



# CERTIFICATE OF ANALYSIS

Regulatory Compliance Testing  
Report Date: Nov 06, 2024

Overall Result



PASS

Naturae LLC

pg 1 of 6

## Blueberry Lemonade JYDG24305G

Edible Solid



### SAMPLE INFORMATION

**Sample ID:** CTNY-241031-006  
**Sample Name:** Blueberry Lemonade JYDG24305G  
**Matrix:** Cannabis Edible Product  
**Product:** Edible Solid  
**Batch No.:** JYDG24305G  
**Batch Size:** 4778 Units  
**Sample Size:** 4 Units  
**Serving Size:** 5 g  
**Package Size:** 50 g  
**Cultivar(s):** N/A  
**Date Collected:** Oct 31, 2024  
**Time Collected:** 15:29:59  
**Date Received:** Oct 31, 2024  
**Category:** Cannabis\_edible\_product  
**Compliance Type:** Adult Use  
**Received By:** Alex Eramo

### MANUFACTURER

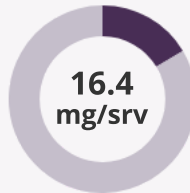
**Naturae LLC**  
**License:** OCM-PROC-24-000091  
**Address:** 4883 NY-67  
Hoosick Falls, NY 12090

### CONTACT

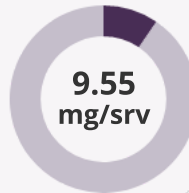
**Dennis Tario**  
**Phone:** (518) 937-7247  
**Address:** 4883 NY-67  
Hoosick Falls, NY 12090

### Cannabinoids

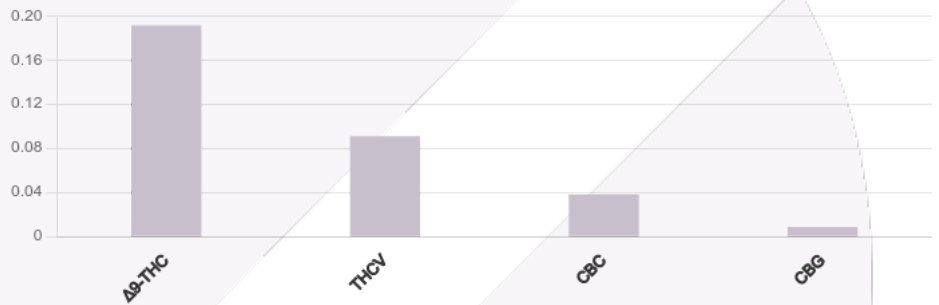
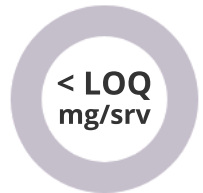
**TOTAL CANNABINOIDS**



**TOTAL THC**

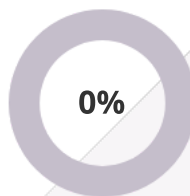


**TOTAL CBD**



### Terpenes

**TOTAL TERPENES**



**TOP 5 TERPENES**

**PROFILE**

Cannabinoids	Heavy Metals	Microbials	Mycotoxins
<b>TESTED</b>	<b>PASS</b>	<b>PASS</b>	<b>PASS</b>
Pesticides	Residual Solvents	Terpenes	Water Activity
<b>PASS</b>	<b>PASS</b>	<b>TESTED</b>	<b>PASS</b>



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Larry Clement  
Quality Assurance Officer  
Nov 06, 2024



Logan Alvarez  
Lead Technical Director  
Nov 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



# Blueberry Lemonade JYDG24305G

Regulatory Compliance Testing

Report Date: Nov 06, 2024

Sample ID: CTNY-241031-006

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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 <sup>10</sup> -THC	20	0.00722	< LOQ	< LOQ	< LOQ	< LOQ
9S-Δ <sup>10</sup> -THC	20	0.00722	< LOQ	< LOQ	< LOQ	< LOQ
CBC	20	0.00722	0.0377	0.377	18.9	1.89
CBD	20	0.00722	< LOQ	< LOQ	< LOQ	< LOQ
CBDA	20	0.00722	< LOQ	< LOQ	< LOQ	< LOQ
CBDV	20	0.00722	< LOQ	< LOQ	< LOQ	< LOQ
CBG	20	0.00722	0.00875	0.0875	4.38	0.438
<b>Total THC</b>			<b>0.191</b>	<b>1.91</b>	<b>95.5</b>	<b>9.55</b>
<b>Total CBD</b>			<b>&lt; LOQ</b>	<b>&lt; LOQ</b>	<b>&lt; LOQ</b>	<b>&lt; LOQ</b>

Analyte	Dilution	LOQ	Results	Results	Results	Results
	1:n	%	%	mg/g	mg/pkg	mg/srv
CBGA	20	0.00722	< LOQ	< LOQ	< LOQ	< LOQ
CBN	20	0.00722	< LOQ	< LOQ	< LOQ	< LOQ
Δ <sup>8</sup> -THC	20	0.00722	< LOQ	< LOQ	< LOQ	< LOQ
Δ <sup>9</sup> -THC	20	0.00722	0.191	1.91	95.5	9.55
Δ <sup>10</sup> -THC			< LOQ	< LOQ	< LOQ	< LOQ
THCA	20	0.00722	< LOQ	< LOQ	< LOQ	< LOQ
THCV	20	0.00722	0.0909	0.909	45.5	4.55
<b>Total THC</b>			<b>0.191</b>	<b>1.91</b>	<b>95.5</b>	<b>9.55</b>
<b>Total CBD</b>			<b>&lt; LOQ</b>	<b>&lt; LOQ</b>	<b>&lt; LOQ</b>	<b>&lt; LOQ</b>

Prepared By: 38fef6  
Analysis Date: Nov 01, 2024 16:30:00 EDT

Analyzed By: 38fef6  
Prep Weight: 1.3852 Grams

Reviewed By: 38fef6  
Lab Batch #: NP240232

## 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	µg/g	µg/g	µg/g	
Antimony	2	0.078	120	< LOQ	Pass
Arsenic	2	0.078	1.5	< LOQ	Pass
Cadmium	2	0.078	0.5	< LOQ	Pass
Chromium	2	0.388	1100	< LOQ	Pass

Analyte	Dilution	LOQ	Limit	Results	Status
	1:n	µg/g	µg/g	µg/g	
Copper	2	0.388	300	< LOQ	Pass
Lead	2	0.078	0.5	< LOQ	Pass
Mercury	2	0.078	3	< LOQ	Pass
Nickel	2	0.388	20	< LOQ	Pass

Prepared By: tvckqh  
Analysis Date: Nov 01, 2024 11:57:00 EDT

Analyzed By: tvckqh  
Prep Weight: 0.516 Grams

Reviewed By: 38fef6  
Lab Batch #: NM240156



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Larry Clement  
Quality Assurance Officer  
Nov 06, 2024



Logan Alvarez  
Lead Technical Director  
Nov 06, 2024



# Blueberry Lemonade

## JYDG24305G

### Microbials

PASS

Analyte	LOQ	Limit	Results	Status	Testing & Prep Method:
Yeast & Mold	CFU/g 100	CFU/g 1000	CFU/g < LOQ	Pass	Micro: Total Yeast & Mold by Biomerieux Tempo Prepared By: k4gdmc Reviewed By: k4gdmc Analysis Date: Nov 04, 2024 16:30:00 EST Lab Batch #: NB240087 Analyzed By: k4gdmc
Aspergillus flavus	1.00	Absent in any amt	Absent	Pass	Micro: Aspergillus by Biomerieux Gene-Up Prepared By: k4gdmc Reviewed By: k4gdmc Analysis Date: Nov 05, 2024 17:00:00 EST Lab Batch #: NB240088 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	
Salmonella spp.	1.00	Absent in any amt	Absent	Pass	Micro: Salmonella by Biomerieux Gene-Up Prepared By: k4gdmc Reviewed By: k4gdmc Analysis Date: Nov 05, 2024 17:00:00 EST Lab Batch #: NB240088 Analyzed By: k4gdmc
Shiga toxin-producing E. coli	1.00	Absent in any amt	Absent	Pass	Micro: Shiga Toxin-producing E. Coli by Biomerieux Gene-Up Prepared By: k4gdmc Reviewed By: k4gdmc Analysis Date: Nov 05, 2024 17:00:00 EST Lab Batch #: NB240088 Analyzed By: k4gdmc
Aerobic Bacteria	100	10000	< LOQ	Pass	Micro: Total Viable Aerobic Bacteria by Biomerieux Tempo Prepared By: k4gdmc Reviewed By: k4gdmc Analysis Date: Nov 05, 2024 15:15:00 EST Lab Batch #: NB240088 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
Aflatoxin B1	1:n	µg/g	µg/g	µg/g	N/A	Aflatoxin G2	1	0.0102	µg/g	< LOQ	N/A
Aflatoxin B2	1	0.0102		< LOQ	N/A	Ochratoxin A	1	0.0102	0.02	< LOQ	Pass
Aflatoxin G1	1	0.0102		< LOQ	N/A	Aflatoxins			0.02	< LOQ	Pass
Aflatoxins			0.02	< LOQ	Pass						

Prepared By: k4gdmc  
Analysis Date: Nov 04, 2024 17:00:00 EST  
Analyzed By: k4gdmc  
Prep Weight: 0.9803 Grams  
Reviewed By: k4gdmc  
Lab Batch #: NPM240143



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Larry Clement  
Quality Assurance Officer  
Nov 06, 2024



Logan Alvarez  
Lead Technical Director  
Nov 06, 2024



# Blueberry Lemonade JYDG24305G

## 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	0.102	0.5	< LOQ	Pass	Kresoxim-methyl	1	0.102	0.4	< LOQ	Pass
Acephate	1	0.102	0.4	< LOQ	Pass	Malathion	1	0.102	0.2	< LOQ	Pass
Acequinocyl	1	0.102	2	< LOQ	Pass	Metaxyl	1	0.102	0.2	< LOQ	Pass
Acetamiprid	1	0.102	0.2	< LOQ	Pass	Methiocarb	1	0.102	0.2	< LOQ	Pass
Aldicarb	1	0.102	0.4	< LOQ	Pass	Methomyl	1	0.102	0.4	< LOQ	Pass
Azadirachtin	1	0.102	1	< LOQ	Pass	Methyl parathion	1	0.102	0.2	< LOQ	Pass
Azoxystrobin	1	0.102	0.2	< LOQ	Pass	Mevinphos	1	0.102	1	< LOQ	Pass
Bifenazate	1	0.102	0.2	< LOQ	Pass	MGK-264			0.2	< LOQ	Pass
Bifenthrin	1	0.102	0.2	< LOQ	Pass	MGK-264 I	1	0.0336		< LOQ	N/A
Boscalid	1	0.102	0.4	< LOQ	Pass	MGK-264 II	1	0.0659		< LOQ	N/A
Captan	1	0.102	1	< LOQ	Pass	Myclobutanil	1	0.102	0.2	< LOQ	Pass
Carbaryl	1	0.102	0.2	< LOQ	Pass	Naled	1	0.102	0.5	< LOQ	Pass
Carbofuran	1	0.102	0.2	< LOQ	Pass	Oxamyl	1	0.102	1	< LOQ	Pass
Chlorantraniliprole	1	0.102	0.2	< LOQ	Pass	Paclobutrazol	1	0.102	0.4	< LOQ	Pass
Chlordane	1	0.408	1	< LOQ	Pass	Pentachloronitrobenzene	1	0.102	1	< LOQ	Pass
Chlorfenapyr	1	0.102	1	< LOQ	Pass	Permethrin			0.2	< LOQ	Pass
Chloromequat chloride	1	0.102	1	< LOQ	Pass	Permethrin cis	1	0.0469		< LOQ	N/A
Chlorpyrifos	1	0.102	0.2	< LOQ	Pass	Permethrin trans	1	0.0551		< LOQ	N/A
Clofentezine	1	0.102	0.2	< LOQ	Pass	Phosmet	1	0.102	0.2	< LOQ	Pass
Coumaphos	1	0.102	1	< LOQ	Pass	Piperonylbutoxide	1	0.102	2	< LOQ	Pass
Cyfluthrin	1	0.102	1	< LOQ	Pass	Prallethrin	1	0.102	0.2	< LOQ	Pass
Cypermethrin	1	0.102	1	< LOQ	Pass	Propiconazole	1	0.102	0.4	< LOQ	Pass
Daminozide	1	0.102	1	< LOQ	Pass	Propoxur	1	0.102	0.2	< LOQ	Pass
Diazinon	1	0.102	0.2	< LOQ	Pass	Pyrethrins			1	< LOQ	Pass
Dichlorvos	1	0.102	1	< LOQ	Pass	Pyrethrins Cinerin I	1	0.00551		< LOQ	N/A
Dimethoate	1	0.102	0.2	< LOQ	Pass	Pyrethrins Jasmolin I	1	0.00386		< LOQ	N/A
Dimethomorph	1	0.102	1	< LOQ	Pass	Pyrethrins Pyrethrin I	1	0.0543		< LOQ	N/A
Ethoprophos	1	0.102	0.2	< LOQ	Pass	Pyridaben	1	0.102	0.2	< LOQ	Pass
Etofenprox	1	0.102	0.4	< LOQ	Pass	Spinetoram	1	0.102	1	< LOQ	Pass
Etoxazole	1	0.102	0.2	< LOQ	Pass	Spinosad			0.2	< LOQ	Pass
Fenhexamid	1	0.102	1	< LOQ	Pass	Spinosad A	1	0.0822		< LOQ	N/A
Fenoxycarb	1	0.102	0.2	< LOQ	Pass	Spinosad D	1	0.0177		< LOQ	N/A
Fenpyroximate	1	0.102	0.4	< LOQ	Pass	Spiromesifen	1	0.102	0.2	< LOQ	Pass
Fipronil	1	0.102	0.4	< LOQ	Pass	Spirotetramat	1	0.102	0.2	< LOQ	Pass
Flonicamid	1	0.102	1	< LOQ	Pass	Spiroxamine	1	0.102	0.2	< LOQ	Pass
Fludioxonil	1	0.102	0.4	< LOQ	Pass	Tebuconazole	1	0.102	0.4	< LOQ	Pass
Hexythiazox	1	0.102	1	< LOQ	Pass	Thiacloprid	1	0.102	0.2	< LOQ	Pass
Imazalil	1	0.102	0.2	< LOQ	Pass	Thiamethoxam	1	0.102	0.2	< LOQ	Pass
Imidacloprid	1	0.102	0.4	< LOQ	Pass	Trifloxystrobin	1	0.102	0.2	< LOQ	Pass
Indole-3-butyric acid	1	0.102	1	< LOQ	Pass						

Prepared By: k4gdmc  
Analysis Date: Nov 04, 2024 11:00:00 EST, Nov 04, 2024  
17:00:00 EST

Analyzed By: k4gdmc  
Prep Weight: 0.9803 Grams

Reviewed By: k4gdmc  
Lab Batch #: NPM240143



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Quality Assurance Officer  
Nov 06, 2024



Logan Alvarez  
Lead Technical Director  
Nov 06, 2024



# Blueberry Lemonade JYDG24305G

### Residual Solvents

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

**PASS**

Analyte	Dilution	LOQ	Limit	Results	Status
	1:n	ppm	ppm	ppm	
1,1,1,2-Tetrafluoroethane	1	195.000	1000	< LOQ	Pass
1,1,1-Trichloroethane	1	78.200	1500	< LOQ	Pass
1,2-Dichloroethane	1	7.820	5	< LOQ	Pass
2,2-Dimethylbutane	1	15.600		< LOQ	N/A
2,3-Dimethylbutane	1	15.600		< LOQ	N/A
2-Methylbutane	1	26.100		< LOQ	N/A
2-Methylpentane	1	15.600		< LOQ	N/A
2-Methylpropane	1	39.100		< LOQ	N/A
2-Propanol	1	78.200	5000	< LOQ	Pass
3-Methylpentane	1	15.600		< LOQ	N/A
Acetone	1	78.200	5000	< LOQ	Pass
Acetonitrile	1	78.200	410	< LOQ	Pass
Benzene	1	0.782	2	< LOQ	Pass
Butane	1	39.100		< LOQ	N/A
Butanes			5000	< LOQ	Pass
Chloroform	1	0.782	60	< LOQ	Pass
Dichloromethane	1	78.200	600	< LOQ	Pass

Analyte	Dilution	LOQ	Limit	Results	Status
	1:n	ppm	ppm	ppm	
Dimethyl sulfoxide	1	1560.000	5000	< LOQ	Pass
Ethanol	1	78.200	5000	183.710	Pass
Ethyl acetate	1	78.200	5000	< LOQ	Pass
Ethyl ether	1	78.200	5000	< LOQ	Pass
Heptane	1	78.200	5000	< LOQ	Pass
Hexane	1	15.600		< LOQ	N/A
Hexanes			290	< LOQ	Pass
Methanol	1	78.200	3000	< LOQ	Pass
Neopentane	1	26.100		< LOQ	N/A
o-Xylene	1	19.500		< LOQ	N/A
p- and m-Xylene	1	39.100		< LOQ	N/A
Pentane	1	26.100		< LOQ	N/A
Pentanes			5000	< LOQ	Pass
Propane	1	78.200	5000	< LOQ	Pass
Toluene	1	78.200	890	< LOQ	Pass
Total xylenes			2170	< LOQ	Pass
Trichloroethylene	1	78.200		< LOQ	N/A

Prepared By: 38fef6  
Analysis Date: Nov 01, 2024 09:36:00 EDT

Analyzed By: tvckqh  
Prep Weight: 0.1279 Grams

Reviewed By: 38fef6  
Lab Batch #: NR240146

### Terpenes

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

**TESTED**

Analyte	Dilution	LOQ	Limit	Results	Results
	1:n	%		%	
α-Bisabolol	1	0.0078		< LOQ	< LOQ
α-Humulene	1	0.0078		< LOQ	< LOQ
α-Phellandrene	1	0.0078		< LOQ	< LOQ
α-Pinene	1	0.0078		< LOQ	< LOQ
α-Terpinene	1	0.0078		< LOQ	< LOQ
β-Caryophyllene	1	0.0078		< LOQ	< LOQ
β-Myrcene	1	0.0078		< LOQ	< LOQ
β-Pinene	1	0.0078		< LOQ	< LOQ
Camphene	1	0.0078		< LOQ	< LOQ
Caryophyllene Oxide	1	0.0078		< LOQ	< LOQ
cis-β-Ocimene	1	0.0022		< LOQ	< LOQ
d-Limonene	1	0.0078		< LOQ	< LOQ
Δ <sup>3</sup> -Carene	1	0.0078		< LOQ	< LOQ
Eucalyptol	1	0.0078		< LOQ	< LOQ

Analyte	Dilution	LOQ	Limit	Results	Results
	1:n	%		%	
Fenchol	1	0.0078		< LOQ	< LOQ
γ-Terpinene	1	0.0078		< LOQ	< LOQ
Geraniol	1	0.0078		< LOQ	< LOQ
Guaiol	1	0.0078		< LOQ	< LOQ
Isopulegol	1	0.0078		< LOQ	< LOQ
Linalool	1	0.0078		< LOQ	< LOQ
p-Cymene	1	0.0078		< LOQ	< LOQ
Terpineol	1	0.0078		< LOQ	< LOQ
Terpinolene	1	0.0078		< LOQ	< LOQ
trans-β-Farnesene	1	0.0078		< LOQ	< LOQ
trans-β-Ocimene	1	0.0052		< LOQ	< LOQ
trans-Nerolidol	1	0.0078		< LOQ	< LOQ
Valencene	1	0.0078		< LOQ	< LOQ
<b>Total Terpenes</b>				<b>&lt; LOQ</b>	<b>&lt; LOQ</b>

Prepared By: tvckqh  
Analysis Date: Nov 01, 2024 12:55:00 EDT

Analyzed By: tvckqh  
Prep Weight: 0.1032 Grams

Reviewed By: 38fef6  
Lab Batch #: NT240163



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# Blueberry Lemonade JYDG24305G

Regulatory Compliance Testing

Report Date: Nov 06, 2024

Sample ID: CTNY-241031-006

pg 6 of 6

## 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: 38fef6  
Analysis Date: Nov 01, 2024 09:49:00 EDT

Analyzed By: 38fef6  
Prep Weight: Grams

Reviewed By: 38fef6  
Lab Batch #: NW240139

Regulatory Compliance Testing



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