

Prepared for:
Vlasic Labs

1699 Traditional
Commerce, MI USA 48390

25mg CBD BS Dist GreenApple Gel Gummy 204.011.0003

Batch ID or Lot Number: 231024001	Test: Potency	Reported: 02Nov2023	USDA License: N/A
Matrix: Unit	Test ID: T000260105	Started: 31Oct2023	Sampler ID: N/A
	Method(s): TM14 (HPLC-DAD)	Received: 27Oct2023	Status: N/A

Cannabinoids

	LOD (mg)	LOQ (mg)	Result (mg)	Result (mg/g)	Notes
Cannabichromene (CBC)	0.222	0.835	ND	ND	# of Servings = 1, Sample Weight=3.165g
Cannabichromenic Acid (CBCA)	0.203	0.764	ND	ND	
Cannabidiol (CBD)	0.929	2.325	28.980	9.20	
Cannabidiolic Acid (CBDA)	0.953	2.385	ND	ND	
Cannabidivarin (CBDV)	0.220	0.550	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.397	0.995	ND	ND	
Cannabigerol (CBG)	0.126	0.474	ND	ND	
Cannabigerolic Acid (CBGA)	0.526	1.982	ND	ND	
Cannabinol (CBN)	0.164	0.619	ND	ND	
Cannabinolic Acid (CBNA)	0.359	1.352	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.627	2.362	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.569	2.145	ND	ND	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.505	1.900	ND	ND	
Tetrahydrocannabivarin (THCV)	0.115	0.431	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.445	1.676	ND	ND	
Total Cannabinoids			28.980	9.20	
Total Potential THC			ND	ND	
Total Potential CBD			28.980	9.20	

Final Approval



Karen Winternheimer
02Nov2023
01:24:00 PM MDT

PREPARED BY / DATE



Sam Smith
02Nov2023
01:26:00 PM MDT

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/9567b8fa-a9b6-4c55-a165-2f993977d078>

Definitions

% = % (w/w) = Percent (weight of analyte / weight of product). ND = None Detected (defined by dynamic range of the method). Total Potential Delta 9-THC or CBD is calculated to take into account the loss of a carboxyl group during decarboxylation step, using the following formulas: Total Potential Delta 9-THC = Delta 9-THC + (Delta 9-THCa *(0.877)) and Total CBD = CBD + (CBDA *(0.877)).

Testing results are based solely upon the sample submitted to SC Laboratories, Inc., in the condition it was received. SC Laboratories, Inc., warrants that all analytical work is conducted professionally in accordance with all applicable standard laboratory practices using validated methods. Data was generated using an unbroken chain of comparison to NIST traceable Reference Standards and Certified Reference Materials. This report may not be reproduced, except in full, without the written approval of SC Laboratories, Inc. ISO/IEC 17025:2017 A2LA Cert #: 4329.02 Chemical; 4329.03 Biological.



Cert #4329.02
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Prepared for:
Vlasic Labs

1699 Traditional
Commerce, MI USA 48390

25mg CBD BS Dist GreenApple Gel Gummy 204.011.0003

Batch ID or Lot Number: 231024001	Test: Residual Solvents	Reported: 31Oct2023	USDA License: N/A
Matrix: Finished Product	Test ID: T000260108	Started: 29Oct2023	Sampler ID: N/A
	Method(s): TM04 (GC-MS): Residual Solvents	Received: 27Oct2023	Status: Active

Residual Solvents	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	95 - 1902	ND	
Butanes (Isobutane, n-Butane)	187 - 3738	ND	
Methanol	63 - 1264	ND	
Pentane	97 - 1944	ND	
Ethanol	101 - 2017	ND	
Acetone	101 - 2013	ND	
Isopropyl Alcohol	110 - 2194	ND	
Hexane	6 - 124	ND	
Ethyl Acetate	103 - 2068	ND	
Benzene	0.2 - 4.1	ND	
Heptanes	99 - 1989	ND	
Toluene	18 - 370	ND	
Xylenes (m,p,o-Xylenes)	135 - 2706	ND	

Final Approval



Karen Winternheimer
31Oct2023
09:08:00 AM MDT

PREPARED BY / DATE



Sam Smith
31Oct2023
09:10:00 AM MDT

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/b6750416-3a52-437b-b9a0-ad437e2d092a>

Definitions

ND = None Detected (defined by dynamic range of the method)
Dynamic Range = Limit of Quantitation (LOQ) through Upper Limit of Method Range

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Prepared for:
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1699 Traditional
Commerce, MI USA 48390


25mg CBD BS Dist GreenApple Gel Gummy 204.011.0003

Batch ID or Lot Number: 231024001	Test: Heavy Metals	Reported: 02Nov2023	USDA License: NA
Matrix: Finished Product	Test ID: T000260107	Started: 02Nov2023	Sampler ID: NA
	Method(s): TM19 (ICP-MS): Heavy Metals	Received: 27Oct2023	Status: NA

Heavy Metals	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.04 - 4.32	ND	
Cadmium	0.05 - 4.62	ND	
Mercury	0.04 - 4.43	ND	
Lead	0.06 - 5.58	ND	

Final Approval


 Sam Smith
 02Nov2023
 01:02:00 PM MDT
 PREPARED BY / DATE


 Karen Winternheimer
 02Nov2023
 01:12:00 PM MDT
 APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/813e1894-3dce-47ae-8c1d-5038422a254e>

Definitions
 ND = None Detected (defined by dynamic range of the method)
 Dynamic Range = Limit of Quantitation (LOQ) through Upper Limit of Method Range

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Prepared for:
Vlasic Labs


1699 Traditional
Commerce, MI USA 48390

25mg CBD BS Dist GreenApple Gel Gummy 204.011.0003

Batch ID or Lot Number: 231024001	Test: Pesticides	Reported: 06Nov2023	USDA License: NA
Matrix: Finished Product	Test ID: T000260106	Started: 03Nov2023	Sampler ID: NA
	Method(s): TM17 (LC-QQ LC MS/MS)	Received: 27Oct2023	Status: NA

Pesticides	Dynamic Range (ppb)	Result (ppb)	Pesticides	Dynamic Range (ppb)	Result (ppb)
Abamectin	323 - 2856	ND	Malathion	288 - 2644	ND
Acephate	43 - 2689	ND	Metalaxyl	42 - 2661	ND
Acetamiprid	42 - 2679	ND	Methiocarb	46 - 2675	ND
Azoxystrobin	44 - 2663	ND	Methomyl	43 - 2708	ND
Bifenazate	44 - 2666	ND	MGK 264 1	158 - 1606	ND
Boscalid	42 - 2654	ND	MGK 264 2	108 - 1083	ND
Carbaryl	41 - 2678	ND	Myclobutanil	51 - 2691	ND
Carbofuran	47 - 2640	ND	Naled	44 - 2648	ND
Chlorantraniliprole	43 - 2675	ND	Oxamyl	44 - 2722	ND
Chlorpyrifos	42 - 2748	ND	Pacllobutrazol	44 - 2667	ND
Clofentezine	269 - 2680	ND	Permethrin	293 - 2776	ND
Diazinon	272 - 2675	ND	Phosmet	45 - 2545	ND
Dichlorvos	258 - 2738	ND	Prophos	280 - 2684	ND
Dimethoate	43 - 2617	ND	Propoxur	45 - 2661	ND
E-Fenpyroximate	282 - 2766	ND	Pyridaben	292 - 2733	ND
Etofenprox	45 - 2792	ND	Spinosad A	33 - 2080	ND
Etoxazole	281 - 2669	ND	Spinosad D	62 - 673	ND
Fenoxycarb	42 - 2699	ND	Spiromesifen	265 - 2742	ND
Fipronil	30 - 2741	ND	Spirotetramat	284 - 2702	ND
Flonicamid	50 - 2736	ND	Spiroxamine 1	17 - 998	ND
Fludioxonil	285 - 2644	ND	Spiroxamine 2	27 - 1557	ND
Hexythiazox	43 - 2789	ND	Tebuconazole	279 - 2638	ND
Imazalil	265 - 2708	ND	Thiacloprid	43 - 2700	ND
Imidacloprid	46 - 2726	ND	Thiamethoxam	42 - 2694	ND
Kresoxim-methyl	44 - 2675	ND	Trifloxystrobin	48 - 2684	ND

Final Approval



Sam Smith
06Nov2023
07:06:00 AM MST

PREPARED BY / DATE



Karen Winternheimer
06Nov2023
07:14:00 AM MST

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/8d15e8af-a050-41cc-bff7-f4f9aae39347>

Definitions

ND = None Detected (defined by dynamic range of the method)
Dynamic Range = Limit of Quantitation (LOQ) through Upper Limit of Method Range
ppb = Parts Per Billion

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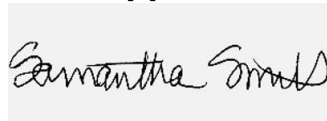
1699 Traditional
Commerce, MI USA 48390

25mg CBD BS Dist GreenApple Gel Gummy 204.011.0003

Batch ID or Lot Number: 231024001	Test: Mycotoxins	Reported: 08Nov2023	USDA License: N/A
Matrix: Finished Product	Test ID: T000260109	Started: 06Nov2023	Sampler ID: N/A
	Method(s): TM18 (UHPLC-QQQ LCMS/MS): Mycotoxins	Received: 27Oct2023	Status: Active

Mycotoxins	Dynamic Range (ppb)	Result (ppb)	Notes
Ochratoxin A	1.98 - 123.89	ND	N/A
Aflatoxin B1	0.87 - 32.46	ND	
Aflatoxin B2	2.13 - 32.15	ND	
Aflatoxin G1	0.93 - 32.21	ND	
Aflatoxin G2	1.11 - 32.30	ND	
Total Aflatoxins (B1, B2, G1, and G2)		ND	

Final Approval



Sam Smith
08Nov2023
10:06:00 AM MST

PREPARED BY / DATE



Karen Winternheimer
08Nov2023
10:19:00 AM MST

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/c6155814-1f9c-4bb4-8674-8234c2a5a4d6>

Definitions

ND = None Detected (defined by dynamic range of the method)
Dynamic Range = Limit of Quantitation (LOQ) through Upper Limit of Method Range

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



Report Number: 23-012872/D002.R000
Report Date: 11/06/2023
ORELAP#: OR100028
Purchase Order:
Received: 10/31/23 10:35

Customer: Vlastic Labs
Product identity: 25mg CBD BS Dist GreenApple Gel Gummy 204.011.0003 - 231024001
Client/Metric ID: .
Laboratory ID: 23-012872-0001

Summary

Microbiology:

Less than LOQ for all analytes.



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



Report Number: 23-012872/D002.R000
Report Date: 11/06/2023
ORELAP#: OR100028
Purchase Order:
Received: 10/31/23 10:35

Customer: Vlastic Labs
 1699 Traditional Commerce
 Walled Lake Michigan 48390
 United States of America (USA)

Product identity: 25mg CBD BS Dist GreenApple Gel Gummy 204.011.0003 - 231024001

Client/Metric ID: .

Sample Date:

Laboratory ID: 23-012872-0001

Evidence of Cooling: No

Temp: 17.1 °C

Relinquished by: client

Sample Results

Microbiology

Analyte	Result	Limits	Units	LOQ	Batch	Analyzed Method	Status	Notes
Aerobic Plate Count	< LOQ		cfu/g	10	2312383	11/03/23 AOAC 990.12 (Petrifilm) ^P		
E.coli	< LOQ		cfu/g	10	2312381	11/03/23 AOAC 991.14 (Petrifilm) ^P		
Total Coliforms	< LOQ		cfu/g	10	2312381	11/03/23 AOAC 991.14 (Petrifilm) ^P		
Mold (RAPID Petrifilm)	< LOQ		cfu/g	10	2312382	11/03/23 AOAC 2014.05 (RAPID) ^P		
Yeast (RAPID Petrifilm)	< LOQ		cfu/g	10	2312382	11/03/23 AOAC 2014.05 (RAPID) ^P		



12423 NE Whitaker Way
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Report Number: 23-012872/D002.R000
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Received: 10/31/23 10:35

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

cfu/g = Colony forming units per gram

% 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: 23-012872/D002.R000
Report Date: 11/06/2023
ORELAP#: OR100028
Purchase Order:
Received: 10/31/23 10:35





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.