



# CERTIFICATE OF ANALYSIS

Regulatory Compliance Testing  
Report Date: Aug 06, 2024

Overall Result



PASS

Naturae LLC

pg 1 of 6

## Sour Watermelon

Edible Solid



### SAMPLE INFORMATION

**Sample ID:** CTNY-240730-004  
**Sample Name:** Sour Watermelon  
**Matrix:** Cannabis Edible Product  
**Product:** Edible Solid  
**Batch No.:** JYDG24212E2  
**Batch Size:** 4225 Units  
**Sample Size:** 20 Units  
**Serving Size:** 5 g  
**Package Size:** 10 g  
**Cultivar(s):** N/A  
**Date Collected:** Jul 30, 2024  
**Time Collected:** 12:24:25  
**Date Received:** Jul 30, 2024  
**Category:** Cannabis\_edible\_product  
**Compliance Type:** Adult Use  
**Received By:** Logan Emerson Alvarez

### MANUFACTURER

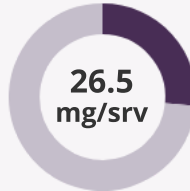
**Naturae LLC**  
**License:** OCM-AUCP-22-000028  
**Address:** 4883 NY-67  
Hoosick Falls, NY 12090

### CONTACT

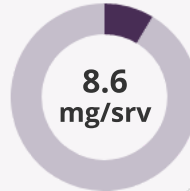
**Dennis Tario**  
**Phone:** (518) 937-7247  
**Address:** 4883 NY-67  
Hoosick Falls, NY 12090

### Cannabinoids

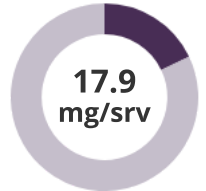
**TOTAL CANNABINOIDS**



**TOTAL THC**

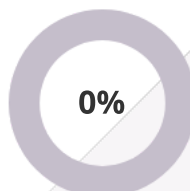


**TOTAL CBD**



### 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  
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



# Sour Watermelon

### 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	0.00756	< LOQ	< LOQ	< LOQ	< LOQ
9S-Δ <sup>10</sup> -THC	20	0.00756	< LOQ	< LOQ	< LOQ	< LOQ
CBC	20	0.00756	< LOQ	< LOQ	< LOQ	< LOQ
CBD	20	0.00756	0.358	3.58	35.8	17.9
CBDA	20	0.00756	< LOQ	< LOQ	< LOQ	< LOQ
CBDV	20	0.00756	< LOQ	< LOQ	< LOQ	< LOQ
CBG	20	0.00756	< LOQ	< LOQ	< LOQ	< LOQ
<b>Total THC</b>			<b>0.172</b>	<b>1.72</b>	<b>17.2</b>	<b>8.60</b>
<b>Total CBD</b>			<b>0.358</b>	<b>3.58</b>	<b>35.8</b>	<b>17.9</b>

Analyte	Dilution	LOQ	Results	Results	Results	Results
	1:n	%	%	mg/g	mg/pkg	mg/srv
CBGA	20	0.00756	< LOQ	< LOQ	< LOQ	< LOQ
CBN	20	0.00756	< LOQ	< LOQ	< LOQ	< LOQ
Δ <sup>8</sup> -THC	20	0.00756	< LOQ	< LOQ	< LOQ	< LOQ
Δ <sup>9</sup> -THC	20	0.00756	0.172	1.72	17.2	8.60
Δ <sup>10</sup> -THC			< LOQ	< LOQ	< LOQ	< LOQ
THCA	20	0.00756	< LOQ	< LOQ	< LOQ	< LOQ
THCV	20	0.00756	< LOQ	< LOQ	< LOQ	< LOQ
<b>Total THC</b>			<b>0.172</b>	<b>1.72</b>	<b>17.2</b>	<b>8.60</b>
<b>Total CBD</b>			<b>0.358</b>	<b>3.58</b>	<b>35.8</b>	<b>17.9</b>

Prepared By: 38fef6  
Analysis Date: Aug 02, 2024 10:58:00 EDT

Analyzed By: 38fef6  
Prep Weight: 1.3225 Grams

Reviewed By: 38fef6  
Lab Batch #: NP240170

### 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	0.081	120	< LOQ	Pass
Arsenic	2	0.081	1.5	< LOQ	Pass
Cadmium	2	0.081	0.5	< LOQ	Pass
Chromium	2	0.163	1100	< LOQ	Pass

Analyte	Dilution	LOQ	Limit	Results	Status
	1:n	µg/g	µg/g	µg/g	
Copper	2	0.163	300	< LOQ	Pass
Lead	2	0.081	0.5	< LOQ	Pass
Mercury	2	0.081	3	< LOQ	Pass
Nickel	2	0.163	20	< LOQ	Pass

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

Analyzed By: tvckqh  
Prep Weight: 0.4922 Grams

Reviewed By: tvckqh  
Lab Batch #: NM240134



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Technical Lab Director  
Aug 06, 2024



Lovelie Metzgar  
Quality Manager  
Aug 06, 2024



# Sour Watermelon

## Microbials

PASS

Analyte	LOQ	Limit	Results	Status	Testing & Prep Method:
Aerobic Bacteria	CFU/g 100	CFU/g 10000	CFU/g < LOQ	Pass	Micro: Total Viable Aerobic Bacteria by Biomerieux Tempo Prepared By: k4gdmc Analysis Date: Jul 31, 2024 12:00:00 EDT Reviewed By: k4gdmc Lab Batch #: NB240057 Analyzed By: k4gdmc
Yeast & Mold	CFU/g 100	CFU/g 1000	CFU/g < LOQ	Pass	Micro: Total Yeast & Mold by Biomerieux Tempo Prepared By: k4gdmc Analysis Date: Aug 02, 2024 15:50:00 EDT Reviewed By: k4gdmc Lab Batch #: NB240057 Analyzed By: k4gdmc
Aspergillus flavus	CFU/g 1.00	CFU/g Absent in any amt	CFU/g Absent	Pass	Micro: Aspergillus by Biomerieux Gene-Up 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	
Shiga toxin-producing E. coli	CFU/g 1.00	CFU/g Absent in any amt	CFU/g Absent	Pass	Micro: Shiga Toxin-producing E. Coli by Biomerieux Gene-Up Prepared By: k4gdmc Analysis Date: Aug 02, 2024 16:00:00 EDT Reviewed By: k4gdmc Lab Batch #: NB240057 Analyzed By: k4gdmc
Salmonella spp.	CFU/g 1.00	CFU/g Absent in any amt	CFU/g Absent	Pass	Micro: Salmonella by Biomerieux Gene-Up 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						
Aflatoxin B1	1:n	µg/g 0.0106	µg/g	µg/g < LOQ	N/A	Aflatoxin G2	1	0.0106	µg/g	µg/g < LOQ	N/A						
Aflatoxin B2	1	0.0106		< LOQ	N/A	Ochratoxin A	1	0.0106	0.02	< LOQ	Pass						
Aflatoxin G1	1	0.0106		< LOQ	N/A	Aflatoxins			0.02	< LOQ	Pass						
Prepared By: k4gdmc Analysis Date: Jul 31, 2024 13:30:00 EDT						Analyzed By: k4gdmc Prep Weight: 0.9478 Grams						Reviewed By: k4gdmc Lab Batch #: NPM240127					



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 Technical Lab Director  
 Aug 06, 2024



Lovelie Metzgar  
 Quality Manager  
 Aug 06, 2024



# Sour Watermelon

## 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	0.106	0.5	< LOQ	Pass	Malathion	1	0.106	0.2	< LOQ	Pass
Acephate	1	0.106	0.4	< LOQ	Pass	Metalaxyl	1	0.106	0.2	< LOQ	Pass
Acequinocyl	1	0.106	2	< LOQ	Pass	Methiocarb	1	0.106	0.2	< LOQ	Pass
Acetamiprid	1	0.106	0.2	< LOQ	Pass	Methomyl	1	0.106	0.4	< LOQ	Pass
Aldicarb	1	0.106	0.4	< LOQ	Pass	Methyl parathion	1	0.106	0.2	< LOQ	Pass
Azadirachtin	1	0.106	1	< LOQ	Pass	Mevinphos	1	0.106	1	< LOQ	Pass
Azoxystrobin	1	0.106	0.2	< LOQ	Pass	MGK-264			0.2	< LOQ	Pass
Bifenazate	1	0.106	0.2	< LOQ	Pass	MGK-264 I	1	0.0347		< LOQ	N/A
Bifenthrin	1	0.106	0.2	< LOQ	Pass	MGK-264 II	1	0.0682		< LOQ	N/A
Boscalid	1	0.106	0.4	< LOQ	Pass	Myclobutanil	1	0.106	0.2	< LOQ	Pass
Captan	1	0.106	1	< LOQ	Pass	Naled	1	0.106	0.5	< LOQ	Pass
Carbaryl	1	0.106	0.2	< LOQ	Pass	Oxamyl	1	0.106	1	< LOQ	Pass
Carbofuran	1	0.106	0.2	< LOQ	Pass	Paclobutrazol	1	0.106	0.4	< LOQ	Pass
Chlorantranil- iprole	1	0.106	0.2	< LOQ	Pass	Pentachloroni- trobenezene	1	0.106	1	< LOQ	Pass
Chlordane	1	0.422	1	< LOQ	Pass	Permethrin			0.2	< LOQ	Pass
Chlorfenapyr	1	0.106	1	< LOQ	Pass	Permethrin cis	1	0.0485		< LOQ	N/A
Chlormequat chloride	1	0.106	1	< LOQ	Pass	Permethrin trans	1	0.0570		< LOQ	N/A
Chlorpyrifos	1	0.106	0.2	< LOQ	Pass	Phosmet	1	0.106	0.2	< LOQ	Pass
Clofentezine	1	0.106	0.2	< LOQ	Pass	Piperonylbuto- xide	1	0.106	2	< LOQ	Pass
Coumaphos	1	0.106	1	< LOQ	Pass	Prallethrin	1	0.106	0.2	< LOQ	Pass
Cyfluthrin	1	0.106	1	< LOQ	Pass	Propiconazole	1	0.106	0.4	< LOQ	Pass
Cypermethrin	1	0.106	1	< LOQ	Pass	Propoxur	1	0.106	0.2	< LOQ	Pass
Daminozide	1	0.106	1	< LOQ	Pass	Pyrethrins			1	< LOQ	Pass
Diazinon	1	0.106	0.2	< LOQ	Pass	Pyrethrins Cinerin I	1	0.00570		< LOQ	N/A
Dichlorvos	1	0.106	1	< LOQ	Pass	Pyrethrins Cinerin II	1	0.00380		< LOQ	N/A
Dimethoate	1	0.106	0.2	< LOQ	Pass	Pyrethrins Jasmolin I	1	0.00399		< LOQ	N/A
Dimethomorph	1	0.106	1	< LOQ	Pass	Pyrethrins Jasmolin II	1	0.00266		< LOQ	N/A
Ethoprophos	1	0.106	0.2	< LOQ	Pass	Pyrethrins Pyrethrin I	1	0.0561		< LOQ	N/A
Etofenprox	1	0.106	0.4	< LOQ	Pass	Pyrethrins Pyrethrin II	1	0.0278		< LOQ	N/A
Etoxazole	1	0.106	0.2	< LOQ	Pass	Pyridaben	1	0.106	0.2	< LOQ	Pass
Fenhexamid	1	0.106	1	< LOQ	Pass	Spinetoram	1	0.106	1	< LOQ	Pass
Fenoxycarb	1	0.106	0.2	< LOQ	Pass	Spinosad			0.2	< LOQ	Pass
Fenpyroximate	1	0.106	0.4	< LOQ	Pass	Spinosad A	1	0.0850		< LOQ	N/A
Fipronil	1	0.106	0.4	< LOQ	Pass	Spinosad D	1	0.0184		< LOQ	N/A
Flonicamid	1	0.106	1	< LOQ	Pass	Spiromesifen	1	0.106	0.2	< LOQ	Pass
Fludioxonil	1	0.106	0.4	< LOQ	Pass	Spirotetramat	1	0.106	0.2	< LOQ	Pass
Hexythiazox	1	0.106	1	< LOQ	Pass	Spiroxamine	1	0.106	0.2	< LOQ	Pass
Imazalil	1	0.106	0.2	< LOQ	Pass	Tebuconazole	1	0.106	0.4	< LOQ	Pass
Imidacloprid	1	0.106	0.4	< LOQ	Pass	Thiacloprid	1	0.106	0.2	< LOQ	Pass
Indole-3-butyric acid	1	0.106	1	< LOQ	Pass	Thiamethoxam	1	0.106	0.2	< LOQ	Pass
Kresoxim- methyl	1	0.106	0.4	< LOQ	Pass	Trifloxystrob- in	1	0.106	0.2	< LOQ	Pass

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

Analyzed By: k4gdmc  
Prep Weight: 0.9478 Grams

Reviewed By: k4gdmc  
Lab Batch #: NPM240127



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Technical Lab Director  
Aug 06, 2024



Lovelie Metzgar  
Quality Manager  
Aug 06, 2024



# Sour Watermelon

## 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
	1:n	ppm	ppm	ppm	
1,1,1,2-Tetrafluoroethane	1	198.000	1000	< LOQ	Pass
1,1,1-Trichloroethane	1	79.200	1500	< LOQ	Pass
1,2-Dichloroethane	1	7.920	5	< LOQ	Pass
2,2-Dimethylbutane	1	15.800		< LOQ	N/A
2,3-Dimethylbutane	1	15.800		< LOQ	N/A
2-Methylbutane	1	26.400		< LOQ	N/A
2-Methylpentane	1	15.800		< LOQ	N/A
2-Methylpropane	1	39.600		< LOQ	N/A
2-Propanol	1	79.200	5000	< LOQ	Pass
3-Methylpentane	1	15.800		< LOQ	N/A
Acetone	1	79.200	5000	< LOQ	Pass
Acetonitrile	1	79.200	410	< LOQ	Pass
Benzene	1	0.792	2	< LOQ	Pass
Butane	1	39.600		< LOQ	N/A
Butanes			5000	< LOQ	Pass
Chloroform	1	0.792	60	< LOQ	Pass
Dichloromethane	1	79.200	600	< LOQ	Pass

Analyte	Dilution	LOQ	Limit	Results	Status
	1:n	ppm	ppm	ppm	
Dimethyl sulfoxide	1	1580.000	5000	< LOQ	Pass
Ethanol	1	79.200	5000	< LOQ	Pass
Ethyl acetate	1	79.200	5000	< LOQ	Pass
Ethyl ether	1	79.200	5000	< LOQ	Pass
Heptane	1	79.200	5000	< LOQ	Pass
Hexane	1	15.800		< LOQ	N/A
Hexanes			290	< LOQ	Pass
Methanol	1	79.200	3000	< LOQ	Pass
Neopentane	1	26.400		< LOQ	N/A
o-Xylene	1	19.800		< LOQ	N/A
p- and m-Xylene	1	39.600		< LOQ	N/A
Pentane	1	26.400		< LOQ	N/A
Pentanes			5000	< LOQ	Pass
Propane	1	79.200	5000	< LOQ	Pass
Toluene	1	79.200	890	< LOQ	Pass
Total xylenes			2170	< 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
	1:n	%		%	
α-Bisabolol	1	0.0076		< LOQ	< LOQ
α-Humulene	1	0.0076		< LOQ	< LOQ
α-Phellandrene	1	0.0076		< LOQ	< LOQ
α-Pinene	1	0.0076		< LOQ	< LOQ
α-Terpinene	1	0.0076		< LOQ	< LOQ
β-Caryophyllene	1	0.0076		< LOQ	< LOQ
β-Myrcene	1	0.0076		< LOQ	< LOQ
β-Pinene	1	0.0076		< LOQ	< LOQ
Camphene	1	0.0076		< LOQ	< LOQ
Caryophyllene Oxide	1	0.0076		< LOQ	< LOQ
cis-β-Ocimene	1	0.0021		< LOQ	< LOQ
d-Limonene	1	0.0076		< LOQ	< LOQ
Δ <sup>3</sup> -Carene	1	0.0076		< LOQ	< LOQ
Eucalyptol	1	0.0076		< LOQ	< LOQ

Analyte	Dilution	LOQ	Limit	Results	Results
	1:n	%		%	
Fenchol	1	0.0076		< LOQ	< LOQ
γ-Terpinene	1	0.0076		< LOQ	< LOQ
Geraniol	1	0.0076		< LOQ	< LOQ
Guaiol	1	0.0076		< LOQ	< LOQ
Isopulegol	1	0.0076		< LOQ	< LOQ
Linalool	1	0.0076		< LOQ	< LOQ
p-Cymene	1	0.0076		< LOQ	< LOQ
Terpineol	1	0.0076		< LOQ	< LOQ
Terpinolene	1	0.0076		< LOQ	< LOQ
trans-β-Farnesene	1	0.0076		< LOQ	< LOQ
trans-β-Ocimene	1	0.0051		< LOQ	< LOQ
trans-Nerolidol	1	0.0076		< LOQ	< LOQ
Valencene	1	0.0076		< LOQ	< LOQ
<b>Total Terpenes</b>				<b>&lt; LOQ</b>	<b>&lt; LOQ</b>

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

Analyzed By: tvckqh  
Prep Weight: 0.105 Grams

Reviewed By: tvckqh  
Lab Batch #: NT240130



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Quality Manager  
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# Sour Watermelon

## Water Activity

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

**PASS**

Analyte	Limit	Results	Status
Water Activity	0.85 Aw	0.71 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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