



Certificate of Analysis

Pages 1 of 5

FOR R&D

TESTED



Harvest/Lot ID:
1A4120300003523000000007,
Batch #: plugplayrd
Production Method: Ethanol
Total Amount: 12 gram
Retail Product Size: 01 gram
Retail Serving Size: 1 gram
Servings: 1
Metrc Package #:
1A41203000035230000000021
Metrc Source Package # :
1A41203000035230000000007,

Lab ID: AL60424005-001
Sampled Date: 04/24/26
Sample Collection Time: 03:50 PM
Sampling End: 04:00 PM
Sampling Method: SOP.T.20.010.NY
Sample Size: 12 gram
Completed: 05/04/26
Manifest #: 0000199156

Dirigo Cannabis

4718 NY-67
Hoosick Falls, NY, 12090, US
License # : OCM-PROC-24-000082

SAFETY RESULTS

MISC.

								
Pesticide TESTED	Heavy Metals TESTED	Microbial TESTED	Mycotoxins TESTED	Solvents TESTED	Filtration/Foreign Material NOT TESTED	Water Activity NOT TESTED	Moisture Content NOT TESTED	Terpenes TESTED



Cannabinoid

TESTED



Total THC
89.6987%
Total THC/Container : 896.9867 mg



Total CBD
0.1799%
Total CBD/Container : 1.7990 mg



Total Cannabinoids
94.9616%
Total Cannabinoids/Container : 949.6160 mg

	(6AR,9R) D10-THC	(6AR,9S) D10-THC	CBC	CBD	CBDA	CBDV	CBG	CBGA	D8-THC	CBN	D9-THC	THCA	THCV
%	ND	0.1142	1.1560	0.1799	ND	ND	2.6798	ND	ND	0.5929	89.5322	0.0596	0.6470
mg/g	ND	1.1420	11.5600	1.7990	ND	ND	26.7980	ND	ND	5.9290	895.3220	0.5960	6.4700
LOQ	0.0020	0.0020	0.0020	0.0020	0.0020	0.0020	0.0020	0.0020	0.0020	0.0020	0.0020	0.0020	0.0020
%	%	%	%	%	%	%	%	%	%	%	%	%	%

Qualifier

Weight:
0.1816g

Analysis Method : SOP.T.30.031.NY, SOP.T.40.031.NY
Analyzed Date : 04/27/26 10:52:03

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Erica Troy
Lab Director

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CPL-2022-00006
ISO 17025 Accreditation #
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Signature
05/04/26
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Certificate of Analysis

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Dirigo Cannabis

4718 NY-67
Hoosick Falls, NY, 12090, US
License # : OCM-PROC-24-000082

Sample: AL60424005-001

Batch #: plugplayrd
Harvest/Lot ID: 1A4120300003523000000007,
Seed to sale: 1A41203000035230000000021

Ordered: 04/24/26
Sampled: 04/24/26
Completed: 05/04/26

TESTED



Label Claim Verification

TESTED

ANALYTES

UNIT LOQ LIMIT PASS/FAIL RESULT QUALIFIER

Weight:

Analysis Method : N/A
Analyzed Date : 04/27/26 10:52:22



Terpenes

TESTED

ANALYTES

LOQ LIMIT PASS/FAIL RESULT (%) (MG/G) QUALIFIER

TOTAL TERPENES	0.1000	11.5	TESTED	0.1200	1.2000	
ALPHA-BISABOLOL	0.0040	10	TESTED	0.1200	1.2000	
ALPHA TERPINEOL	0.0040	10	TESTED	<0.0040	<0.0400	
BETA-CARYOPHYLLENE	0.0040	10	TESTED	<0.0040	<0.0400	
CAMPHENE	0.0040	10	TESTED	<0.0040	<0.0400	
CARYOPHYLLENE OXIDE	0.0040	10	TESTED	<0.0040	<0.0400	
FARNESENE	0.0400	10	TESTED	<0.0400	<0.4000	
FENCHYL ALCOHOL	0.0040	10	TESTED	<0.0040	<0.0400	
GERANIOL	0.0040	10	TESTED	<0.0040	<0.0400	
GUAJOL	0.0040	10	TESTED	<0.0040	<0.0400	
LIMONENE	0.0040	10	TESTED	<0.0040	<0.0400	
LINALOOL	0.0040	10	TESTED	<0.0040	<0.0400	
MENTHOL	0.0040	10	TESTED	<0.0040	<0.0400	
OCIMENE	0.0040	10	TESTED	<0.0040	<0.0400	
TERPINOLENE	0.0040	10	TESTED	<0.0040	<0.0400	
VALENCENE	0.0040	10	TESTED	<0.0040	<0.0400	
ALPHA-HUMULENE	0.0040	10	TESTED	<0.0040	<0.0400	
ALPHA-PHELLANDRENE	0.0040	10	TESTED	<0.0040	<0.0400	
ALPHA-PINENE	0.0040	10	TESTED	<0.0040	<0.0400	
ALPHA-TERPINENE	0.0040	10	TESTED	<0.0040	<0.0400	
BETA-MYRCENE	0.0040	10	TESTED	<0.0040	<0.0400	
BETA-PINENE	0.0040	10	TESTED	<0.0040	<0.0400	

Weight:

0.427g
Analysis Method : SOP.T.30.064.NY, SOP.T.40.064.NY
Analyzed Date : 05/04/26 13:19:10



Pesticide

TESTED

ANALYTES

UNIT LOQ LIMIT PASS/FAIL RESULT QUALIFIER

PRALLETHRIN	ppm	0.1000	0.2	TESTED	<0.1000	
ACEQUINOCYL	ppm	0.1000	2	TESTED	<0.1000	
PYRETHRINS, TOTAL	ppm	0.1000	1	TESTED	<0.1000	
AZADIRACHTIN	ppm	0.1000	1	TESTED	<0.1000	
INDOLE-3-BUTYRIC ACID	ppm	0.1000	1	TESTED	<0.1000	
MYCLOBUTANIL	ppm	0.1000	0.2	TESTED	<0.1000	
PIPERONYL BUTOXIDE	ppm	0.1000	2	TESTED	<0.1000	
ABAMECTIN B1A	ppm	0.1000	0.5	TESTED	<0.1000	
ACEPHATE	ppm	0.1000	0.4	TESTED	<0.1000	
ACETAMIPRID	ppm	0.1000	0.2	TESTED	<0.1000	
ALDICARB	ppm	0.1000	0.4	TESTED	<0.1000	

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Erica Troy
Lab Director

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Erica Troy

Signature
05/04/26
Laboratory License #: OCM-
CPL-24-00006-L1



1 Winners Circle
Albany, NY, 12205, US
(833) 465-8378

Kaycha Labs

Concentrate - Distillate
Matrix: Derivative
Classification: Concentrates / Extracts (Bulk)
Type: Distillate



Certificate of Analysis

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Dirigo Cannabis

4718 NY-67
Hoosick Falls, NY, 12090, US
License # : OCM-PROC-24-000082

Sample: AL60424005-001

Batch #: plugplayrd
Harvest/Lot ID: 1A4120300003523000000007,
Seed to sale: 1A41203000035230000000021

Ordered: 04/24/26
Sampled: 04/24/26
Completed: 05/04/26

TESTED



Pesticide

TESTED

ANALYTES	UNIT	LOQ	LIMIT	PASS/FAIL	RESULT	QUALIFIER
AZOXYSTROBIN	ppm	0.1000	0.2	TESTED	<0.1000	
CHLORMEQUAT CHLORIDE	ppm	0.1000	1	TESTED	<0.1000	
BIFENAZATE	ppm	0.1000	0.2	TESTED	<0.1000	
BIFENTHRIN	ppm	0.1000	0.2	TESTED	<0.1000	
CARBARYL	ppm	0.1000	0.2	TESTED	<0.1000	
CHLORPYRIFOS	ppm	0.1000	0.2	TESTED	<0.1000	
COUMAPHOS	ppm	0.1000	1	TESTED	<0.1000	
DAMINOZIDE	ppm	0.1000	1	TESTED	<0.1000	
CARBOFURAN	ppm	0.1000	0.2	TESTED	<0.1000	
BOSCALID	ppm	0.1000	0.4	TESTED	<0.1000	
CHLORANTRANILIPROLE	ppm	0.1000	0.2	TESTED	<0.1000	
DIAZINON	ppm	0.1000	0.2	TESTED	<0.1000	
CLOFENTEZINE	ppm	0.1000	0.2	TESTED	<0.1000	
DICHLORVOS	ppm	0.1000	1	TESTED	<0.1000	
DIMETHOATE	ppm	0.1000	0.2	TESTED	<0.1000	
DIMETHOMORPH	ppm	0.1000	1	TESTED	<0.1000	
ETHOPROPHOS	ppm	0.1000	0.2	TESTED	<0.1000	
ETOFENPROX	ppm	0.1000	0.4	TESTED	<0.1000	
ETOXAZOLE	ppm	0.1000	0.2	TESTED	<0.1000	
FENHEXAMID	ppm	0.1000	1	TESTED	<0.1000	
FENOXYCARB	ppm	0.1000	0.2	TESTED	<0.1000	
FENPYROXIMATE	ppm	0.1000	0.4	TESTED	<0.1000	
FIPRONIL	ppm	0.1000	0.4	TESTED	<0.1000	
FLONICAMID	ppm	0.1000	1	TESTED	<0.1000	
FLUDIOXONIL	ppm	0.1000	0.4	TESTED	<0.1000	
HEXYTHIAZOX	ppm	0.1000	1	TESTED	<0.1000	
IMAZALIL	ppm	0.1000	0.2	TESTED	<0.1000	
IMIDACLOPRID	ppm	0.1000	0.4	TESTED	<0.1000	
KRESOXIM METHYL	ppm	0.1000	0.4	TESTED	<0.1000	
MALATHION	ppm	0.1000	0.2	TESTED	<0.1000	
METALAXYL	ppm	0.1000	0.2	TESTED	<0.1000	
METHIOCARB	ppm	0.1000	0.2	TESTED	<0.1000	
METHOMYL	ppm	0.1000	0.4	TESTED	<0.1000	
MEVINPHOS	ppm	0.1000	1	TESTED	<0.1000	
NALED	ppm	0.1000	0.5	TESTED	<0.1000	
OXAMYL	ppm	0.1000	1	TESTED	<0.1000	
PACLOBUTRAZOL	ppm	0.1000	0.4	TESTED	<0.1000	
PERMETHRIN	ppm	0.1000	0.2	TESTED	<0.1000	
PHOSMET	ppm	0.1000	0.2	TESTED	<0.1000	
PROPICONAZOLE	ppm	0.1000	0.4	TESTED	<0.1000	
PROPOXUR	ppm	0.1000	0.2	TESTED	<0.1000	
PYRIDABEN	ppm	0.1000	0.2	TESTED	<0.1000	
SPINETORAM, TOTAL	ppm	0.1000	1	TESTED	<0.1000	
SPINOSAD, TOTAL	ppm	0.1000	0.2	TESTED	<0.1000	
SPIROMESIFEN	ppm	0.1000	0.2	TESTED	<0.1000	
SPIROTETRAMAT	ppm	0.1000	0.2	TESTED	<0.1000	
SPIROXAMINE	ppm	0.1000	0.2	TESTED	<0.1000	
TEBUCONAZOLE	ppm	0.1000	0.4	TESTED	<0.1000	
THIACLOPRID	ppm	0.1000	0.2	TESTED	<0.1000	
THIAMETHOXAM	ppm	0.1000	0.2	TESTED	<0.1000	
TRIFLOXYSTROBIN	ppm	0.1000	0.2	TESTED	<0.1000	
CAPTAN	ppm	0.1000	1	TESTED	<0.1000	
CHLORDANE	ppm	0.1000	1	TESTED	<0.1000	
CHLORFENAPYR	ppm	0.1000	1	TESTED	<0.1000	

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Sample: AL60424005-001

Batch #: plugplayrd
Harvest/Lot ID: 1A4120300003523000000007,
Seed to sale: 1A41203000035230000000021

Ordered: 04/24/26
Sampled: 04/24/26
Completed: 05/04/26

TESTED

Pesticide TESTED

ANALYTES	UNIT	LOQ	LIMIT	PASS/FAIL	RESULT	QUALIFIER
CYFLUTHRIN	ppm	0.1000	1	TESTED	<0.1000	
CYPERMETHRIN	ppm	0.1000	1	TESTED	<0.1000	
METHYL PARATHION	ppm	0.1000	0.2	TESTED	<0.1000	
MGK-264	ppm	0.1000	0.2	TESTED	<0.1000	
PENTACHLORONITROBENZENE	ppm	0.1000	1	TESTED	<0.1000	

Weight:
0.3085g

Analysis Method : SOP.T.40.104.NY, SOP.T30.104.NY and SOP.T.40.154.NY
Analyzed Date : 05/03/26 09:48:41

Weight:
0.3085g

Analysis Method : SOP.T.40.154.NY
Analyzed Date : 05/03/26 09:43:05

Residual Solvents TESTED

ANALYTES	UNIT	LOQ	LIMIT	PASS/FAIL	RESULT	QUALIFIER
PENTANES, TOTAL	ppm	125.0	5000	TESTED	<125.0	
HEXANE, TOTAL	ppm	125.0	290	TESTED	<125.0	
1,1,1-TRICHLOROETHANE	ppm	375.0	1500	TESTED	<375.0	
DIMETHYL SULFOXIDE	ppm	375.0	5000	TESTED	<375.0	
1,1,1,2-TETRAFLUOROETHANE	ppm	500.0	1000	TESTED	<500.0	
XYLENES, TOTAL	ppm	125.0	2170	TESTED	<125.0	
BUTANES, TOTAL	ppm	750.0	5000	TESTED	<750.0	
PROPANE	ppm	750.0	5000	TESTED	<750.0	
1,2-DICHLOROETHANE	ppm	1.2	5	TESTED	<1.2	
METHANOL	ppm	125.0	3000	TESTED	<125.0	
ETHANOL	ppm	125.0	5000	TESTED	<125.0	
ETHYL ETHER	ppm	125.0	5000	TESTED	<125.0	
ACETONE	ppm	125.0	5000	TESTED	<125.0	
2-PROPANOL	ppm	125.0	5000	TESTED	<125.0	
ACETONITRILE	ppm	125.0	410	TESTED	<125.0	
DICHLOROMETHANE	ppm	125.0	600	TESTED	<125.0	
ETHYL ACETATE	ppm	125.0	5000	TESTED	<125.0	
BENZENE	ppm	1.2	2	TESTED	<1.2	
N-HEPTANE	ppm	125.0	5000	TESTED	<125.0	
TOLUENE	ppm	125.0	890	TESTED	<125.0	
CHLOROFORM	ppm	1.2	60	TESTED	<1.2	

Weight:
0.0229g

Analysis Method : SOP.T.40.044.NY
Analyzed Date : 05/01/26 09:50:21

Microbial TESTED

ANALYTES	UNIT	LOQ	LIMIT	PASS/FAIL	RESULT	QUALIFIER
TOTAL AEROBIC BACTERIA	CFU/g	10	10000	TESTED	ND	

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Sample: AL60424005-001

Batch #: plugplayrd
Harvest/Lot ID: 1A4120300003523000000007,
Seed to sale: 1A41203000035230000000021

Ordered: 04/24/26
Sampled: 04/24/26
Completed: 05/04/26

TESTED

Microbial TESTED

ANALYTES	UNIT	LOQ	LIMIT	PASS/FAIL	RESULT	QUALIFIER
TOTAL YEAST AND MOLD	CFU/g	10	1000	TESTED	ND	
ESCHERICHIA COLI/SHIGELLA SPP.			Not Present	TESTED	Not Present	
SALMONELLA SPECIES			Not Present	TESTED	Not Present	
ASPERGILLUS FLAVUS			Not Present	TESTED	Not Present	
ASPERGILLUS FUMIGATUS			Not Present	TESTED	Not Present	
ASPERGILLUS NIGER			Not Present	TESTED	Not Present	
ASPERGILLUS TERREUS			Not Present	TESTED	Not Present	

Weight:
0.89g

Analysis Method : SOP.T.40.058A.NY, SOP.T.40.058B.NY, SOP.T.40.056C, SOP.T.40.209.NY
Analyzed Date : 04/29/26 14:10:27

Mycotoxins TESTED

ANALYTES	UNIT	LOQ	LIMIT	PASS/FAIL	RESULT	QUALIFIER
TOTAL AFLATOXINS (B1, B2, G1, G2)	ppm	0.0100	0.02	TESTED	<0.0100	
AFLATOXIN G2	ppm	0.0100	0.02	TESTED	<0.0100	
AFLATOXIN G1	ppm	0.0100	0.02	TESTED	<0.0100	
AFLATOXIN B2	ppm	0.0100	0.02	TESTED	<0.0100	
AFLATOXIN B1	ppm	0.0100	0.02	TESTED	<0.0100	
OCHRATOXIN A+	ppm	0.0100	0.02	TESTED	<0.0100	

Weight:
0.3085g

Analysis Method : SOP.T.30.104.NY, SOP.T.40.104.NY
Analyzed Date : 05/03/26 09:45:25

Heavy Metals TESTED

ANALYTES	UNIT	LOQ	LIMIT	PASS/FAIL	RESULT	QUALIFIER
ANTIMONY	ug/g	0.1000	2	TESTED	<0.1000	
ARSENIC	ug/g	0.1000	0.2	TESTED	<0.1000	
CADMIUM	ug/g	0.1000	0.2	TESTED	<0.1000	
CHROMIUM	ug/g	1.0000	110	TESTED	<1.0000	
COPPER	ug/g	1.0000	30	TESTED	<1.0000	
LEAD	ug/g	0.1000	0.5	TESTED	<0.1000	
MERCURY	ug/g	0.0100	0.1	TESTED	<0.0100	
NICKEL	ug/g	0.1000	2	TESTED	<0.1000	

Weight:
0.5205g

Analysis Method : SOP.T.30.084.NY, SOP.T.40.084.NY
Analyzed Date : 04/29/26 10:00:44

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