



CERTIFICATE OF ANALYSIS

Regulatory Compliance Testing

This is a revised COA issued on Oct 02, 2026

Overall Result



PASS

Old Friends Cultivation LLC

pg 1 of 6

RubyGrand3PR

Pre-roll



SAMPLE INFORMATION

Sample ID: CTNY-260921-03-002

Sample Name: RubyGrand3PR

Matrix: Raw Prerolls

Product: Pre-roll

Batch No.: RubyGrand3PR

Test Pkg: 1A412030000170F0000000606

Src Pkg: 1A412030000170F0000000602

Batch Size: 2841 Units

Sample Size: 15 Units

Package Size: 1000 mg

Cultivar(s): N/A

Date Collected: Sep 22, 2026

Time Collected: 09:34:58

Date Received: Sep 22, 2026

Category: Raw Prerolls

Compliance Type: Adult Use

Received By: Kailey Gargiula

MANUFACTURER

Old Friends Cultivation LLC

License: OCM-MICR-25-000228

Address: 108 Walter Dr

Syracuse, NY 13206

CONTACT

Old Friends Cultivation LLC

Address: 108 Walter Dr

Syracuse, NY 13206

Cannabinoids

TOTAL
CANNABINOIDS

27%

TOTAL
THC

26%

TOTAL
CBD

< LOQ



Terpenes

TOTAL
TERPENES

0.89%

TOP 5 TERPENES

β-Caryophyllene	0.3%	Spicy	
Linalool	0.12%	Floral	
α-Humulene	0.09%	Hops	
trans-β-Farnesene	0.07%	Woody	
d-Limonene	0.06%	Citrus	

PROFILE

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



Certified Testing and Data
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Menands, NY 12204
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Logan Alvarez
Lead Technical Director
Oct 02, 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



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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^9 -THC	0.303	< LOQ	< LOQ	< LOQ		
9S- Δ^9 -THC	0.303	< LOQ	< LOQ	< LOQ		
CBC	0.303	< LOQ	< LOQ	< LOQ		
CBD	0.303	< LOQ	< LOQ	< LOQ		
CBDA	0.303	< LOQ	< LOQ	< LOQ		
CBDV	0.303	< LOQ	< LOQ	< LOQ		
CBG	0.303	< LOQ	< LOQ	< LOQ		
Total THC		26.0	260	260		
Total CBD		< LOQ	< LOQ	< LOQ		

* Beyond scope of accreditation

Prepared By: ICAL-NY#0007
Analysis Date: Sep 30, 2026 10:38:00 EDT

Analyzed By: ICAL-NY#0001
Prep Weight: 0.1733 Grams

Reviewed By: ICAL-NY#0001
Lab Batch #: 260929_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	$\mu\text{g/g}$	$\mu\text{g/g}$	$\mu\text{g/g}$	
Antimony	2	0.080	2	< LOQ	Pass
Arsenic	2	0.080	0.2	< LOQ	Pass
Cadmium	2	0.080	0.2	< LOQ	Pass
Chromium	2	0.399	110	< LOQ	Pass

Prepared By: ICAL-NY#0003
Analysis Date: Sep 25, 2026 13:48:00 EDT

Analyzed By: ICAL-NY#0003
Prep Weight: 0.5016 Grams

Reviewed By: ICAL-NY#0003
Lab Batch #: 260923_HM



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Microbials

PASS

Analyte	LOQ	Limit	Results	Status	Testing & Prep Method:
Aerobic Bacteria	CFU/g 100		CFU/g 100	N/A	Micro: Total Viable Aerobic Bacteria by Biomerieux Tempo
					Prepared By: ICAL-NY#0013 Analysis Date: Sep 23, 2026 09:46:00 EDT
					Reviewed By: ICAL-NY#0013 Lab Batch #: 260922_MIC
					Analyzed By: ICAL-NY#0013
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: ICAL-NY#0013 Analysis Date: Sep 23, 2026 11:32:00 EDT
Aspergillus niger	1.00	Absent in any amt	Absent	Pass	
Aspergillus terreus	1.00	Absent in any amt	Absent	Pass	
					Reviewed By: ICAL-NY#0006 Lab Batch #: 260922_MIC
					Analyzed By: ICAL-NY#0006
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: ICAL-NY#0013 Analysis Date: Sep 23, 2026 11:32:00 EDT
					Reviewed By: ICAL-NY#0006 Lab Batch #: 260922_MIC
					Analyzed By: ICAL-NY#0006
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: ICAL-NY#0013 Analysis Date: Sep 22, 2026 11:32:00 EDT
					Reviewed By: ICAL-NY#0006 Lab Batch #: 260922_MIC
					Analyzed By: ICAL-NY#0006
Analyte	LOQ	Limit	Results	Status	Testing & Prep Method:
Yeast & Mold	CFU/g 100		CFU/g < LOQ	N/A	Micro: Total Yeast & Mold by Biomerieux Tempo
					Prepared By: ICAL-NY#0013 Analysis Date: Sep 25, 2026 11:43:00 EDT
					Reviewed By: ICAL-NY#0013 Lab Batch #: 260922_MIC
					Analyzed By: ICAL-NY#0013

Moisture Content

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

PASS

Analyte	Limit	Results	Status
Moisture	15 %	11.2 %	Pass
Prepared By: ICAL-NY#0013 Analysis Date: Sep 24, 2026 12:01:00 EDT			
Analyzed By: ICAL-NY#0013 Prep Weight: 0.9077 Grams			
Reviewed By: ICAL-NY#0001 Lab Batch #: 260924_MC			

Mycotoxins

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

PASS

Analyte	Dilution	LOQ	Limit	Results	Status
Aflatoxin B1	1:n	µg/g 0.0144	µg/g	µg/g < LOQ	N/A
Aflatoxin B2	1	0.0144		< LOQ	N/A
Aflatoxin G1	1	0.0144		< LOQ	N/A
Aflatoxins			0.02	< LOQ	Pass
Prepared By: ICAL-NY#0007 Analysis Date: Sep 24, 2026 17:00:00 EDT					
Analyzed By: ICAL-NY#0001 Prep Weight: 0.695 Grams					
Reviewed By: ICAL-NY#0001 Lab Batch #: 260924_PEST					
Analyte	Dilution	LOQ	Limit	Results	Status
Aflatoxin G2	1:n	µg/g 0.0144	µg/g	µg/g < LOQ	N/A
Ochratoxin A	1	0.0144	0.02	< LOQ	Pass
Aflatoxins			0.02	< LOQ	Pass



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Lead Technical Director
Oct 02, 2026



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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	0.144	0.5	< LOQ	Pass	Kresoxim-methyl	1	0.144	0.4	< LOQ	Pass
Acephate	1	0.144	0.4	< LOQ	Pass	Malathion	1	0.144	0.2	< LOQ	Pass
Acequinocyl	1	0.144	2	< LOQ	Pass	Metalaxyl	1	0.144	0.2	< LOQ	Pass
Acetamiprid	1	0.144	0.2	< LOQ	Pass	Methiocarb	1	0.144	0.2	< LOQ	Pass
Aldicarb	1	0.144	0.4	< LOQ	Pass	Methomyl	1	0.144	0.4	< LOQ	Pass
Azadirachtin	1	0.144	1	< LOQ	Pass	Methyl parathion	1	0.144	0.2	< LOQ	Pass
Azoxystrobin	1	0.144	0.2	< LOQ	Pass	Mevinphos	1	0.144	1	< LOQ	Pass
Bifenazate	1	0.144	0.2	< LOQ	Pass	MGK-264			0.2	< LOQ	Pass
Bifenthrin	1	0.144	0.2	< LOQ	Pass	MGK-264 I	1	0.0473		< LOQ	N/A
Boscalid	1	0.144	0.4	< LOQ	Pass	MGK-264 II	1	0.0929		< LOQ	N/A
Captan	1	0.719	1	< LOQ	Pass	Myclobutanil	1	0.144	0.2	< LOQ	Pass
Carbaryl	1	0.144	0.2	< LOQ	Pass	Naled	1	0.144	0.5	< LOQ	Pass
Carbofuran	1	0.144	0.2	< LOQ	Pass	Oxamyl	1	0.144	1	< LOQ	Pass
Chlorantraniliprole	1	0.144	0.2	< LOQ	Pass	Paclobutrazol	1	0.144	0.4	< LOQ	Pass
Chlordane	1	0.576	1	< LOQ	Pass	Pentachloronitrobenzene	1	0.144	1	< LOQ	Pass
Chlorfenapyr	1	0.144	1	< LOQ	Pass	Permethrin			0.2	< LOQ	Pass
Chlormequat chloride	1	0.144	1	< LOQ	Pass	Permethrin cis	1	0.0662		< LOQ	N/A
Chlorpyrifos	1	0.144	0.2	< LOQ	Pass	Permethrin trans	1	0.0777		< LOQ	N/A
Clofentezine	1	0.144	0.2	< LOQ	Pass	Phosmet	1	0.144	0.2	< LOQ	Pass
Coumaphos	1	0.144	1	< LOQ	Pass	Piperonylbutoxide	1	0.144	2	< LOQ	Pass
Cyfluthrin	1	0.144	1	< LOQ	Pass	Prallethrin	1	0.144	0.2	< LOQ	Pass
Cypermethrin	1	0.144	1	< LOQ	Pass	Propiconazole	1	0.144	0.4	< LOQ	Pass
Daminozide	1	0.144	1	< LOQ	Pass	Propoxur	1	0.144	0.2	< LOQ	Pass
Diazinon	1	0.144	0.2	< LOQ	Pass	Pyrethrins			1	< LOQ	Pass
Dichlorvos	1	0.144	1	< LOQ	Pass	Pyrethrins Cinerin I	1	0.00777		< LOQ	N/A
Dimethoate	1	0.144	0.2	< LOQ	Pass	Pyrethrins Jasmolin I	1	0.00544		< LOQ	N/A
Dimethomorph	1	0.144	1	< LOQ	Pass	Pyrethrins Pyrethrin I	1	0.0765		< LOQ	N/A
Ethoprophos	1	0.144	0.2	< LOQ	Pass	Pyridaben	1	0.144	0.2	< LOQ	Pass
Etofenprox	1	0.144	0.4	< LOQ	Pass	Spinetoram	1	0.144	1	< LOQ	Pass
Etoxazole	1	0.144	0.2	< LOQ	Pass	Spinosad			0.2	< LOQ	Pass
Fenhexamid	1	0.144	1	< LOQ	Pass	Spinosad A	1	0.116		< LOQ	N/A
Fenoxycarb	1	0.144	0.2	< LOQ	Pass	Spinosad D	1	0.0250		< LOQ	N/A
Fenpyroximate	1	0.144	0.4	< LOQ	Pass	Spiromesifen	1	0.144	0.2	< LOQ	Pass
Fipronil	1	0.144	0.4	< LOQ	Pass	Spirotetramat	1	0.144	0.2	< LOQ	Pass
Flonicamid	1	0.144	1	< LOQ	Pass	Spiroxamine	1	0.144	0.2	< LOQ	Pass
Fludioxonil	1	0.144	0.4	< LOQ	Pass	Tebuconazole	1	0.144	0.4	< LOQ	Pass
Hexythiazox	1	0.144	1	< LOQ	Pass	Thiacloprid	1	0.144	0.2	< LOQ	Pass
Imazalil	1	0.144	0.2	< LOQ	Pass	Thiamethoxam	1	0.144	0.2	< LOQ	Pass
Imidacloprid	1	0.144	0.4	< LOQ	Pass	Trifloxystrobin	1	0.144	0.2	< LOQ	Pass
Indole-3-butyric acid	1	0.144	1	< LOQ	Pass						

Prepared By: ICAL-NY#0007
Analysis Date: Sep 24, 2026 17:00:00 EDT

Analyzed By: ICAL-NY#0001
Prep Weight: 0.695 Grams

Reviewed By: ICAL-NY#0001
Lab Batch #: , 260924_PEST



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Lead Technical Director
Oct 02, 2026



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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	0.0209		0.0521	0.5210
α -Humulene	1	0.0209		0.0874	0.8740
α -Phellandrene	1	0.0209		< LOQ	< LOQ
α -Pinene	1	0.0209		< LOQ	< LOQ
α -Terpinene	1	0.0209		< LOQ	< LOQ
β -Caryophyllene	1	0.0209		0.2963	2.9630
β -Myrcene	1	0.0209		< LOQ	< LOQ
β -Pinene	1	0.0209		0.0229	0.2290
Camphene	1	0.0209		< LOQ	< LOQ
Caryophyllene Oxide	1	0.0209		0.0343	0.3430
cis- β -Ocimene	1	0.0059		< LOQ	< LOQ
d-Limonene	1	0.0209		0.0636	0.6360
Δ^3 -Carene	1	0.0209		< LOQ	< LOQ
Eucalyptol	1	0.0209		< LOQ	< LOQ
Total Terpenes*				0.8888	8.8880

* Beyond scope of accreditation

Prepared By: ICAL-NY#0003
Analysis Date: Oct 02, 2026 11:17:00 EDT

Analyzed By: ICAL-NY#0003
Prep Weight: 0.0956 Grams

Reviewed By: ICAL-NY#0003
Lab Batch #: 260925_TERP

Water Activity

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

PASS

Analyte	Limit	Results	Status
Water Activity	0.65 Aw	0.54 Aw	Pass

Prepared By: ICAL-NY#0013
Analysis Date: Sep 25, 2026 14:30:00 EDT

Analyzed By: ICAL-NY#0013
Prep Weight: Grams

Reviewed By: ICAL-NY#0013
Lab Batch #: 260925_WA

Notes

Logan Emerson Alvarez
Oct 02, 2026

Terpenes by GC-MS
COA revised to include corrected terpene results.



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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, Flonicamid, 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

Product Images



Regulatory Compliance Testing



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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