



CERTIFICATE OF ANALYSIS

Regulatory Compliance Testing
Report Date: Nov 29, 2024

Overall Result



PASS

Naturae LLC

pg 1 of 6

Mango Sunrise JYDG24327F

Edible Solid



SAMPLE INFORMATION

Sample ID: CTNY-241122-004
Sample Name: Mango Sunrise JYDG24327F
Matrix: Cannabis Edible Product
Product: Edible Solid
Batch No.: JYDG24327F
Batch Size: 5133 Units
Sample Size: 4 Units
Serving Size: 5 g
Package Size: 50 g
Cultivar(s): N/A
Date Collected: Nov 22, 2024
Time Collected: 11:20:49
Date Received: Nov 22, 2024
Category: Cannabis_edible_product
Compliance Type: Adult Use
Received By: Logan Emerson Alvarez

CULTIVATOR

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

MANUFACTURER

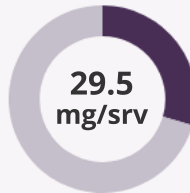
Naturae LLC
License: OCM-PROC-24-000091
Address: 4883 NY-67
Hoosick Falls, NY 12090

CONTACT

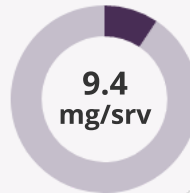
Dennis Tario
Phone: (518) 937-7247
Address: 4883 NY-67
Hoosick Falls, NY 12090

Cannabinoids

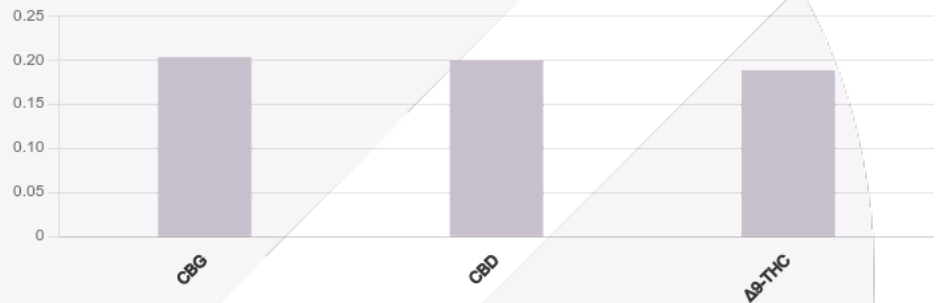
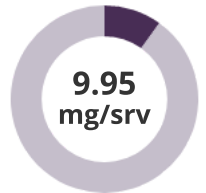
TOTAL CANNABINOIDS



TOTAL THC

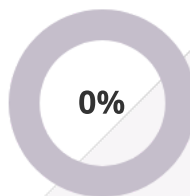


TOTAL CBD



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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Contact: Larry Clement
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Larry Clement
Quality Assurance Officer
Nov 29, 2024

Logan Alvarez
Lead Technical Director
Nov 29, 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 JYDG24327F

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	0.00706	< LOQ	< LOQ	< LOQ	< LOQ
9S-Δ ¹⁰ -THC	20	0.00706	< LOQ	< LOQ	< LOQ	< LOQ
CBC	20	0.00706	< LOQ	< LOQ	< LOQ	< LOQ
CBD	20	0.00706	0.199	1.99	99.5	9.95
CBDA	20	0.00706	< LOQ	< LOQ	< LOQ	< LOQ
CBDV	20	0.00706	< LOQ	< LOQ	< LOQ	< LOQ
CBG	20	0.00706	0.203	2.03	102	10.2
Total THC			0.188	1.88	94.0	9.40
Total CBD			0.199	1.99	99.5	9.95

Analyte	Dilution	LOQ	Results	Results	Results	Results
	1:n	%	%	mg/g	mg/pkg	mg/srv
CBGA	20	0.00706	< LOQ	< LOQ	< LOQ	< LOQ
CBN	20	0.00706	< LOQ	< LOQ	< LOQ	< LOQ
Δ ⁸ -THC	20	0.00706	< LOQ	< LOQ	< LOQ	< LOQ
Δ ⁹ -THC	20	0.00706	0.188	1.88	94.0	9.40
Δ ¹⁰ -THC			< LOQ	< LOQ	< LOQ	< LOQ
THCA	20	0.00706	< LOQ	< LOQ	< LOQ	< LOQ
THCV	20	0.00706	< LOQ	< LOQ	< LOQ	< LOQ
Total THC			0.188	1.88	94.0	9.40
Total CBD			0.199	1.99	99.5	9.95

Prepared By: 38fef6
Analysis Date: Nov 25, 2024 16:00:00 EST

Analyzed By: 38fef6
Prep Weight: 1.4168 Grams

Reviewed By: 38fef6
Lab Batch #: NP240245

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	0.076	120	< LOQ	Pass
Arsenic	2	0.076	1.5	< LOQ	Pass
Cadmium	2	0.076	0.5	< LOQ	Pass
Chromium	2	0.382	1100	< LOQ	Pass

Analyte	Dilution	LOQ	Limit	Results	Status
	1:n	µg/g	µg/g	µg/g	
Copper	2	0.382	300	< LOQ	Pass
Lead	2	0.076	0.5	< LOQ	Pass
Mercury	2	0.076	3	< LOQ	Pass
Nickel	2	0.382	20	< LOQ	Pass

Prepared By: tvckqh
Analysis Date: Nov 22, 2024 14:00:00 EST

Analyzed By: tvckqh
Prep Weight: 0.5241 Grams

Reviewed By: tvckqh
Lab Batch #: NM240162



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Larry Clement
 Quality Assurance Officer
 Nov 29, 2024



Logan Alvarez
 Lead Technical Director
 Nov 29, 2024

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Mango Sunrise JYDG24327F

Microbials

PASS

Analyte	LOQ	Limit	Results	Status	Testing & Prep Method:
	CFU/g	CFU/g	CFU/g		Micro: Aspergillus by Biomerieux Gene-Up
Aspergillus flavus	1.00	Absent in any amt	Absent	Pass	Prepared By: k4gdmc Reviewed By: k4gdmc Analysis Date: Nov 25, 2024 15:00:00 EST Lab Batch #: NB240092
Aspergillus fumigatus	1.00	Absent in any amt	Absent	Pass	Analyzed By: k4gdmc
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:
	CFU/g	CFU/g	CFU/g		Micro: Salmonella by Biomerieux Gene-Up
Salmonella spp.	1.00	Absent in any amt	Absent	Pass	Prepared By: k4gdmc Reviewed By: k4gdmc Analysis Date: Nov 25, 2024 15:00:00 EST Lab Batch #: NB240092
					Analyzed By: k4gdmc

Analyte	LOQ	Limit	Results	Status	Testing & Prep Method:
	CFU/g	CFU/g	CFU/g		Micro: Shiga Toxin-producing E. Coli by Biomerieux Gene-Up
Shiga toxin-producing E. coli	1.00	Absent in any amt	Absent	Pass	Prepared By: k4gdmc Reviewed By: k4gdmc Analysis Date: Nov 25, 2024 15:00:00 EST Lab Batch #: NB240092
					Analyzed By: k4gdmc

Analyte	LOQ	Limit	Results	Status	Testing & Prep Method:
	CFU/g	CFU/g	CFU/g		Micro: Total Viable Aerobic Bacteria by Biomerieux Tempo
Aerobic Bacteria	100	10000	< LOQ	Pass	Prepared By: k4gdmc Reviewed By: k4gdmc Analysis Date: Nov 23, 2024 19:00:00 EST Lab Batch #: NB240092
					Analyzed By: k4gdmc

Analyte	LOQ	Limit	Results	Status	Testing & Prep Method:
	CFU/g	CFU/g	CFU/g		Micro: Total Yeast & Mold by Biomerieux Tempo
Yeast & Mold	100	1000	< LOQ	Pass	Prepared By: k4gdmc Reviewed By: k4gdmc Analysis Date: Nov 25, 2024 18:45:00 EST Lab Batch #: NB240092
					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	0.00862		< LOQ	N/A	Aflatoxin G2	1	0.00862		< LOQ	N/A
Aflatoxin B2	1	0.00862		< LOQ	N/A	Ochratoxin A	1	0.00862	0.02	< LOQ	Pass
Aflatoxin G1	1	0.00862		< LOQ	N/A	Aflatoxins			0.02	< LOQ	Pass
Aflatoxins			0.02	< LOQ	Pass						
Prepared By: k4gdmc Analysis Date: Nov 25, 2024 19:31:00 EST			Analyzed By: k4gdmc Prep Weight: 1.1601 Grams			Reviewed By: k4gdmc Lab Batch #: NPM240149					



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Mango Sunrise JYDG24327F

Regulatory Compliance Testing

Report Date: Nov 29, 2024

Sample ID: CTNY-241122-004

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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	0.0862	0.5	< LOQ	Pass	Kresoxim-methyl	1	0.0862	0.4	< LOQ	Pass
Acephate	1	0.0862	0.4	< LOQ	Pass	Malathion	1	0.0862	0.2	< LOQ	Pass
Acequinocyl	1	0.0862	2	< LOQ	Pass	Metaxyl	1	0.0862	0.2	< LOQ	Pass
Acetamiprid	1	0.0862	0.2	< LOQ	Pass	Methiocarb	1	0.0862	0.2	< LOQ	Pass
Aldicarb	1	0.0862	0.4	< LOQ	Pass	Methomyl	1	0.0862	0.4	< LOQ	Pass
Azadirachtin	1	0.0862	1	< LOQ	Pass	Methyl parathion	1	0.0862	0.2	< LOQ	Pass
Azoxystrobin	1	0.0862	0.2	< LOQ	Pass	Mevinphos	1	0.0862	1	< LOQ	Pass
Bifenazate	1	0.0862	0.2	< LOQ	Pass	MGK-264			0.2	< LOQ	Pass
Bifenthrin	1	0.0862	0.2	< LOQ	Pass	MGK-264 I	1	0.0284		< LOQ	N/A
Boscalid	1	0.0862	0.4	< LOQ	Pass	MGK-264 II	1	0.0557		< LOQ	N/A
Captan	1	0.0862	1	< LOQ	Pass	Myclobutanil	1	0.0862	0.2	< LOQ	Pass
Carbaryl	1	0.0862	0.2	< LOQ	Pass	Naled	1	0.0862	0.5	< LOQ	Pass
Carbofuran	1	0.0862	0.2	< LOQ	Pass	Oxamyl	1	0.0862	1	< LOQ	Pass
Chlorantraniliprole	1	0.0862	0.2	< LOQ	Pass	Paclitaxel	1	0.0862	0.4	< LOQ	Pass
Chlordane	1	0.345	1	< LOQ	Pass	Pentachloronitrobenzene	1	0.0862	1	< LOQ	Pass
Chlorfenapyr	1	0.0862	1	< LOQ	Pass	Permethrin			0.2	< LOQ	Pass
Chloromequat chloride	1	0.0862	1	< LOQ	Pass	Permethrin cis	1	0.0397		< LOQ	N/A
Chlorpyrifos	1	0.0862	0.2	< LOQ	Pass	Permethrin trans	1	0.0465		< LOQ	N/A
Clofentezine	1	0.0862	0.2	< LOQ	Pass	Phosmet	1	0.0862	0.2	< LOQ	Pass
Coumaphos	1	0.0862	1	< LOQ	Pass	Piperonylbutoxide	1	0.0862	2	< LOQ	Pass
Cyfluthrin	1	0.0862	1	< LOQ	Pass	Prallethrin	1	0.0862	0.2	< LOQ	Pass
Cypermethrin	1	0.0862	1	< LOQ	Pass	Propiconazole	1	0.0862	0.4	< LOQ	Pass
Daminozide	1	0.0862	1	< LOQ	Pass	Propoxur	1	0.0862	0.2	< LOQ	Pass
Diazinon	1	0.0862	0.2	< LOQ	Pass	Pyrethrins			1	< LOQ	Pass
Dichlorvos	1	0.0862	1	< LOQ	Pass	Pyrethrins Cinerin I	1	0.00465		< LOQ	N/A
Dimethoate	1	0.0862	0.2	< LOQ	Pass	Pyrethrins Jasmolin I	1	0.00326		< LOQ	N/A
Dimethomorph	1	0.0862	1	< LOQ	Pass	Pyrethrins Pyrethrin I	1	0.0459		< LOQ	N/A
Ethoprophos	1	0.0862	0.2	< LOQ	Pass	Pyridaben	1	0.0862	0.2	< LOQ	Pass
Etofenprox	1	0.0862	0.4	< LOQ	Pass	Spinetoram	1	0.0862	1	< LOQ	Pass
Etoxazole	1	0.0862	0.2	< LOQ	Pass	Spinosad			0.2	< LOQ	Pass
Fenhexamid	1	0.0862	1	< LOQ	Pass	Spinosad A	1	0.0695		< LOQ	N/A
Fenoxycarb	1	0.0862	0.2	< LOQ	Pass	Spinosad D	1	0.0150		< LOQ	N/A
Fenpyroximate	1	0.0862	0.4	< LOQ	Pass	Spiromesifen	1	0.0862	0.2	< LOQ	Pass
Fipronil	1	0.0862	0.4	< LOQ	Pass	Spirotetramat	1	0.0862	0.2	< LOQ	Pass
Flonicamid	1	0.0862	1	< LOQ	Pass	Spiroxamine	1	0.0862	0.2	< LOQ	Pass
Fludioxonil	1	0.0862	0.4	< LOQ	Pass	Tebuconazole	1	0.0862	0.4	< LOQ	Pass
Hexythiazox	1	0.0862	1	< LOQ	Pass	Thiacloprid	1	0.0862	0.2	< LOQ	Pass
Imazalil	1	0.0862	0.2	< LOQ	Pass	Thiamethoxam	1	0.0862	0.2	< LOQ	Pass
Imidacloprid	1	0.0862	0.4	< LOQ	Pass	Trifloxystrobin	1	0.0862	0.2	< LOQ	Pass
Indole-3-butyric acid	1	0.0862	1	< LOQ	Pass						

Prepared By: k4gdmc
Analysis Date: Nov 25, 2024 18:00:00 EST, Nov 25, 2024
19:31:00 EST

Analyzed By: k4gdmc
Prep Weight: 1.1601 Grams

Reviewed By: k4gdmc
Lab Batch #: NPM240149



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Nov 29, 2024



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Lead Technical Director
Nov 29, 2024



Mango Sunrise JYDG24327F

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	Analyte	Dilution	LOQ	Limit	Results	Status
	1:n	ppm	ppm	ppm			1:n	ppm	ppm	ppm	
1,1,1,2-Tetrafluoroethane	1	189.000	1000	< LOQ	Pass	Dimethyl sulfoxide	1	1510.000	5000	< LOQ	Pass
1,1,1-Trichloroethane	1	75.700	1500	< LOQ	Pass	Ethanol	1	75.700	5000	645.990	Pass
1,2-Dichloroethane	1	7.570	5	< LOQ	Pass	Ethyl acetate	1	75.700	5000	< LOQ	Pass
2,2-Dimethylbutane	1	15.100		< LOQ	N/A	Ethyl ether	1	75.700	5000	< LOQ	Pass
2,3-Dimethylbutane	1	15.100		< LOQ	N/A	Heptane	1	75.700	5000	< LOQ	Pass
2-Methylbutane	1	25.200		< LOQ	N/A	Hexane	1	15.100		< LOQ	N/A
2-Methylpentane	1	15.100		< LOQ	N/A	Hexanes			290	< LOQ	Pass
2-Methylpropane	1	37.900		< LOQ	N/A	Methanol	1	75.700	3000	< LOQ	Pass
2-Propanol	1	75.700	5000	< LOQ	Pass	Neopentane	1	25.200		< LOQ	N/A
3-Methylpentane	1	15.100		< LOQ	N/A	o-Xylene	1	18.900		< LOQ	N/A
Acetone	1	75.700	5000	< LOQ	Pass	p- and m-Xylene	1	37.900		< LOQ	N/A
Acetonitrile	1	75.700	410	< LOQ	Pass	Pentane	1	25.200		< LOQ	N/A
Benzene	1	0.757	2	< LOQ	Pass	Pentanes			5000	< LOQ	Pass
Butane	1	37.900		< LOQ	N/A	Propane	1	75.700	5000	< LOQ	Pass
Butanes			5000	< LOQ	Pass	Toluene	1	75.700	890	< LOQ	Pass
Chloroform	1	0.757	60	< LOQ	Pass	Total xylenes			2170	< LOQ	Pass
Dichloromethane	1	75.700	600	< LOQ	Pass	Trichloroethylene	1	75.700		< LOQ	N/A

Prepared By: tvckqh
Analysis Date: Nov 22, 2024 14:00:00 EST

Analyzed By: tvckqh
Prep Weight: 0.1321 Grams

Reviewed By: tvckqh
Lab Batch #: NR240151

Terpenes

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

TESTED

Analyte	Dilution	LOQ	Limit	Results	Results	Analyte	Dilution	LOQ	Limit	Results	Results
	1:n	%		%			1:n	%		%	
α-Bisabolol	1	0.0079		< LOQ	< LOQ	Fenchol	1	0.0079		< LOQ	< LOQ
α-Humulene	1	0.0079		< LOQ	< LOQ	γ-Terpinene	1	0.0079		< LOQ	< LOQ
α-Phellandrene	1	0.0079		< LOQ	< LOQ	Geraniol	1	0.0079		< LOQ	< LOQ
α-Pinene	1	0.0079		< LOQ	< LOQ	Guaiol	1	0.0079		< LOQ	< LOQ
α-Terpinene	1	0.0079		< LOQ	< LOQ	Isopulegol	1	0.0079		< LOQ	< LOQ
β-Caryophyllene	1	0.0079		< LOQ	< LOQ	Linalool	1	0.0079		< LOQ	< LOQ
β-Myrcene	1	0.0079		< LOQ	< LOQ	p-Cymene	1	0.0079		< LOQ	< LOQ
β-Pinene	1	0.0079		< LOQ	< LOQ	Terpineol	1	0.0079		< LOQ	< LOQ
Camphene	1	0.0079		< LOQ	< LOQ	Terpinolene	1	0.0079		< LOQ	< LOQ
Caryophyllene Oxide	1	0.0079		< LOQ	< LOQ	trans-β-Farnesene	1	0.0079		< LOQ	< LOQ
cis-β-Ocimene	1	0.0022		< LOQ	< LOQ	trans-β-Ocimene	1	0.0053		< LOQ	< LOQ
d-Limonene	1	0.0079		< LOQ	< LOQ	trans-Nerolidol	1	0.0079		< LOQ	< LOQ
Δ ³ -Carene	1	0.0079		< LOQ	< LOQ	Valencene	1	0.0079		< LOQ	< LOQ
Eucalyptol	1	0.0079		< LOQ	< LOQ						
Total Terpenes				< LOQ	< LOQ	Total Terpenes				< LOQ	< LOQ

Prepared By: tvckqh
Analysis Date: Nov 25, 2024 16:13:00 EST

Analyzed By: tvckqh
Prep Weight: 0.1016 Grams

Reviewed By: tvckqh
Lab Batch #: NT240171



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Quality Assurance Officer
Nov 29, 2024



Logan Alvarez
Lead Technical Director
Nov 29, 2024



Mango Sunrise JYDG24327F

Water Activity

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

PASS

Analyte	Limit	Results	Status
Water Activity	0.85 Aw	0.73 Aw	Pass

Prepared By: 38fef6
Analysis Date: Nov 26, 2024 10:21:00 EST

Analyzed By: 38fef6
Prep Weight: Grams

Reviewed By: 38fef6
Lab Batch #: NW240143

Regulatory Compliance Testing



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