



CERTIFICATE OF ANALYSIS

Regulatory Compliance Testing

Report Date: Aug 06, 2024

Overall Result



PASS

Naturae LLC

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Blueberry Lemonade

Edible Solid



SAMPLE INFORMATION

Sample ID: CTNY-240730-007
Sample Name: Blueberry Lemonade
Matrix: Cannabis Edible Product
Product: Edible Solid
Batch No.: JYDG24212G
Batch Size: 3489 Units
Sample Size: 20 Units
Serving Size: 5 g
Package Size: 50 g
Cultivar(s): N/A
Date Collected: Jul 30, 2024
Time Collected: 12:24:26
Date Received: Jul 30, 2024
Category: Cannabis_edible_product
Compliance Type: Adult Use
Received By: Logan Emerson Alvarez

MANUFACTURER

Naturae LLC
License: OCM-AUCP-22-000028
Address: 4883 NY-67
Hoosick Falls, NY 12090

CONTACT

Dennis Tario
Phone: (518) 937-7247
Address: 4883 NY-67
Hoosick Falls, NY 12090

Cannabinoids

TOTAL
CANNABINOIDS

15.55
mg/srv

TOTAL
THC

8.75
mg/srv

TOTAL
CBD

< LOQ
mg/srv

0.18
0.16
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0

Δ9-THC

THCV

CBD

Terpenes

TOTAL
TERPENES

0%

TOP 5 TERPENES

PROFILE

Cannabinoids



TESTED

Pesticides



PASS

Heavy Metals



PASS

Residual Solvents



PASS

Microbials



PASS

Terpenes



TESTED

Mycotoxins



PASS

Water Activity



PASS



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Larry Clement
Technical Lab Director
Aug 06, 2024



Lovelie Metzgar
Quality Manager
Aug 06, 2024

Definitions and Equations: Total THC = THCa*0.877 + Δ8-THC + Δ9-THC + Δ10-THC, Δ10-THC = 9R-Δ10-THC + 9S-Δ10-THC, Total CBD = CBDA*0.877 + CBD, Total Cannabinoids = All analytes summed excluding the isomers 9R-Δ10-THC and 9S-Δ10-THC, LOQ = Limit of Quantification, LOD = Limit of Detection. This report, and all results within, relates only to the items tested, calibrated or sampled, and may not be reproduced without written approval from CTND. All methods and results used conform to the NYS OCM regulations and standards. For bulk flower and plant forms, phytocannabinoids are corrected for moisture content and reported on a dry weight basis. Sampling & Transportation SOP: CTND-NY-SOP-SM-001



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Cannabinoids

Testing Method: CTND-NY-SOP-P-002, CTND-NY-SOP-P-001: Cannabinoids by HPLC

TESTED

Analyte	Dilution	LOQ	Results	Results	Results	Results
	1:n	%	%	mg/g	mg/pkg	mg/srv
9R- Δ^9 -THC	20	0.00755	< LOQ	< LOQ	< LOQ	< LOQ
9S- Δ^9 -THC	20	0.00755	< LOQ	< LOQ	< LOQ	< LOQ
CBC	20	0.00755	0.0444	0.444	22.2	2.22
CBD	20	0.00755	< LOQ	< LOQ	< LOQ	< LOQ
CBDA	20	0.00755	< LOQ	< LOQ	< LOQ	< LOQ
CBDV	20	0.00755	< LOQ	< LOQ	< LOQ	< LOQ
CBG	20	0.00755	< LOQ	< LOQ	< LOQ	< LOQ
Total THC			0.175	1.75	87.5	8.75
Total CBD			< LOQ	< LOQ	< LOQ	< LOQ

Prepared By: 38fef6
Analysis Date: Aug 06, 2024 11:25:00 EDT

Analyzed By: 38fef6
Prep Weight: 1.3251 Grams

Reviewed By: 38fef6
Lab Batch #: NP240172

Heavy Metals

Testing Method: CTND-NY-SOP-M-002, CTND-NY-SOP-M-001: Heavy Metals by ICP-MS

PASS

Analyte	Dilution	LOQ	Limit	Results	Status
	1:n	$\mu\text{g/g}$	$\mu\text{g/g}$	$\mu\text{g/g}$	
Antimony	2	0.075	120	< LOQ	Pass
Arsenic	2	0.075	1.5	< LOQ	Pass
Cadmium	2	0.075	0.5	< LOQ	Pass
Chromium	2	0.151	1100	< LOQ	Pass

Prepared By: tvckqh
Analysis Date: Jul 31, 2024 15:18:00 EDT

Analyzed By: tvckqh
Prep Weight: 0.5304 Grams

Reviewed By: tvckqh
Lab Batch #: NM240134



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Larry Clement
Technical Lab Director
Aug 06, 2024



Lovelie Metzgar
Quality Manager
Aug 06, 2024

Definitions and Equations: Total THC = $\text{THCa} \times 0.877 + \Delta^8\text{-THC} + \Delta^9\text{-THC} + \Delta^{10}\text{-THC}$, $\Delta^{10}\text{-THC} = 9\text{R-}\Delta^{10}\text{-THC} + 9\text{S-}\Delta^{10}\text{-THC}$, Total CBD = $\text{CBDA} \times 0.877 + \text{CBD}$, Total Cannabinoids = All analytes summed excluding the isomers 9R- Δ^{10} -THC and 9S- Δ^{10} -THC, LOQ = Limit of Quantification, LOD = Limit of Detection. This report, and all results within, relates only to the items tested, calibrated or sampled, and may not be reproduced without written approval from CTND. All methods and results used conform to the NYS OCM regulations and standards. For bulk flower and plant forms, phytocannabinoids are corrected for moisture content and reported on a dry weight basis. Sampling & Transportation SOP: CTND-NY-SOP-SM-001



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Microbials

PASS

Analyte	LOQ	Limit	Results	Status	Testing & Prep Method: Micro: Total Viable Aerobic Bacteria by Biomerieux Tempo		
Aerobic Bacteria	CFU/g 100	CFU/g 10000	CFU/g < LOQ	Pass	Prepared By: k4gdmc Analysis Date: Jul 31, 2024 12:00:00 EDT	Reviewed By: k4gdmc Lab Batch #: NB240057	Analyzed By: k4gdmc
Analyte	LOQ	Limit	Results	Status	Testing & Prep Method: Micro: Total Yeast & Mold by Biomerieux Tempo		
Yeast & Mold	CFU/g 100	CFU/g 1000	CFU/g < LOQ	Pass	Prepared By: k4gdmc Analysis Date: Aug 02, 2024 15:50:00 EDT	Reviewed By: k4gdmc Lab Batch #: NB240057	Analyzed By: k4gdmc
Analyte	LOQ	Limit	Results	Status	Testing & Prep Method: Micro: Aspergillus by Biomerieux Gene-Up		
Aspergillus flavus	CFU/g 1.00	Absent in any amt	CFU/g Absent	Pass	Prepared By: k4gdmc Analysis Date: Aug 02, 2024 16:00:00 EDT	Reviewed By: k4gdmc Lab Batch #: NB240058	Analyzed By: k4gdmc
Aspergillus fumigatus	1.00	Absent in any amt	Absent	Pass			
Aspergillus niger	1.00	Absent in any amt	Absent	Pass			
Aspergillus terreus	1.00	Absent in any amt	Absent	Pass			
Analyte	LOQ	Limit	Results	Status	Testing & Prep Method: Micro: Shiga Toxin-producing E. Coli by Biomerieux Gene-Up		
Shiga toxin-producing E. coli	CFU/g 1.00	CFU/g Absent in any amt	CFU/g Absent	Pass	Prepared By: k4gdmc Analysis Date: Aug 02, 2024 16:00:00 EDT	Reviewed By: k4gdmc Lab Batch #: NB240057	Analyzed By: k4gdmc
Analyte	LOQ	Limit	Results	Status	Testing & Prep Method: Micro: Salmonella by Biomerieux Gene-Up		
Salmonella spp.	CFU/g 1.00	CFU/g Absent in any amt	CFU/g Absent	Pass	Prepared By: k4gdmc Analysis Date: Aug 02, 2024 16:00:00 EDT	Reviewed By: k4gdmc Lab Batch #: NB240057	Analyzed By: k4gdmc

Mycotoxins

Testing Method: CTND-NY-SOP-PM-002, CTND-NY-SOP-PM-001: Mycotoxins by LC-MS/MS

PASS

Analyte	Dilution	LOQ	Limit	Results	Status	Analyte	Dilution	LOQ	Limit	Results	Status
	1:n	µg/g	µg/g	µg/g			1:n	µg/g	µg/g	µg/g	
Aflatoxin B1	1	0.00818		< LOQ	N/A	Aflatoxin G2	1	0.00818		< LOQ	N/A
Aflatoxin B2	1	0.00818		< LOQ	N/A	Ochratoxin A	1	0.00818	0.02	< LOQ	Pass
Aflatoxin G1	1	0.00818		< LOQ	N/A	Aflatoxins			0.02	< LOQ	Pass
Aflatoxins			0.02	< LOQ	Pass						
Prepared By: k4gdmc Analysis Date: Jul 31, 2024 13:30:00 EDT			Analyzed By: k4gdmc Prep Weight: 1.223 Grams			Reviewed By: k4gdmc Lab Batch #: NPM240127					



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Pesticides

Testing Method: CTND-NY-SOP-PM-002: Pesticides by LC-MS/MS

PASS

Analyte	Dilution	LOQ	Limit	Results	Status	Analyte	Dilution	LOQ	Limit	Results	Status
	1:n	ppm	ppm	ppm			1:n	ppm	ppm	ppm	
Abamectin	1	0.0818	0.5	< LOQ	Pass	Malathion	1	0.0818	0.2	< LOQ	Pass
Acephate	1	0.0818	0.4	< LOQ	Pass	Metalaxyl	1	0.0818	0.2	< LOQ	Pass
Acequinocyl	1	0.0818	2	< LOQ	Pass	Methiocarb	1	0.0818	0.2	< LOQ	Pass
Acetamiprid	1	0.0818	0.2	< LOQ	Pass	Methomyl	1	0.0818	0.4	< LOQ	Pass
Aldicarb	1	0.0818	0.4	< LOQ	Pass	Methyl parathion	1	0.0818	0.2	< LOQ	Pass
Azadirachtin	1	0.0818	1	< LOQ	Pass	Mevinphos	1	0.0818	1	< LOQ	Pass
Azoxystrobin	1	0.0818	0.2	< LOQ	Pass	MGK-264			0.2	< LOQ	Pass
Bifenazate	1	0.0818	0.2	< LOQ	Pass	MGK-264 I	1	0.0269		< LOQ	N/A
Bifenthrin	1	0.0818	0.2	< LOQ	Pass	MGK-264 II	1	0.0528		< LOQ	N/A
Boscalid	1	0.0818	0.4	< LOQ	Pass	Myclobutanil	1	0.0818	0.2	< LOQ	Pass
Captan	1	0.0818	1	< LOQ	Pass	Naled	1	0.0818	0.5	< LOQ	Pass
Carbaryl	1	0.0818	0.2	< LOQ	Pass	Oxamyl	1	0.0818	1	< LOQ	Pass
Carbofuran	1	0.0818	0.2	< LOQ	Pass	Paclobutrazol	1	0.0818	0.4	< LOQ	Pass
Chlorantranil- iprole	1	0.0818	0.2	< LOQ	Pass	Pentachloroni- trobenzene	1	0.0818	1	< LOQ	Pass
Chlordane	1	0.327	1	< LOQ	Pass	Permethrin			0.2	< LOQ	Pass
Chlorfenapyr	1	0.0818	1	< LOQ	Pass	Permethrin cis	1	0.0376		< LOQ	N/A
Chlormequat chloride	1	0.0818	1	< LOQ	Pass	Permethrin trans	1	0.0442		< LOQ	N/A
Chlorpyrifos	1	0.0818	0.2	< LOQ	Pass	Phosmet	1	0.0818	0.2	< LOQ	Pass
Clofentezine	1	0.0818	0.2	< LOQ	Pass	Piperonylbuto- xide	1	0.0818	2	< LOQ	Pass
Coumaphos	1	0.0818	1	< LOQ	Pass	Prallethrin	1	0.0818	0.2	< LOQ	Pass
Cyfluthrin	1	0.0818	1	< LOQ	Pass	Propiconazole	1	0.0818	0.4	< LOQ	Pass
Cypermethrin	1	0.0818	1	< LOQ	Pass	Propoxur	1	0.0818	0.2	< LOQ	Pass
Daminozide	1	0.0818	1	< LOQ	Pass	Pyrethrins			1	< LOQ	Pass
Diazinon	1	0.0818	0.2	< LOQ	Pass	Pyrethrins Cinerin I	1	0.00442		< LOQ	N/A
Dichlorvos	1	0.0818	1	< LOQ	Pass	Pyrethrins Cinerin II	1	0.00294		< LOQ	N/A
Dimethoate	1	0.0818	0.2	< LOQ	Pass	Pyrethrins Jasmolin I	1	0.00309		< LOQ	N/A
Dimethomorph	1	0.0818	1	< LOQ	Pass	Pyrethrins Jasmolin II	1	0.00206		< LOQ	N/A
Ethoprophos	1	0.0818	0.2	< LOQ	Pass	Pyrethrins Pyrethrin I	1	0.0435		< LOQ	N/A
Etofenprox	1	0.0818	0.4	< LOQ	Pass	Pyrethrins Pyrethrin II	1	0.0215		< LOQ	N/A
Etoxazole	1	0.0818	0.2	< LOQ	Pass	Pyridaben	1	0.0818	0.2	< LOQ	Pass
Fenhexamid	1	0.0818	1	< LOQ	Pass	Spinetoram	1	0.0818	1	< LOQ	Pass
Fenoxycarb	1	0.0818	0.2	< LOQ	Pass	Spinosad			0.2	< LOQ	Pass
Fenpyroximate	1	0.0818	0.4	< LOQ	Pass	Spinosad A	1	0.0659		< LOQ	N/A
Fipronil	1	0.0818	0.4	< LOQ	Pass	Spinosad D	1	0.0142		< LOQ	N/A
Flonicamid	1	0.0818	1	< LOQ	Pass	Spiromesifen	1	0.0818	0.2	< LOQ	Pass
Fludioxonil	1	0.0818	0.4	< LOQ	Pass	Spirotetramat	1	0.0818	0.2	< LOQ	Pass
Hexythiazox	1	0.0818	1	< LOQ	Pass	Spiroxamine	1	0.0818	0.2	< LOQ	Pass
Imazalil	1	0.0818	0.2	< LOQ	Pass	Tebuconazole	1	0.0818	0.4	< LOQ	Pass
Imidacloprid	1	0.0818	0.4	< LOQ	Pass	Thiacloprid	1	0.0818	0.2	< LOQ	Pass
Indole-3-butyric acid	1	0.0818	1	< LOQ	Pass	Thiamethoxam	1	0.0818	0.2	< LOQ	Pass
Kresoxim- methyl	1	0.0818	0.4	< LOQ	Pass	Trifloxystrob- in	1	0.0818	0.2	< LOQ	Pass

Prepared By: k4gdmc
Analysis Date: Jul 31, 2024 13:30:00 EDT

Analyzed By: k4gdmc
Prep Weight: 1.223 Grams

Reviewed By: k4gdmc
Lab Batch #: NPM240127



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Residual Solvents

Testing Method: CTND-NY-SOP-R-001, CTND-NY-SOP-R-002: Residual Solvents by GC-MS

PASS

Analyte	Dilution	LOQ	Limit	Results	Status	Analyte	Dilution	LOQ	Limit	Results	Status
	1:n	ppm	ppm	ppm			1:n	ppm	ppm	ppm	
1,1,1,2-Tetrafluoroethane	1	198.000	1000	< LOQ	Pass	Dimethyl sulfoxide	1	1580.000	5000	< LOQ	Pass
1,1,1-Trichloroethane	1	79.200	1500	< LOQ	Pass	Ethanol	1	79.200	5000	229.550	Pass
1,2-Dichloroethane	1	7.920	5	< LOQ	Pass	Ethyl acetate	1	79.200	5000	< LOQ	Pass
2,2-Dimethylbutane	1	15.800		< LOQ	N/A	Ethyl ether	1	79.200	5000	< LOQ	Pass
2,3-Dimethylbutane	1	15.800		< LOQ	N/A	Heptane	1	79.200	5000	< LOQ	Pass
2-Methylbutane	1	26.400		< LOQ	N/A	Hexane	1	15.800		< LOQ	N/A
2-Methylpentane	1	15.800		< LOQ	N/A	Hexanes			290	< LOQ	Pass
2-Methylpropane	1	39.600		< LOQ	N/A	Methanol	1	79.200	3000	< LOQ	Pass
2-Propanol	1	79.200	5000	< LOQ	Pass	Neopentane	1	26.400		< LOQ	N/A
3-Methylpentane	1	15.800		< LOQ	N/A	o-Xylene	1	19.800		< LOQ	N/A
Acetone	1	79.200	5000	< LOQ	Pass	p- and m-Xylene	1	39.600		< LOQ	N/A
Acetonitrile	1	79.200	410	< LOQ	Pass	Pentane	1	26.400		< LOQ	N/A
Benzene	1	0.792	2	< LOQ	Pass	Pentanes			5000	< LOQ	Pass
Butane	1	39.600		< LOQ	N/A	Propane	1	79.200	5000	< LOQ	Pass
Butanes			5000	< LOQ	Pass	Toluene	1	79.200	890	< LOQ	Pass
Chloroform	1	0.792	60	< LOQ	Pass	Total xylenes			2170	< LOQ	Pass
Dichloromethane	1	79.200	600	< LOQ	Pass	Trichloroethylene	1	79.200		< LOQ	N/A

Prepared By: tvckqh
Analysis Date: Jul 30, 2024 14:49:00 EDT

Analyzed By: tvckqh
Prep Weight: 0.1262 Grams

Reviewed By: tvckqh
Lab Batch #: NR240124

Terpenes

Testing Method: CTND-NY-SOP-T-001, CTND-NY-SOP-T-002: Terpenes by GC-MS

TESTED

Analyte	Dilution	LOQ	Limit	Results	Results	Analyte	Dilution	LOQ	Limit	Results	Results
	1:n	%		%			1:n	%		%	
α-Bisabolol	1	0.0078		< LOQ	< LOQ	Fenchol	1	0.0078		< LOQ	< LOQ
α-Humulene	1	0.0078		< LOQ	< LOQ	γ-Terpinene	1	0.0078		< LOQ	< LOQ
α-Phellandrene	1	0.0078		< LOQ	< LOQ	Geraniol	1	0.0078		< LOQ	< LOQ
α-Pinene	1	0.0078		< LOQ	< LOQ	Guaiol	1	0.0078		< LOQ	< LOQ
α-Terpinene	1	0.0078		< LOQ	< LOQ	Isopulegol	1	0.0078		< LOQ	< LOQ
β-Caryophyllene	1	0.0078		< LOQ	< LOQ	Linalool	1	0.0078		< LOQ	< LOQ
β-Myrcene	1	0.0078		< LOQ	< LOQ	p-Cymene	1	0.0078		< LOQ	< LOQ
β-Pinene	1	0.0078		< LOQ	< LOQ	Terpineol	1	0.0078		< LOQ	< LOQ
Camphene	1	0.0078		< LOQ	< LOQ	Terpinolene	1	0.0078		< LOQ	< LOQ
Caryophyllene Oxide	1	0.0078		< LOQ	< LOQ	trans-β-Farnesene	1	0.0078		< LOQ	< LOQ
cis-β-Ocimene	1	0.0022		< LOQ	< LOQ	trans-β-Ocimene	1	0.0052		< LOQ	< LOQ
d-Limonene	1	0.0078		< LOQ	< LOQ	trans-Nerolidol	1	0.0078		< LOQ	< LOQ
Δ ³ -Carene	1	0.0078		< LOQ	< LOQ	Valencene	1	0.0078		< LOQ	< LOQ
Eucalyptol	1	0.0078		< LOQ	< LOQ						

Total Terpenes < LOQ < LOQ

Prepared By: tvckqh
Analysis Date: Jul 31, 2024 13:40:00 EDT

Analyzed By: tvckqh
Prep Weight: 0.103 Grams

Reviewed By: tvckqh
Lab Batch #: NT240130



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Water Activity

Testing Method: CTND-NY-SOP-W-001: Water Activity

PASS

Analyte	Limit	Results	Status
Water Activity	0.85 Aw	0.65 Aw	Pass

Prepared By: 1g6xws

Analysis Date: Jul 31, 2024 11:10:00 EDT

Analyzed By: 1g6xws

Prep Weight: Grams

Reviewed By: 1g6xws

Lab Batch #: NW240124

Regulatory Compliance Testing



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Definitions and Equations: Total THC = THCa*0.877 + Δ8-THC + Δ9-THC + Δ10-THC, Δ10-THC = 9R-Δ10-THC + 9S-Δ10-THC, Total CBD = CBDA*0.877 + CBD, Total Cannabinoids = All analytes summed excluding the isomers 9R-Δ10-THC and 9S-Δ10-THC, LOQ = Limit of Quantification, LOD = Limit of Detection. This report, and all results within, relates only to the items tested, calibrated or sampled, and may not be reproduced without written approval from CTND. All methods and results used conform to the NYS OCM regulations and standards. For bulk flower and plant forms, phytocannabinoids are corrected for moisture content and reported on a dry weight basis. Sampling & Transportation SOP: CTND-NY-SOP-SM-001