



CERTIFICATE OF ANALYSIS

Regulatory Compliance Testing
Report Date: Nov 06, 2024

Overall Result



PASS

Naturae LLC

pg 1 of 6

Mango Sunrise JYDG24305F

Edible Solid



SAMPLE INFORMATION

Sample ID: CTNY-241031-008
Sample Name: Mango Sunrise JYDG24305F
Matrix: Cannabis Edible Product
Product: Edible Solid
Batch No.: JYDG24305F
Batch Size: 4877 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

CULTIVATOR

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

MANUFACTURER

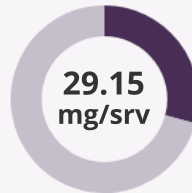
Naturae LLC
License: OCM-PROC-24-000091
Address: 4883 NY-67
Hoosick Falls, NY 12090

CONTACT

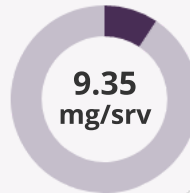
Dennis Tario
Phone: (518) 937-7247
Address: 4883 NY-67
Hoosick Falls, NY 12090

Cannabinoids

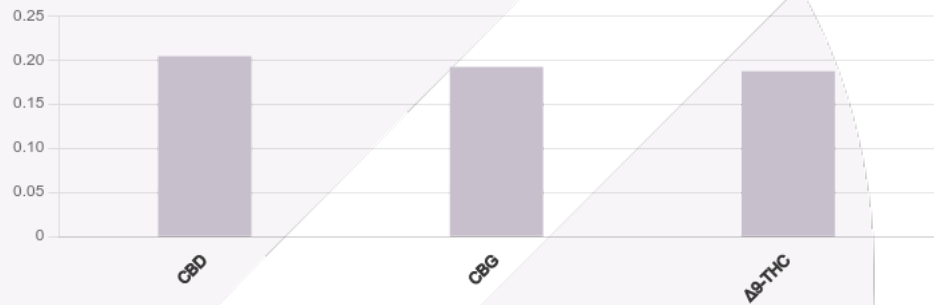
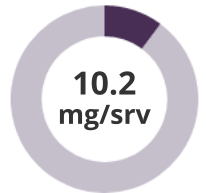
TOTAL CANNABINOIDS



TOTAL THC

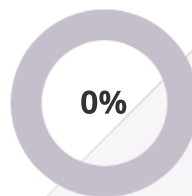


TOTAL CBD



Terpenes

TOTAL TERPENES



TOP 5 TERPENES

PROFILE

Cannabinoids	Heavy Metals	Microbials	Mycotoxins
TESTED	PASS	PASS	PASS
Pesticides	Residual Solvents	Terpenes	Water Activity
PASS	PASS	TESTED	PASS



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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



Mango Sunrise JYDG24305F

Regulatory Compliance Testing

Report Date: Nov 06, 2024

Sample ID: CTNY-241031-008

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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^10 -THC	20	0.00719	< LOQ	< LOQ	< LOQ	< LOQ
9S- Δ^10 -THC	20	0.00719	< LOQ	< LOQ	< LOQ	< LOQ
CBC	20	0.00719	< LOQ	< LOQ	< LOQ	< LOQ
CBD	20	0.00719	0.204	2.04	102	10.2
CBDA	20	0.00719	< LOQ	< LOQ	< LOQ	< LOQ
CBDV	20	0.00719	< LOQ	< LOQ	< LOQ	< LOQ
CBG	20	0.00719	0.192	1.92	96.0	9.60
Total THC			0.187	1.87	93.5	9.35
Total CBD			0.204	2.04	102	10.2

Analyte	Dilution	LOQ	Results	Results	Results	Results
	1:n	%	%	mg/g	mg/pkg	mg/srv
CBGA	20	0.00719	< LOQ	< LOQ	< LOQ	< LOQ
CBN	20	0.00719	< LOQ	< LOQ	< LOQ	< LOQ
Δ^8 -THC	20	0.00719	< LOQ	< LOQ	< LOQ	< LOQ
Δ^9 -THC	20	0.00719	0.187	1.87	93.5	9.35
Δ^10 -THC			< LOQ	< LOQ	< LOQ	< LOQ
THCA	20	0.00719	< LOQ	< LOQ	< LOQ	< LOQ
THCV	20	0.00719	< LOQ	< LOQ	< LOQ	< LOQ
Total THC			0.187	1.87	93.5	9.35
Total CBD			0.204	2.04	102	10.2

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

Analyzed By: 38fef6
Prep Weight: 1.3909 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	$\mu\text{g/g}$	$\mu\text{g/g}$	$\mu\text{g/g}$	
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	0.377	1100	< LOQ	Pass

Analyte	Dilution	LOQ	Limit	Results	Status
	1:n	$\mu\text{g/g}$	$\mu\text{g/g}$	$\mu\text{g/g}$	
Copper	2	0.377	300	< LOQ	Pass
Lead	2	0.075	0.5	< LOQ	Pass
Mercury	2	0.075	3	< LOQ	Pass
Nickel	2	0.377	20	< LOQ	Pass


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


Analyzed By: tvckqh
Prep Weight: 0.5309 Grams

Reviewed By: 38fef6
Lab Batch #: NM240156



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Definitions and Equations: Total THC = THCa*0.877 + Δ^8 -THC + Δ^9 -THC + Δ^10 -THC, Δ^10 -THC = 9R- Δ^10 -THC + 9S- Δ^10 -THC, Total CBD = CBDA*0.877 + 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



Mango Sunrise JYDG24305F

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 Analysis Date: Nov 04, 2024 16:30:00 EST
					Reviewed By: k4gdmc Lab Batch #: NB240087
					Analyzed By: k4gdmc

Analyte	LOQ	Limit	Results	Status	Testing & Prep Method:
Aspergillus flavus	CFU/g 1.00	CFU/g Absent in any amt	CFU/g Absent	Pass	Micro: Aspergillus by Biomerieux Gene-Up
Aspergillus fumigatus	1.00	Absent in any amt	Absent	Pass	Prepared By: k4gdmc Analysis Date: Nov 05, 2024 17:00:00 EST
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:
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: Nov 05, 2024 17:00:00 EST
					Reviewed By: k4gdmc Lab Batch #: NB240088
					Analyzed By: k4gdmc

Analyte	LOQ	Limit	Results	Status	Testing & Prep Method:
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: Nov 05, 2024 17:00:00 EST
					Reviewed By: k4gdmc Lab Batch #: NB240088
					Analyzed By: k4gdmc

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: Nov 05, 2024 15:15:00 EST
					Reviewed By: k4gdmc 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 0.00841	µg/g	µg/g < LOQ	N/A	Aflatoxin G2	1	0.00841	µg/g	µg/g < LOQ	N/A
Aflatoxin B2	1	0.00841		< LOQ	N/A	Ochratoxin A	1	0.00841	0.02	< LOQ	Pass
Aflatoxin G1	1	0.00841		< 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: 1.1892 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



Mango Sunrise JYDG24305F

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	0.0841	0.5	< LOQ	Pass	Kresoxim-methyl	1	0.0841	0.4	< LOQ	Pass
Acephate	1	0.0841	0.4	< LOQ	Pass	Malathion	1	0.0841	0.2	< LOQ	Pass
Acequinocyl	1	0.0841	2	< LOQ	Pass	Metaxyl	1	0.0841	0.2	< LOQ	Pass
Acetamiprid	1	0.0841	0.2	< LOQ	Pass	Methiocarb	1	0.0841	0.2	< LOQ	Pass
Aldicarb	1	0.0841	0.4	< LOQ	Pass	Methomyl	1	0.0841	0.4	< LOQ	Pass
Azadirachtin	1	0.0841	1	< LOQ	Pass	Methyl parathion	1	0.0841	0.2	< LOQ	Pass
Azoxystrobin	1	0.0841	0.2	< LOQ	Pass	Mevinphos	1	0.0841	1	< LOQ	Pass
Bifenazate	1	0.0841	0.2	< LOQ	Pass	MGK-264			0.2	< LOQ	Pass
Bifenthrin	1	0.0841	0.2	< LOQ	Pass	MGK-264 I	1	0.0277		< LOQ	N/A
Boscalid	1	0.0841	0.4	< LOQ	Pass	MGK-264 II	1	0.0543		< LOQ	N/A
Captan	1	0.0841	1	< LOQ	Pass	Myclobutanil	1	0.0841	0.2	< LOQ	Pass
Carbaryl	1	0.0841	0.2	< LOQ	Pass	Naled	1	0.0841	0.5	< LOQ	Pass
Carbofuran	1	0.0841	0.2	< LOQ	Pass	Oxamyl	1	0.0841	1	< LOQ	Pass
Chlorantraniliprole	1	0.0841	0.2	< LOQ	Pass	Paclobutrazol	1	0.0841	0.4	< LOQ	Pass
Chlordane	1	0.336	1	< LOQ	Pass	Pentachloronitrobenzene	1	0.0841	1	< LOQ	Pass
Chlorfenapyr	1	0.0841	1	< LOQ	Pass	Permethrin			0.2	< LOQ	Pass
Chlormequat chloride	1	0.0841	1	< LOQ	Pass	Permethrin cis	1	0.0387		< LOQ	N/A
Chlorpyrifos	1	0.0841	0.2	< LOQ	Pass	Permethrin trans	1	0.0454		< LOQ	N/A
Clofentezine	1	0.0841	0.2	< LOQ	Pass	Phosmet	1	0.0841	0.2	< LOQ	Pass
Coumaphos	1	0.0841	1	< LOQ	Pass	Piperonylbutoxide	1	0.0841	2	< LOQ	Pass
Cyfluthrin	1	0.0841	1	< LOQ	Pass	Prallethrin	1	0.0841	0.2	< LOQ	Pass
Cypermethrin	1	0.0841	1	< LOQ	Pass	Propiconazole	1	0.0841	0.4	< LOQ	Pass
Daminozide	1	0.0841	1	< LOQ	Pass	Propoxur	1	0.0841	0.2	< LOQ	Pass
Diazinon	1	0.0841	0.2	< LOQ	Pass	Pyrethrins			1	< LOQ	Pass
Dichlorvos	1	0.0841	1	< LOQ	Pass	Pyrethrins Cinerin I	1	0.00454		< LOQ	N/A
Dimethoate	1	0.0841	0.2	< LOQ	Pass	Pyrethrins Jasmolin I	1	0.00318		< LOQ	N/A
Dimethomorph	1	0.0841	1	< LOQ	Pass	Pyrethrins Pyrethrin I	1	0.0447		< LOQ	N/A
Ethoprophos	1	0.0841	0.2	< LOQ	Pass	Pyridaben	1	0.0841	0.2	< LOQ	Pass
Etofenprox	1	0.0841	0.4	< LOQ	Pass	Spinetoram	1	0.0841	1	< LOQ	Pass
Etoxazole	1	0.0841	0.2	< LOQ	Pass	Spinosad			0.2	< LOQ	Pass
Fenhexamid	1	0.0841	1	< LOQ	Pass	Spinosad A	1	0.0678		< LOQ	N/A
Fenoxycarb	1	0.0841	0.2	< LOQ	Pass	Spinosad D	1	0.0146		< LOQ	N/A
Fenpyroximate	1	0.0841	0.4	< LOQ	Pass	Spiromesifen	1	0.0841	0.2	< LOQ	Pass
Fipronil	1	0.0841	0.4	< LOQ	Pass	Spirotetramat	1	0.0841	0.2	< LOQ	Pass
Flonicamid	1	0.0841	1	< LOQ	Pass	Spiroxamine	1	0.0841	0.2	< LOQ	Pass
Fludioxonil	1	0.0841	0.4	< LOQ	Pass	Tebuconazole	1	0.0841	0.4	< LOQ	Pass
Hexythiazox	1	0.0841	1	< LOQ	Pass	Thiacloprid	1	0.0841	0.2	< LOQ	Pass
Imazalil	1	0.0841	0.2	< LOQ	Pass	Thiamethoxam	1	0.0841	0.2	< LOQ	Pass
Imidacloprid	1	0.0841	0.4	< LOQ	Pass	Trifloxystrobin	1	0.0841	0.2	< LOQ	Pass
Indole-3-butyric acid	1	0.0841	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: 1.1892 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



Mango Sunrise JYDG24305F

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	194.000	1000	< LOQ	Pass
1,1,1-Trichloroethane	1	77.700	1500	< LOQ	Pass
1,2-Dichloroethane	1	7.770	5	< LOQ	Pass
2,2-Dimethylbutane	1	15.500		< LOQ	N/A
2,3-Dimethylbutane	1	15.500		< LOQ	N/A
2-Methylbutane	1	25.900		< LOQ	N/A
2-Methylpentane	1	15.500		< LOQ	N/A
2-Methylpropane	1	38.900		< LOQ	N/A
2-Propanol	1	77.700	5000	< LOQ	Pass
3-Methylpentane	1	15.500		< LOQ	N/A
Acetone	1	77.700	5000	< LOQ	Pass
Acetonitrile	1	77.700	410	< LOQ	Pass
Benzene	1	0.777	2	< LOQ	Pass
Butane	1	38.900		< LOQ	N/A
Butanes			5000	< LOQ	Pass
Chloroform	1	0.777	60	< LOQ	Pass
Dichloromethane	1	77.700	600	< LOQ	Pass

Analyte	Dilution	LOQ	Limit	Results	Status
	1:n	ppm	ppm	ppm	
Dimethyl sulfoxide	1	1550.000	5000	< LOQ	Pass
Ethanol	1	77.700	5000	485.770	Pass
Ethyl acetate	1	77.700	5000	< LOQ	Pass
Ethyl ether	1	77.700	5000	< LOQ	Pass
Heptane	1	77.700	5000	< LOQ	Pass
Hexane	1	15.500		< LOQ	N/A
Hexanes			290	< LOQ	Pass
Methanol	1	77.700	3000	< LOQ	Pass
Neopentane	1	25.900		< LOQ	N/A
o-Xylene	1	19.400		< LOQ	N/A
p- and m-Xylene	1	38.900		< LOQ	N/A
Pentane	1	25.900		< LOQ	N/A
Pentanes			5000	< LOQ	Pass
Propane	1	77.700	5000	< LOQ	Pass
Toluene	1	77.700	890	< LOQ	Pass
Total xylenes			2170	< LOQ	Pass
Trichloroethylene	1	77.700		< LOQ	N/A

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

Analyzed By: tvckqh
Prep Weight: 0.1287 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	0.0081		< LOQ	< LOQ
α-Humulene	1	0.0081		< LOQ	< LOQ
α-Phellandrene	1	0.0081		< LOQ	< LOQ
α-Pinene	1	0.0081		< LOQ	< LOQ
α-Terpinene	1	0.0081		< LOQ	< LOQ
β-Caryophyllene	1	0.0081		< LOQ	< LOQ
β-Myrcene	1	0.0081		< LOQ	< LOQ
β-Pinene	1	0.0081		< LOQ	< LOQ
Camphene	1	0.0081		< LOQ	< LOQ
Caryophyllene Oxide	1	0.0081		< LOQ	< LOQ
cis-β-Ocimene	1	0.0023		< LOQ	< LOQ
d-Limonene	1	0.0081		< LOQ	< LOQ
Δ ³ -Carene	1	0.0081		< LOQ	< LOQ
Eucalyptol	1	0.0081		< LOQ	< LOQ

Analyte	Dilution	LOQ	Limit	Results	Results
	1:n	%		%	
Fenchol	1	0.0081		< LOQ	< LOQ
γ-Terpinene	1	0.0081		< LOQ	< LOQ
Geraniol	1	0.0081		< LOQ	< LOQ
Guaiol	1	0.0081		< LOQ	< LOQ
Isopulegol	1	0.0081		< LOQ	< LOQ
Linalool	1	0.0081		< LOQ	< LOQ
p-Cymene	1	0.0081		< LOQ	< LOQ
Terpineol	1	0.0081		< LOQ	< LOQ
Terpinolene	1	0.0081		< LOQ	< LOQ
trans-β-Farnesene	1	0.0081		< LOQ	< LOQ
trans-β-Ocimene	1	0.0054		< LOQ	< LOQ
trans-Nerolidol	1	0.0081		< LOQ	< LOQ
Valencene	1	0.0081		< LOQ	< LOQ
Total Terpenes				< LOQ	< LOQ

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

Analyzed By: tvckqh
Prep Weight: 0.0986 Grams

Reviewed By: 38fef6
Lab Batch #: NT240163



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Lead Technical Director
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Mango Sunrise JYDG24305F

Regulatory Compliance Testing

Report Date: Nov 06, 2024

Sample ID: CTNY-241031-008

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	0.70 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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