



CERTIFICATE OF ANALYSIS

Regulatory Compliance Testing
Report Date: Apr 30, 2026

Overall Result



PASS

Moby & Zeke LLC (dba Sapphire Farms)

pg 1 of 6

JUGE-001-PR1

Pre-roll



SAMPLE INFORMATION

Sample ID: CTNY-260423-00-005
Sample Name: JUGE-001-PR1
Matrix: Raw Prerolls
Product: Pre-roll
Batch No.: JUGE-001-PR1
Test Pkg: 1A4120300000294000001315
Src Pkg: 1A4120300000294000001262
Batch Size: 21738 Units
Sample Size: 32 Units
Package Size: 1 g
Cultivar(s): Jungle Gemz
Date Collected: Apr 24, 2026
Time Collected: 09:41:02
Date Received: Apr 24, 2026
Category: Raw Prerolls
Compliance Type: Adult Use
Received By: Emily Denton

MANUFACTURER

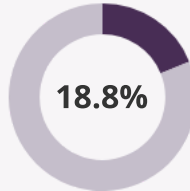
Moby & Zeke LLC (dba Sapphire Farms)
License: OCM-PROC-24-000031
Address: 620 Shaffer Rd
Newfield, NY 14867

CONTACT

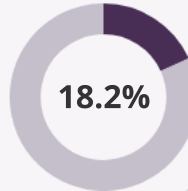
Lindsey Reynolds
Address: 620 Shaffer Rd
Newfield, NY 14867

Cannabinoids

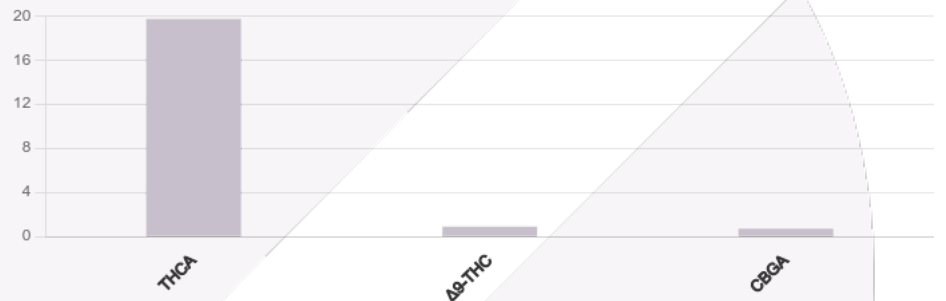
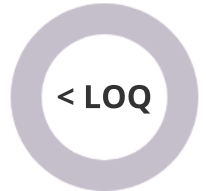
TOTAL CANNABINOIDS



TOTAL THC

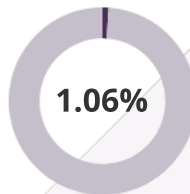


TOTAL CBD



Terpenes

TOTAL TERPENES



TOP 5 TERPENES

Terpene	Percentage	Profile	Icon
β-Caryophyllene	0.49%	Spicy	
α-Humulene	0.16%	Hops	
α-Bisabolol	0.13%	Floral	
d-Limonene	0.11%	Citrus	
β-Myrcene	0.09%	Herbal	

PROFILE

Category	Result
Cannabinoids	TESTED
Heavy Metals	PASS
Microbials	PASS
Moisture Content	PASS
Mycotoxins	PASS
Pesticides	PASS
Terpenes	PASS
Water Activity	PASS



Certified Testing and Data
150 Broadway STE 194
Menands, NY 12204
certifiedtnd.com
License: OCM-CPL-24-00009-L1
Contact: Larry Clement
ph: 5189005515
email: info@certifiedtnd.com



Logan Alvarez
Lead Technical Director
Apr 30, 2026

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



JUGE-001-PR1

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pg 2 of 6

Cannabinoids

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

TESTED

Analyte	Dilution	LOQ	Results	Results	Results	Results
	1:n	%	%	mg/g	mg/pkg	mg/srv
9R-Δ ¹⁰ -THC		0.296	< LOQ	< LOQ	< LOQ	
9S-Δ ¹⁰ -THC		0.296	< LOQ	< LOQ	< LOQ	
CBC		0.296	< LOQ	< LOQ	< LOQ	
CBD		0.296	< LOQ	< LOQ	< LOQ	
CBDA		0.296	< LOQ	< LOQ	< LOQ	
CBDV		0.296	< LOQ	< LOQ	< LOQ	
CBG		0.296	< LOQ	< LOQ	< LOQ	
Total THC			18.2	182	182	
Total CBD			< LOQ	< LOQ	< LOQ	

* Beyond scope of accreditation

Prepared By: k4gdmc
Analysis Date: Apr 29, 2026 12:04:00 EDT

Analyzed By: k4gdmc
Prep Weight: 0.1531 Grams

Reviewed By: k4gdmc
Lab Batch #: 260428_POT

Heavy Metals

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

PASS

Analyte	Dilution	LOQ	Limit	Results	Status
	1:n	µg/g	µg/g	µg/g	
Antimony	2	0.088	2	< LOQ	Pass
Arsenic	2	0.088	0.2	< LOQ	Pass
Cadmium	2	0.088	0.2	< LOQ	Pass
Chromium	2	0.442	110	< LOQ	Pass

Prepared By: k4gdmc
Analysis Date: Apr 28, 2026 09:07:00 EDT

Analyzed By: dcab3b
Prep Weight: 0.4529 Grams

Reviewed By: dcab3b
Lab Batch #: 260424_HM



Certified Testing and Data
150 Broadway STE 194
Menands, NY 12204
certifiedtnd.com
License: OCM-CPL-24-00009-L1
Contact: Larry Clement
ph: 5189005515
email: info@certifiedtnd.com



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Lead Technical Director
Apr 30, 2026



JUGE-001-PR1

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pg 3 of 6

Microbials

PASS

Table with 5 columns: Analyte, LOQ, Limit, Results, Status. Rows include Aerobic Bacteria, Yeast & Mold, Salmonella spp., Shiga toxin-producing E. coli, and Aspergillus species.

Moisture Content

Testing Method: CTND-NY-SOP-S-001: Moisture Content

PASS

Table with 4 columns: Analyte, Limit, Results, Status. Row for Moisture showing 15% limit and 10.1% result.

Mycotoxins

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

PASS

Table with 6 columns: Analyte, Dilution, LOQ, Limit, Results, Status. Rows include Aflatoxin B1, B2, G1, G2, and Ochratoxin A.

Certified Testing and Data contact information including address, phone, and email.



Signature of Logan Alvarez, Lead Technical Director, dated Apr 30, 2026.

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



JUGE-001-PR1

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	Kresoxim-methyl	1	0.106	0.4	< LOQ	Pass
Acephate	1	0.106	0.4	< LOQ	Pass	Malathion	1	0.106	0.2	< LOQ	Pass
Acequinocyl	1	0.106	2	< LOQ	Pass	Metaxyl	1	0.106	0.2	< LOQ	Pass
Acetamiprid	1	0.106	0.2	< LOQ	Pass	Methiocarb	1	0.106	0.2	< LOQ	Pass
Aldicarb	1	0.106	0.4	< LOQ	Pass	Methomyl	1	0.106	0.4	< LOQ	Pass
Azadirachtin	1	0.106	1	< LOQ	Pass	Methyl parathion	1	0.106	0.2	< LOQ	Pass
Azoxystrobin	1	0.106	0.2	< LOQ	Pass	Mevinphos	1	0.106	1	< LOQ	Pass
Bifenazate	1	0.106	0.2	< LOQ	Pass	MGK-264			0.2	< LOQ	Pass
Bifenthrin	1	0.106	0.2	< LOQ	Pass	MGK-264 I	1	0.0350		< LOQ	N/A
Boscalid	1	0.106	0.4	< LOQ	Pass	MGK-264 II	1	0.0687		< LOQ	N/A
Captan	1	0.532	1	< LOQ	Pass	Myclobutanil	1	0.106	0.2	< LOQ	Pass
Carbaryl	1	0.106	0.2	< LOQ	Pass	Naled	1	0.106	0.5	< LOQ	Pass
Carbofuran	1	0.106	0.2	< LOQ	Pass	Oxamyl	1	0.106	1	< LOQ	Pass
Chlorantranil- iprole	1	0.106	0.2	< LOQ	Pass	Paclobutrazol	1	0.106	0.4	< LOQ	Pass
Chlordane	1	0.425	1	< LOQ	Pass	Pentachloroni- trobenzene	1	0.106	1	< LOQ	Pass
Chlorfenapyr	1	0.106	1	< LOQ	Pass	Permethrin			0.2	< LOQ	Pass
Chlormequat chloride	1	0.106	1	< LOQ	Pass	Permethrin cis	1	0.0489		< LOQ	N/A
Chlorpyrifos	1	0.106	0.2	< LOQ	Pass	Permethrin trans	1	0.0574		< LOQ	N/A
Clofentezine	1	0.106	0.2	< LOQ	Pass	Phosmet	1	0.106	0.2	< LOQ	Pass
Coumaphos	1	0.106	1	< LOQ	Pass	Piperonylbuto- xide	1	0.106	2	< LOQ	Pass
Cyfluthrin	1	0.106	1	< LOQ	Pass	Prallethrin	1	0.106	0.2	< LOQ	Pass
Cypermethrin	1	0.106	1	< LOQ	Pass	Propiconazole	1	0.106	0.4	< LOQ	Pass
Daminozide	1	0.106	1	< LOQ	Pass	Propoxur	1	0.106	0.2	< LOQ	Pass
Diazinon	1	0.106	0.2	< LOQ	Pass	Pyrethrins			1	< LOQ	Pass
Dichlorvos	1	0.106	1	< LOQ	Pass	Pyrethrins Cinerin I	1	0.00574		< LOQ	N/A
Dimethoate	1	0.106	0.2	< LOQ	Pass	Pyrethrins Jasmolin I	1	0.00402		< LOQ	N/A
Dimethomorph	1	0.106	1	< LOQ	Pass	Pyrethrins Pyrethrin I	1	0.0566		< LOQ	N/A
Ethoprophos	1	0.106	0.2	< LOQ	Pass	Pyridaben	1	0.106	0.2	< LOQ	Pass
Etofenprox	1	0.106	0.4	< LOQ	Pass	Spinetoram	1	0.106	1	< LOQ	Pass
Etoxazole	1	0.106	0.2	< LOQ	Pass	Spinosad			0.2	< LOQ	Pass
Fenhexamid	1	0.106	1	< LOQ	Pass	Spinosad A	1	0.0857		< LOQ	N/A
Fenoxycarb	1	0.106	0.2	< LOQ	Pass	Spinosad D	1	0.0185		< LOQ	N/A
Fenpyroximate	1	0.106	0.4	< LOQ	Pass	Spiromesifen	1	0.106	0.2	< LOQ	Pass
Fipronil	1	0.106	0.4	< LOQ	Pass	Spirotetramat	1	0.106	0.2	< LOQ	Pass
Flonicamid	1	0.106	1	< LOQ	Pass	Spiroxamine	1	0.106	0.2	< LOQ	Pass
Fludioxonil	1	0.106	0.4	< LOQ	Pass	Tebuconazole	1	0.106	0.4	< LOQ	Pass
Hexythiazox	1	0.106	1	< LOQ	Pass	Thiacloprid	1	0.106	0.2	< LOQ	Pass
Imazalil	1	0.106	0.2	< LOQ	Pass	Thiamethoxam	1	0.106	0.2	< LOQ	Pass
Imidacloprid	1	0.106	0.4	< LOQ	Pass	Trifloxystrob- in	1	0.106	0.2	< LOQ	Pass
Indole-3-butyric acid	1	0.106	1	< LOQ	Pass						

Prepared By: k4gdmc
Analysis Date: Apr 27, 2026 12:00:00 EDT

Analyzed By: k4gdmc
Prep Weight: 0.9403 Grams

Reviewed By: k4gdmc
Lab Batch #: 260424_PEST



Certified Testing and Data
150 Broadway STE 194
Menands, NY 12204
certifiedtnd.com
License: OCM-CPL-24-00009-L1
Contact: Larry Clement
ph: 5189005515
email: info@certifiedtnd.com



Logan Alvarez
Lead Technical Director
Apr 30, 2026



JUGE-001-PR1

Terpenes

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

PASS

Analyte	Dilution	LOQ	Limit	Results	Results
	1:n	%	%		mg/g
α-Bisabolol	1	0.0199	0.1284	1.2840	●
α-Humulene	1	0.0199	0.1640	1.6400	●
α-Phellandrene	1	0.0199	< LOQ	< LOQ	
α-Pinene	1	0.0199	< LOQ	< LOQ	
α-Terpinene	1	0.0199	< LOQ	< LOQ	
β-Caryophyllene	1	0.0199	0.4892	4.8920	■
β-Myrcene	1	0.0199	0.0928	0.9280	●
β-Pinene	1	0.0199	< LOQ	< LOQ	
Camphene	1	0.0199	< LOQ	< LOQ	
Caryophyllene Oxide	1	0.0199	< LOQ	< LOQ	
cis-β-Ocimene	1	0.0056	< LOQ	< LOQ	
d-Limonene	1	0.0199	0.1074	1.0740	●
Δ ³ -Carene	1	0.0199	< LOQ	< LOQ	
Eucalyptol	1	0.0199	< LOQ	< LOQ	
Total Terpenes*			1.0632	10.6320	

* Beyond scope of accreditation

Prepared By: dcab3b
Analysis Date: Apr 28, 2026 11:59:00 EDT

Analyzed By: dcab3b
Prep Weight: 0.1005 Grams

Reviewed By: dcab3b
Lab Batch #: 260427_TERP

Water Activity

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

PASS

Analyte	Limit	Results	Status
Water Activity	0.65 Aw	0.50 Aw	Pass

Prepared By: No Employee ID
Analysis Date: Apr 27, 2026 19:22:00 EDT

Analyzed By: No Employee ID
Prep Weight: Grams

Reviewed By: No Employee ID
Lab Batch #: 260427_WA

Certified Testing and Data
 150 Broadway STE 194
 Menands, NY 12204
 certifiedtnd.com
 License: OCM-CPL-24-00009-L1
 Contact: Larry Clement
 ph: 5189005515
 email: info@certifiedtnd.com



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JUGE-001-PR1

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pg 6 of 6

Accreditations



ilac-MRA



PJLA Testing Accreditation #116070

ISO/IEC 17025

ilac-MRA, PJLA Accredited

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

Abamectin, Acephate, Acequinocyl, Acetamiprid, Aldicarb, Azadirachtin, Azoxystrobin, Bifenazate, Bifenthrin, Boscalid, Captan, Carbaryl, Carbofuran, Chlorantraniliprole, Chlordane, Chlorfenapyr, Chlormequat chloride, Chlorpyrifos, Clofentezine, Coumaphos, Cyfluthrin, Cypermethrin, Daminozide, Diazinon, Dichlorvos, Dimethoate, Dimethomorph, Ethoprophos, Etofenprox, Etoxazole, Fenhexamid, Fenoxycarb, Fenpyroximate, Fipronil, Fonicamid, Fludioxonil, Hexythiazox, Imazalil, Imidacloprid, Indole-3-butyric acid, Kresoxim-methyl, MGK-264, MGK-264 I, MGK-264 II, Malathion, Metalaxyl, Methiocarb, Methomyl, Methyl parathion, Mevinphos, Myclobutanil, Naled, Oxamyl, Paclobutrazol, Pentachloronitrobenzene, Permethrin, Permethrin cis, Permethrin trans, Phosmet, Piperonylbutoxide, Prallethrin, Propiconazole, Propoxur, Pyrethrins, Pyrethrins Cinerin I, Pyrethrins Jasmolin I, Pyrethrins Pyrethrin I, Pyridaben, Spinetoram, Spinosad, Spinosad A, Spinosad D, Spinosyn A, Spinosyn D, Spiromesifen, Spirotetramat, Spiroxamine, Tebuconazole, Thiacloprid, Thiamethoxam, Trifloxystrobin

Micro: Total Yeast & Mold by Biomerieux Tempo
Yeast & Mold

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

(-)-Caryophyllene oxide, (-)-Guaiaol, (-)-Isopulegol, (-)-alpha-Bisabolol, (-)-beta-Pinene, (R)-(+)-Limonene, 1,8-Cineole, Camphene, Caryophyllene Oxide, Delta-3-Carene, Eucalyptol, Farnesene, Fenchol, Geraniol, Guaiaol, Isopulegol, Linalool, Ocimene, Terpineol, Terpinolene, Valencene, alpha-Bisabolol, alpha-Humulene, alpha-Phellandrene, alpha-Pinene, alpha-Terpinene, alpha-Terpinolene, beta-Caryophyllene, beta-Myrcene, beta-Pinene, cis-beta-Ocimene, d-Limonene, gamma-Terpinene, p-Cymene, p-Isopropyltoluene, trans-Caryophyllene, trans-Nerolidol, trans-beta-Farnesene, trans-beta-Ocimene

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

9R-Delta-10-THC, 9S-Delta-10-THC, CBC, CBD, CBDA, CBDV, CBG, CBN, Delta-10-THC, Delta-8-THC, Delta-9-THC, Delta-9-THCA, THCA, THCV, Total CBD, Total THC

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

Aflatoxin B1, Aflatoxin B2, Aflatoxin G1, Aflatoxin G2, Aflatoxins, Ochratoxin A, Total Aflatoxins

Micro: Aspergillus by Biomerieux Gene-Up

Aspergillus flavus, Aspergillus fumigatus, Aspergillus niger, Aspergillus terreus

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

Antimony, Arsenic, Cadmium, Chromium, Copper, Lead, Mercury, Nickel

Micro: Shiga Toxin-producing E. Coli by Biomerieux Gene-Up

Shiga toxin-producing E. coli

Micro: Total Viable Aerobic Bacteria by Biomerieux Tempo

Aerobic Bacteria

Micro: Salmonella by Biomerieux Gene-Up

Salmonella spp.

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

Water Activity

CTND-NY-SOP-S-001: Moisture Content

Moisture

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