

# Certificate Of Analysis

## Results Summary

**Client Name:** Java Sprouts LLC

**Contact Name:** Lovely Hamlet

**Address:** 10175 Mileblock RD, North Collins NY 14111

**Phone:** 3152561833

**License Number:** OCM-AUCC-22-000218

**Sample Description:** jarred live dried flower

**Lot Number:** GRC1001

**Regulatory Category:** Adult Use

**Sample Matrix:** Un-Extracted

**Delivery Method:** Inhalation

**Sample Type:** Flower

**Sample Subtype:** eighth

**Sampling Site:** 10175 Mileblock Rd, North Collins NY 14111

**Sampling Date and Time:** 12/19/2023 04:30 PM

### Cannabinoids Profile

#### Terpenes

Pesticides PASS

Filth and Foreign Material PASS

Microbial Impurities (MDG for STEC, Salmonella, Asp sp.) PASS

Microbial Impurities (Total Aerobic Bacteria/CDP-TC) PASS

Microbial Impurities (Total Yeast and Mold/CDP-YMR) PASS

Moisture Content PASS

Mycotoxins PASS

Pesticides cont. PASS

Trace Metals PASS

Water Activity PASS

# Certificate Of Analysis

## Cannabinoids Profile

**Date analyzed:** 12/27/2023

**Method:** NY.SOP.T.40.260

**Analyst:** Destiny Ribadeneyra

**Date started:** 12/20/2023 04:14 PM

Analyte	Result (%w/w)	LOQ (µg/mL)	Result (mg/unit)
Δ8-THC†	<LOQ	0.6	<LOQ
Δ9-THC†	<LOQ	0.66	<LOQ
Δ10-THC-RS†	<LOQ	0.6	<LOQ
Δ10-THC-RR†	<LOQ	0.6	<LOQ
Tetrahydrocannabinolic acid (THCA)†	31.08	0.6	1087.95
Tetrahydrocannabivarin (THCV)	<LOQ	0.6	<LOQ
Cannabidiol (CBD)*	<LOQ	0.6	<LOQ
Cannabinadiolic acid (CBDA)*	<LOQ	0.6	<LOQ
Cannabidivarin (CBDV)	<LOQ	0.6	<LOQ
Cannabinol (CBN)	<LOQ	0.6	<LOQ
Cannabigerol (CBG)	<LOQ	0.6	<LOQ
Cannabigerolic acid (CBGA)	1.56	0.6	54.53
Cannabichromene (CBC)	<LOQ	0.6	<LOQ
†Total Tetrahydrocannabinol (THC)	27.26	-	954.13
*Total Cannabidiol (CBD)	0	-	0
Total Cannabinoids	28.82	-	1008.66

Analyzed by HPLC

V125.43

# Certificate Of Analysis

## Terpenes

**Date analyzed:** 12/28/2023

**Method:** NY.SOP.T.40.090

**Analyst:** Destiny Ribadeneyra

**Date started:** 12/20/2023 08:12 PM

Analyte	Result (%w/w)	LOQ
3-Carene	<LOQ	0.02
alpha-Bisabolol	<LOQ	0.02
alpha-Humulene	0.2	0.03
alpha-Phellandrene	<LOQ	0.03
alpha-Pinene	<LOQ	0.02
alpha-Terpinene	<LOQ	0.01
alpha-Terpineol	<LOQ	0.02
beta-Myrcene	0.1	0.03
beta-Pinene	<LOQ	0.03
Borneol	<LOQ	0.02
Camphene	<LOQ	0.02
Camphor	<LOQ	0.02
Caryophyllene oxide	<LOQ	0.03
Cedrene	<LOQ	0.02
Cedrol	<LOQ	0.03
cis-Nerolidol	<LOQ	0.03
cis-Ocimene	<LOQ	0.03
Eucalyptol	<LOQ	0.04
Farnesene	<LOQ	0.04
Fenchol	<LOQ	0.02
Fenchone	<LOQ	0.03
gamma-Terpinene	<LOQ	0.02
gamma-Terpineol	<LOQ	0.02
Geraniol	<LOQ	0.02
Geranyl Acetate	<LOQ	0.03

# Certificate Of Analysis

Guaiol	0.1	0.03
Isoborneol	<LOQ	0.02
Isopulegol	<LOQ	0.03
Limonene	0.3	0.04
Linalool	<LOQ	0.02
Menthol	<LOQ	0.02
Nerol	<LOQ	0.03
Pulegone	<LOQ	0.03
Sabinene	<LOQ	0.02
Sabinene Hydrate	<LOQ	0.02
Terpinolene	<LOQ	0.02
trans-b-Ocimene	<LOQ	0.02
trans-Caryophyllene	0.6	0.03
trans-Nerolidol	<LOQ	0.04
Valencene	<LOQ	0.03
<b>TOTAL</b>	<b>1.3</b>	

*Analysis Instrument*

*29 GC-MS*

V151.6

# Certificate Of Analysis

## Pesticides

**PASS**

**Date analyzed:** 12/26/2023

**Method:** NY.SOP.T.040.270

**Analyst:** Destiny Ribadeneyra

**Date started:** 12/20/2023 04:41 PM

Analyte	Result (µg/g)	LOQ	Allowable Limit	Pass/Fail
Abamectin	<LOQ	0.02	0.5	PASS
Acephate	<LOQ	0.01	0.4	PASS
Acequinocyl	<LOQ	0.02	2	PASS
Acetamiprid	<LOQ	0.01	0.2	PASS
Aldicarb	<LOQ	0.01	0.4	PASS
Azadirachtin	<LOQ	0.02	1	PASS
Azoxystrobin	<LOQ	0.01	0.2	PASS
Bifenazate	<LOQ	0.01	0.2	PASS
Bifenthrin	<LOQ	0	0.2	PASS
Boscalid	<LOQ	0.01	0.4	PASS
Carbaryl	<LOQ	0.01	0.2	PASS
Carbofuran	<LOQ	0.01	0.2	PASS
Chlorantraniliprole	<LOQ	0.01	0.2	PASS
Chlormequat chloride	<LOQ	0.02	1	PASS
Chlorpyrifos	<LOQ	0.01	0.2	PASS
Clofentezine	<LOQ	0.01	0.2	PASS
Daminozide	<LOQ	0	1	PASS
Diazinon	<LOQ	0.01	0.2	PASS
Dichlorvos	<LOQ	0.01	1	PASS
Dimethoate	<LOQ	0.01	0.2	PASS
Dimethomorph	<LOQ	0.01	1	PASS
Ethoprophos	<LOQ	0.01	0.2	PASS
Etofenprox	<LOQ	0	0.4	PASS
Etoxazole	<LOQ	0.01	0.2	PASS
Fenhexamid	<LOQ	0.01	1	PASS

## Certificate Of Analysis

Fenoxycarb	<LOQ	0.01	0.2	PASS
Fenpyroximate	<LOQ	0	0.4	PASS
Flonicamid	<LOQ	0.01	1	PASS
Fludioxonil	<LOQ	0.02	0.4	PASS
Hexythiazox	<LOQ	0	1	PASS
Imidacloprid	<LOQ	0.01	0.4	PASS
Indole-3-butyric acid	<LOQ	0.01	1	PASS
Kresoxim methyl	<LOQ	0.01	0.4	PASS
Malathion	<LOQ	0.01	0.2	PASS
Metalaxyl	<LOQ	0.01	0.2	PASS
Methiocarb	<LOQ	0	0.2	PASS
Methomyl	<LOQ	0.01	0.4	PASS
Mevinphos	<LOQ	0.02	1	PASS
MGK-264	<LOQ	0.01	0.2	PASS
Myclobutanil	<LOQ	0.01	0.2	PASS
Naled	<LOQ	0	0.5	PASS
Oxamyl	<LOQ	0.01	1	PASS
Paclobutrazol	<LOQ	0.01	0.4	PASS
Permethrins, Total	<LOQ	0.01	0.2	PASS
Phosmet	<LOQ	0.01	0.2	PASS
Piperonyl Butoxide	<LOQ	0.01	2	PASS
Prallethrin	<LOQ	0.01	0.2	PASS
Propiconazole	<LOQ	0.01	0.4	PASS
Propoxur	<LOQ	0.01	0.2	PASS
Pyrethrins	<LOQ	0.01	1	PASS
Pyridaben	<LOQ	0.01	0.2	PASS
Spinetoram, Total	<LOQ	0	1	PASS
Spinosad, Total	<LOQ	0.01	0.2	PASS
Spiromesifen	<LOQ	0.01	0.2	PASS
Spirotetramat	<LOQ	0.01	0.2	PASS
Spiroxamine	<LOQ	0	0.2	PASS

## Certificate Of Analysis

Tebuconazole	<LOQ	0.01	0.4	<b>PASS</b>
Thiacloprid	<LOQ	0.01	0.2	<b>PASS</b>
Thiamethoxam	<LOQ	0.01	0.2	<b>PASS</b>
Overall Status				<b>PASS</b>

Analysis Instrument 30 Agilent LS-MS TQ

V144.9

### Filth and Foreign Material

**PASS**

Date analyzed: 12/27/2023

Method: NYS.SOP.T.040.250

Analyst: Destiny Ribadeneyra

Date started: 12/26/2023 02:23 PM

Analyte	Result	LOQ	Allowable Limit	Pass/Fail
Mammalian excreta (mg/lb)	0	0	1	<b>PASS</b>
Stems >3mm in diameter (%)	0	0	5	<b>PASS</b>
Other Foreign Material (%)	0	0	2	<b>PASS</b>
Overall Status				<b>PASS</b>

V142.8

# Certificate Of Analysis

## Microbial Impurities (MDG for STEC, Salmonella, Asp sp.)

**PASS**

Date analyzed: 12/29/2023

Method: NYS.SOP.T.40.273

Analyst: Kristy Lee

Date started: 12/21/2023 09:28 AM

Microbial Species	Microbial Type	Detection Status	Pass/Fail
Shiga toxin-producing Escherichia coli	Bacteria	Not Detected	PASS
Salmonella species	Bacteria	Not Detected	PASS
Aspergillus flavus	Fungal	Not Detected	PASS
Aspergillus niger	Fungal	Not Detected	PASS
Aspergillus terreus	Fungal	Not Detected	PASS
Aspergillus fumigatus	Fungal	Not Detected	PASS
Overall Status			PASS
Analysis Instrument		125 Agilent AriaMx Real-time PCR System	

V182.2

## Microbial Impurities (Total Aerobic Bacteria/CDP-TC)

**PASS**

Date analyzed: 12/28/2023

Method: NYS.SOP.T.040.200

Analyst: Kristy Lee

Date started: 12/20/2023 01:59 PM

Result (CFU/g)	LOQ	Allowable Limit	Pass/Fail
<LOQ	5	N/A	PASS
Analysis Instrument		87 Colony Counter	

V149.7



# Certificate Of Analysis

## Microbial Impurities (Total Yeast and Mold/CDP-YMR)

**PASS**

Date analyzed: 12/29/2023

Method: NYS.SOP.T.040.200

Analyst: Kristy Lee

Date started: 12/20/2023 02:03 PM

Microbial Species	Result (cfu/g)	LOQ	Allowable Limit	Pass/Fail
Mold Count	<LOQ	5	N/A	PASS
Yeast Count	<LOQ	5	N/A	PASS
Total Yeast and Mold	<LOQ		N/A	PASS
			Overall Status	PASS

Analysis Instrument 87 Colony Counter

V150.9

## Moisture Content

**PASS**

Date analyzed: 12/27/2023

Method: NY.SOP.T.040.220

Analyst: Destiny Ribadeneyra

Date started: 12/27/2023 08:21 AM

Result (%)	LOQ	Allowable Limit	Pass/Fail
10.7	0.0	5.0 - 15.0	PASS

Analysis Instrument 4 Moisture Balance

V140.28

# Certificate Of Analysis

## Mycotoxins

**PASS**

**Date analyzed:** 12/29/2023

**Method:** NY.SOP.T.40.180

**Analyst:** Destiny Ribadeneyra

**Date started:** 12/26/2023 07:17 AM

Analyte	Result (µg/g)	LOQ (µg/g)	Allowable Limit	Pass/Fail
Aflatoxin B1	<LOQ	0.001	0.02	PASS
Aflatoxin B2	<LOQ	0.002	0.02	PASS
Aflatoxin G1	<LOQ	0.001	0.02	PASS
Aflatoxin G2	0.011	0.002	0.02	PASS
Sum of Aflatoxins	0.011	-	0.02	PASS
Ochratoxin A	<LOQ	0.002	0.02	PASS
Overall Status				PASS

*Analysis Instrument* 30 LC-MS TQ

V141.3

# Certificate Of Analysis

## Pesticides cont.

**PASS**

**Date analyzed:** 12/26/2023

**Method:** NYS.SOP.T.040.271

**Analyst:** Destiny Ribadeneyra

**Date started:** 12/26/2023 08:28 AM

Analyte	Result (µg/g)	LOQ (µg/g)	Allowable Limit	Pass/Fail
Captan	<LOQ	0.3	1	PASS
Chlordane	<LOQ	0.07	1	PASS
Chlorfenapyr	<LOQ	0.1	1	PASS
Coumaphos	<LOQ	0.19	1	PASS
Cyfluthrin	<LOQ	0.11	1	PASS
Cypermethrin	<LOQ	0.24	1	PASS
Fipronil	<LOQ	0.17	0.4	PASS
Imazalil	<LOQ	0.17	0.2	PASS
Methyl parathion	<LOQ	0.09	0.2	PASS
Pentachloronitrobenzene	<LOQ	0.17	1	PASS
Trifloxystrobin	<LOQ	0.11	0.2	PASS
Overall Status				PASS

Analysis Instrument

141 GC/TQ

V177.7

# Certificate Of Analysis

## Trace Metals

**PASS**

**Date analyzed:** 12/26/2023

**Method:** NY.SOP.T.40.050

**Analyst:** Moni Kaneti

**Date started:** 12/21/2023 07:57 AM

Analyte	Result (µg/g)	LOQ	Allowable Limit	Pass/Fail
Antimony (Sb)	<LOQ	0.13	2	PASS
Arsenic (As)	<LOQ	0.07	0.2	PASS
Cadmium (Cd)	<LOQ	0.06	0.3	PASS
Chromium (Cr)	<LOQ	0.36	110	PASS
Copper (Cu)	<LOQ	0.39	30	PASS
Lead (Pb)	<LOQ	0.08	0.5	PASS
Mercury (Hg)	<LOQ	0.01	0.1	PASS
Nickel (Ni)	<LOQ	0.11	5	PASS
Overall Status				PASS

Analyzed by ICP-MS

V114.33

## Water Activity

**PASS**

**Date analyzed:** 12/27/2023

**Method:** NY.SOP.T.040.210

**Analyst:** Destiny Ribadeneyra

**Date started:** 12/26/2023 03:18 PM

Result (Aw)	LOQ	Allowable Limit	Pass/Fail
0.36	0.25	0.65	PASS

Analysis Instrument

103 Aqualab TDL 2

V131.61

Sample Comment: total batch in grams



**Phyto-farma Labs**  
49 John Hicks Drive  
Warwick, NY 10990  
Permit#: OCM-CPL-2022-00004  
Phone: 845-988-0937

Compliance

## Certificate Of Analysis

*Alicia Caruso-Thomas*

---

Alicia Caruso-Thomas  
Laboratory Director  
12/29/2023