



# Certificate of Analysis

## FOR COMPLIANCE

## PASSED



**Batch #:** 0199635509  
**Production Method:** Ice/Water  
**Total Amount:** 760 units  
**Retail Product Size:** 1 gram  
**Retail Serving Size:** 1 gram  
**Servings:** 1  
**Seed To Sale #:** BioTrack

**Lab ID:** AL51017005-001  
**Sampled Date:** 10/17/25  
**Sample Collection Time:** 11:30 AM  
**Sampling End:** 11:45 AM  
**Sampling Method:** SOP.T.20.010.NY  
**Sample Size:** 10 units  
**Completed:** 10/20/25

### New Roots Gardens

New Roots Gardens LLC  
Voorheesville, NY, 12186, US  
www.newrootsgardens.com  
License #: OCM-MICR-24-000032



### SAFETY RESULTS

### MISC.

								
Pesticide <b>PASSED</b>	Heavy Metals <b>PASSED</b>	Microbial <b>PASSED</b>	Mycotoxins <b>PASSED</b>	Solvents <b>PASSED</b>	Filt/Foreign Material <b>NOT TESTED</b>	Water Activity <b>NOT TESTED</b>	Moisture Content <b>NOT TESTED</b>	Terpenes <b>PASSED</b>



### Cannabinoid

### PASSED



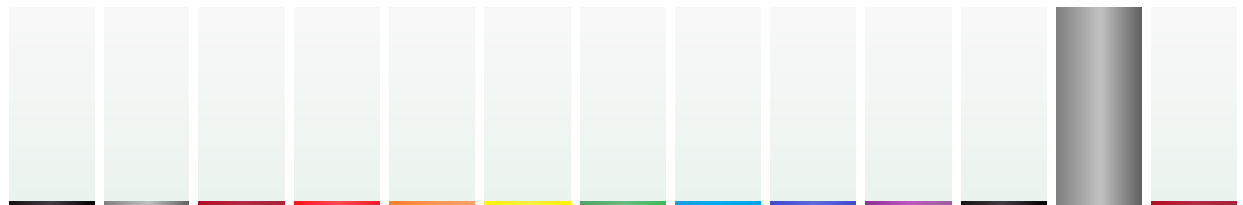
**Total THC**  
**78.1393%**  
Total THC : 781.3928 mg



**Total CBD**  
**0.2622%**  
Total CBD : 2.6222 mg



**Total Cannabinoids**  
**91.6710%**  
Total Cannabinoids/Container :  
916.7100 mg



	(6AR,9R) D10-THC	(6AR,9S) D10-THC	CBC	CBD	CBDA	CBDV	CBG	D8-THC	CBGA	CBN	D9-THC	THCA	THCV
%	<0.1	0.1390	<0.1	<0.1	0.2990	<0.1	0.3780	<0.1	2.0210	<0.1	0.7550	88.0790	<0.1
mg/unit	<1	1.3900	<1	<1	2.9900	<1	3.7800	<1	20.2100	<1	7.5500	880.7900	<1
LOQ	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Qualifier	%	%	%	%	%	%	%	%	%	%	%	%	%

Weight:  
0.1718g

Analysis Method : SOP.T.30.031.NY, SOP.T.40.031.NY  
Analyzed Date : 10/20/25 13:48:15

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**Erica Troy**  
Lab Director

State License # OCM-  
CPL-2022-00006  
ISO 17025 Accreditation #  
97164



Signature  
10/20/25



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Voorheesville, NY, 12186, US  
www.newrootsgardens.com  
License #: OCM-MICR-24-000032

**Sample: AL51017005-001**  
Batch #: 0199635509  
Seed to sale: BioTrack

Ordered: 10/16/25  
Sampled: 10/17/25  
Completed: 10/20/25

**PASSED**



## Label Claim Verification

**PASSED**

ANALYTES	UNIT	LOQ	LIMIT	PASS/FAIL	RESULT	QUALIFIER
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Weight:

Analysis Method : N/A  
Analyzed Date : 10/20/25 13:48:23



## Terpenes

**PASSED**

ANALYTES	UNIT	LOQ	LIMIT	PASS/FAIL	RESULT (%)	(MG/UNIT)	QUALIFIER
TOTAL TERPENES		0.1	11.5	PASS	8.0500	80.5000	
LIMONENE		0.004	10	PASS	2.3600	23.6000	
BETA-CARYOPHYLLENE		0.004	10	PASS	1.7600	17.6000	
BETA-MYRCENE		0.004	10	PASS	1.0800	10.8000	
LINALOOL		0.004	10	PASS	0.9500	9.5000	
ALPHA-HUMULENE		0.004	10	PASS	0.5500	5.5000	
BETA-PINENE		0.004	10	PASS	0.3000	3.0000	
GUAJOL		0.004	10	PASS	0.2400	2.4000	
ALPHA-PINENE		0.004	10	PASS	0.1500	1.5000	
ALPHA-BISABOLOL		0.004	10	PASS	0.1300	1.3000	
ALPHA TERPINEOL		0.004	10	PASS	0.1100	1.1000	
FENCHYL ALCOHOL		0.004	10	PASS	0.1100	1.1000	
GERANIOL		0.004	10	PASS	0.1100	1.1000	
VALENCENE		0.004	10	PASS	0.0800	0.8000	
FARNESENE		0.04	10	PASS	0.0500	0.5000	
CAMPHENE		0.004	10	PASS	0.0400	0.4000	
CARYOPHYLLENE OXIDE		0.004	10	PASS	0.0300	0.3000	
MENTHOL		0.004	10	PASS	<0.004	<0.04	
OCIMENE		0.004	10	PASS	<0.004	<0.04	
TERPINOLENE		0.004	10	PASS	<0.004	<0.04	
ALPHA-PHELLANDRENE		0.004	10	PASS	<0.004	<0.04	
ALPHA-TERPINENE		0.004	10	PASS	<0.004	<0.04	

Weight:  
0.9921g

Analysis Method : SOP.T.30.064.NY, SOP.T.40.064.NY  
Analyzed Date : 10/20/25 13:48:05



## Pesticide

**PASSED**

ANALYTES	UNIT	LOQ	LIMIT	PASS/FAIL	RESULT	QUALIFIER
PRALLETHRIN	ppm	0.1	0.2	PASS	<0.1	
ACEQUINOCYL	ppm	0.1	2	PASS	<0.1	
PYRETHRINS, TOTAL	ppm	0.1	1	PASS	<0.1	
AZADIRACTIN	ppm	0.1	1	PASS	<0.1	
INDOLE-3-BUTYRIC ACID	ppm	0.1	1	PASS	<0.1	
MYCLOBUTANIL	ppm	0.1	0.2	PASS	<0.1	
PIPERONYL BUTOXIDE	ppm	0.1	2	PASS	<0.1	
ABAMECTIN B1A	ppm	0.1	0.5	PASS	<0.1	
ACEPHATE	ppm	0.1	0.4	PASS	<0.1	
ACETAMIPRID	ppm	0.1	0.2	PASS	<0.1	
ALDICARB	ppm	0.1	0.4	PASS	<0.1	
AZOXYSTROBIN	ppm	0.1	0.2	PASS	<0.1	

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**Erica Troy**  
Lab Director

State License # OCM-CPL-2022-00006  
ISO 17025 Accreditation # 97164



Signature  
10/20/25



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New Roots Gardens LLC  
Voorheesville, NY, 12186, US  
www.newrootsgardens.com  
License #: OCM-MICR-24-000032

**Sample: AL51017005-001**  
Batch #: 0199635509  
Seed to sale: BioTrack

Ordered: 10/16/25  
Sampled: 10/17/25  
Completed: 10/20/25

**PASSED**



**Pesticide**

PASSED

ANALYTES	UNIT	LOQ	LIMIT	PASS/FAIL	RESULT	QUALIFIER
CHLORMEQUAT CHLORIDE	ppm	0.1	1	PASS	<0.1	
BIFENAZATE	ppm	0.1	0.2	PASS	<0.1	
BIFENTHRIN	ppm	0.1	0.2	PASS	<0.1	
CARBARYL	ppm	0.1	0.2	PASS	<0.1	
CHLORPYRIFOS	ppm	0.1	0.2	PASS	<0.1	
COUMAPHOS	ppm	0.1	1	PASS	<0.1	
DAMINOZIDE	ppm	0.1	1	PASS	<0.1	
CARBOFURAN	ppm	0.1	0.2	PASS	<0.1	
BOSCALID	ppm	0.1	0.4	PASS	<0.1	
CHLORANTRANILIPROLE	ppm	0.1	0.2	PASS	<0.1	
DIAZINON	ppm	0.1	0.2	PASS	<0.1	
CLOFENTEZINE	ppm	0.1	0.2	PASS	<0.1	
DICHLORVOS	ppm	0.1	1	PASS	<0.1	
DIMETHOATE	ppm	0.1	0.2	PASS	<0.1	
DIMETHOMORPH	ppm	0.1	1	PASS	<0.1	
ETHOPROPHOS	ppm	0.1	0.2	PASS	<0.1	
ETOFENPROX	ppm	0.1	0.4	PASS	<0.1	
ETOXAZOLE	ppm	0.1	0.2	PASS	<0.1	
FENHEXAMID	ppm	0.1	1	PASS	<0.1	
FENOXYCARB	ppm	0.1	0.2	PASS	<0.1	
FENPYROXIMATE	ppm	0.1	0.4	PASS	<0.1	
FIPRONIL	ppm	0.1	0.4	PASS	<0.1	
FLONICAMID	ppm	0.1	1	PASS	<0.1	
FLUDIOXONIL	ppm	0.1	0.4	PASS	<0.1	
HEXYTHIAZOX	ppm	0.1	1	PASS	<0.1	
IMAZALIL	ppm	0.1	0.2	PASS	<0.1	
IMIDACLOPRID	ppm	0.1	0.4	PASS	<0.1	
KRESOXIM METHYL	ppm	0.1	0.4	PASS	<0.1	
MALATHION	ppm	0.1	0.2	PASS	<0.1	
METALAXYL	ppm	0.1	0.2	PASS	<0.1	
METHIOCARB	ppm	0.1	0.2	PASS	<0.1	
METHOMYL	ppm	0.1	0.4	PASS	<0.1	
MEVINPHOS	ppm	0.1	1	PASS	<0.1	
NALED	ppm	0.1	0.5	PASS	<0.1	
OXAMYL	ppm	0.1	1	PASS	<0.1	
PACLOBUTRAZOL	ppm	0.1	0.4	PASS	<0.1	
PERMETHRIN	ppm	0.1	0.2	PASS	<0.1	
PHOSMET	ppm	0.1	0.2	PASS	<0.1	
PROPICONAZOLE	ppm	0.1	0.4	PASS	<0.1	
PROPOXUR	ppm	0.1	0.2	PASS	<0.1	
PYRIDABEN	ppm	0.1	0.2	PASS	<0.1	
SPINETORAM, TOTAL	ppm	0.1	1	PASS	<0.1	
SPINOSAD, TOTAL	ppm	0.1	0.2	PASS	<0.1	
SPIROMESIFEN	ppm	0.1	0.2	PASS	<0.1	
SPIROTETRAMAT	ppm	0.1	0.2	PASS	<0.1	
SPIROXAMINE	ppm	0.1	0.2	PASS	<0.1	
TEBUCONAZOLE	ppm	0.1	0.4	PASS	<0.1	
THIACLOPRID	ppm	0.1	0.2	PASS	<0.1	
THIAMETHOXAM	ppm	0.1	0.2	PASS	<0.1	
TRIFLOXYSTROBIN	ppm	0.1	0.2	PASS	<0.1	
CAPTAN	ppm	0.1	1	PASS	<0.1	
CHLORDANE	ppm	0.1	1	PASS	<0.1	
CHLORFENAPYR	ppm	0.1	1	PASS	<0.1	
CYFLUTHRIN	ppm	0.1	1	PASS	<0.1	
CYPERMETHRIN	ppm	0.1	1	PASS	<0.1	

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Lab Director



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Signature  
10/20/25



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**Sample: AL51017005-001**  
Batch #: 0199635509  
Seed to sale: BioTrack

Ordered: 10/16/25  
Sampled: 10/17/25  
Completed: 10/20/25

**PASSED**



## Pesticide

PASSED

ANALYTES	UNIT	LOQ	LIMIT	PASS/FAIL	RESULT	QUALIFIER
METHYL PARATHION	ppm	0.1	0.2	PASS	<0.1	
MGK-264	ppm	0.1	0.2	PASS	<0.1	
PENTACHLORONITROBENZENE	ppm	0.1	1	PASS	<0.1	

Weight:  
0.4651g

Analysis Method : SOP.T.40.104.NY, SOP.T30.104.NY and SOP.T.40.154.NY  
Analyzed Date : 10/20/25 11:10:57

Weight:  
0.4651g

Analysis Method : SOP.T.40.154.NY  
Analyzed Date : 10/20/25 10:18:16



## Residual Solvents

PASSED

ANALYTES	UNIT	LOQ	LIMIT	PASS/FAIL	RESULT	QUALIFIER
PENTANES, TOTAL	ppm	125	5000	PASS	<125	
HEXANE, TOTAL	ppm	125	290	PASS	<125	
1,1,1-TRICHLOROETHANE	ppm	375	1500	PASS	<375	
DIMETHYL SULFOXIDE	ppm	375	5000	PASS	<375	
1,1,1,2-TETRAFLUOROETHANE	ppm	500	1000	PASS	<500	
XYLENES, TOTAL	ppm	125	2170	PASS	<125	
BUTANES, TOTAL	ppm	750	5000	PASS	<750	
PROPANE	ppm	750	5000	PASS	<750	
1,2-DICHLOROETHANE	ppm	1.25	5	PASS	<1.25	
METHANOL	ppm	125	3000	PASS	<125	
ETHANOL	ppm	125	5000	PASS	<125	
ETHYL ETHER	ppm	125	5000	PASS	<125	
ACETONE	ppm	125	5000	PASS	<125	
2-PROPANOL	ppm	125	5000	PASS	157.6	
ACETONITRILE	ppm	125	410	PASS	<125	
DICHLOROMETHANE	ppm	125	600	PASS	<125	
ETHYL ACETATE	ppm	125	5000	PASS	<125	
BENZENE	ppm	1.25	2	PASS	<1.25	
N-HEPTANE	ppm	125	5000	PASS	<125	
TOLUENE	ppm	125	890	PASS	<125	
CHLOROFORM	ppm	1.25	60	PASS	<1.25	

Weight:  
0.0241g

Analysis Method : SOP.T.40.044.NY  
Analyzed Date : 10/20/25 09:29:59



## Microbial

PASSED

ANALYTES	UNIT	LOQ	LIMIT	PASS/FAIL	RESULT	QUALIFIER
TOTAL AEROBIC BACTERIA	CFU/g	100	10000	PASS	<100	
TOTAL YEAST AND MOLD	CFU/g	100	1000	PASS	<100	
ESCHERICHIA COLI/SHIGELLA SPP.			Not Present	PASS	Not Present	
SALMONELLA SPECIES			Not Present	PASS	Not Present	

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Completed: 10/20/25

**PASSED**




## Microbial

**PASSED**

ANALYTES	UNIT	LOQ	LIMIT	PASS/FAIL	RESULT	QUALIFIER
ASPERGILLUS TERREUS				Not Present	PASS	Not Present
ASPERGILLUS NIGER				Not Present	PASS	Not Present
ASPERGILLUS FLAVUS				Not Present	PASS	Not Present
ASPERGILLUS FUMIGATUS				Not Present	PASS	Not Present

Weight:  
0.9937g

Analysis Method : SOP.T.40.058A.NY, SOP.T.40.058B.NY, SOP.T.40.056C, SOP.T.40.209.NY  
Analyzed Date : 10/20/25 13:39:30



## Mycotoxins

**PASSED**

ANALYTES	UNIT	LOQ	LIMIT	PASS/FAIL	RESULT	QUALIFIER
TOTAL AFLATOXINS (B1, B2, G1, G2)	ppm	0.01	0.02	PASS	<0.01	
AFLATOXIN G2	ppm	0.01	0.02	PASS	<0.01	
AFLATOXIN G1	ppm	0.01	0.02	PASS	<0.01	
AFLATOXIN B2	ppm	0.01	0.02	PASS	<0.01	
AFLATOXIN B1	ppm	0.01	0.02	PASS	<0.01	
OCHRATOXIN A+	ppm	0.01	0.02	PASS	<0.01	

Weight:  
0.4651g

Analysis Method : SOP.T.30.104.NY, SOP.T.40.104.NY  
Analyzed Date : 10/20/25 11:38:41



## Heavy Metals

**PASSED**

ANALYTES	UNIT	LOQ	LIMIT	PASS/FAIL	RESULT	QUALIFIER
ANTIMONY	ug/g	0.1	2	PASS	ND	
ARSENIC	ug/g	0.1	0.2	PASS	<0.1	
CADMIUM	ug/g	0.1	0.2	PASS	<0.1	
CHROMIUM	ug/g	1	110	PASS	<1	
COPPER	ug/g	1	30	PASS	<1	
LEAD	ug/g	0.1	0.5	PASS	<0.1	
MERCURY	ug/g	0.01	0.1	PASS	<0.01	
NICKEL	ug/g	0.1	2	PASS	<0.1	

Weight:  
0.4302g

Analysis Method : SOP.T.30.084.NY, SOP.T.40.084.NY  
Analyzed Date : 10/20/25 09:37:04

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