 199		463	483	µg/g	96%	70 - 130	
Valene	<LOQ	< 199		441	498	µg/g	89%	70 - 130	
cis-Nerolidol	<LOQ	< 199		481	498	µg/g	97%	70 - 130	
α-Farnesene	<LOQ	< 199		466	498	µg/g	94%	70 - 130	
trans-Nerolidol	<LOQ	< 199		468	483	µg/g	97%	70 - 130	
Caryophyllene Oxide	<LOQ	< 199		461	498	µg/g	93%	70 - 130	
Guaiol	<LOQ	< 199		473	483	µg/g	98%	70 - 130	
Cedrol	<LOQ	< 199		466	498	µg/g	94%	70 - 130	
α-Bisabolol	<LOQ	< 199		501	498	µg/g	101%	70 - 130	

Definitions

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



Terpenes Quality Control Results

Method Reference: EPA5035				Batch ID: 2500430			
Sample/ Sample Duplicate				Sample ID: 25-000419-0002			
Analyte	Result	Org. Result	LOQ	Units	% RPD	LIMIT	Notes
a-pinene	<LOQ	<LOQ	194	µg/g	0%	< 20	
Camphene	<LOQ	<LOQ	194	µg/g	0%	< 20	
Sabinene	<LOQ	<LOQ	194	µg/g	0%	< 20	
b-Pinene	<LOQ	<LOQ	194	µg/g	0%	< 20	
b-Myrcene	<LOQ	<LOQ	194	µg/g	0%	< 20	
a-phellandrene	<LOQ	<LOQ	194	µg/g	0%	< 20	
d-3-Carene	<LOQ	<LOQ	194	µg/g	0%	< 20	
a-Terpinene	<LOQ	<LOQ	194	µg/g	0%	< 20	
p-Cymene	<LOQ	<LOQ	194	µg/g	0%	< 20	
D-Limonene	<LOQ	<LOQ	194	µg/g	0%	< 20	
Eucalyptol	<LOQ	<LOQ	194	µg/g	0%	< 20	
b-cis-α-terpinene	<LOQ	<LOQ	64.8	µg/g	0%	< 20	
b-trans-α-terpinene	<LOQ	<LOQ	130	µg/g	0%	< 20	
g-Terpinene	<LOQ	<LOQ	194	µg/g	0%	< 20	
Sabinene Hydrate	<LOQ	<LOQ	194	µg/g	0%	< 20	
Terpinolene	<LOQ	<LOQ	194	µg/g	0%	< 20	
D-Fenchone	<LOQ	<LOQ	194	µg/g	0%	< 20	
Linalool	<LOQ	<LOQ	194	µg/g	0%	< 20	
Fenchol	<LOQ	<LOQ	194	µg/g	0%	< 20	
Camphor	<LOQ	<LOQ	194	µg/g	0%	< 20	
Isopulego	<LOQ	<LOQ	194	µg/g	0%	< 20	
Isoborneol	<LOQ	<LOQ	194	µg/g	0%	< 20	
Borneol	<LOQ	<LOQ	194	µg/g	0%	< 20	
DL-Menthol	<LOQ	<LOQ	194	µg/g	0%	< 20	
Terpineol	<LOQ	<LOQ	194	µg/g	0%	< 20	
Nerd	<LOQ	<LOQ	194	µg/g	0%	< 20	
Pulegone	<LOQ	<LOQ	194	µg/g	0%	< 20	
Geraniol	<LOQ	<LOQ	194	µg/g	0%	< 20	
Geranyl Acetate	<LOQ	<LOQ	194	µg/g	0%	< 20	
α-Cedrene	<LOQ	<LOQ	194	µg/g	0%	< 20	
b-Caryophyllene	<LOQ	<LOQ	194	µg/g	0%	< 20	
α-Humulene	<LOQ	<LOQ	194	µg/g	0%	< 20	
Valene	<LOQ	<LOQ	194	µg/g	0%	< 20	
cis-Nerolidol	<LOQ	<LOQ	194	µg/g	0%	< 20	
α-Farnesene	<LOQ	<LOQ	194	µg/g	0%	< 20	
trans-Nerolidol	<LOQ	<LOQ	194	µg/g	0%	< 20	
Caryophyllene Oxide	<LOQ	<LOQ	194	µg/g	0%	< 20	
Guaiol	<LOQ	<LOQ	194	µg/g	0%	< 20	
Cedrol	<LOQ	<LOQ	194	µg/g	0%	< 20	
α-Bisabolol	<LOQ	<LOQ	194	µg/g	0%	< 20	

Definitions

RPD Relative Percent Difference



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



Report Number: 25-000419/D001.R000
Report Date: 01/21/2025
ORELAP#: OR100028
Purchase Order:
Received: 01/14/25 10:44





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.