

Certificate of Analysis

Powered by Confident Cannabis

Mid American Growers

14240 Greenhouse Avenue Granville, IL 61326 jordan@midamg.com (805) 252-7675 Lic. #1200-149

Sample: 2003CNS0344.1757

Strain: LAI-HLG ND DISTILLATE

Sample Received: 03/25/2020; Report Created: 03/31/2020

LAI-HLG ND DISTILLATE

Concentrates & Extracts. Distillate Harvest Process Lot: ; METRC Batch: ; METRC Sample:





Safety

Pass	Pass	Pass	Not Tested
Pesticides	Microbials	Mycotoxins	
Pass Solvents	Pass Metals	Pass Foreign Matter	NT Water Activity

Cannabinoids

ND	84.6840%	ND	NT
Total THC	Total CBD	Δ9-ТНС	Moisture

Analyte	LOQ	Mass	Mass
	%	%	mg/g
CBDV	0.0700	<loq< td=""><td><loq< td=""></loq<></td></loq<>	<loq< td=""></loq<>
THCV	0.0700	<loq< td=""><td><loq< td=""></loq<></td></loq<>	<loq< td=""></loq<>
CBD	0.2000	84.6840	846.840
CBG	0.0700	1.4170	14.170
CBDa	0.2000	<loq< td=""><td><loq< td=""></loq<></td></loq<>	<loq< td=""></loq<>
CBGa	0.0700	<loq< td=""><td><loq< td=""></loq<></td></loq<>	<loq< td=""></loq<>
CBN	0.0700	<loq< td=""><td><loq< td=""></loq<></td></loq<>	<loq< td=""></loq<>
Δ9-THC	0.2000	<loq< td=""><td><loq< td=""></loq<></td></loq<>	<loq< td=""></loq<>
Δ8-THC	0.0700	<loq< td=""><td><loq< td=""></loq<></td></loq<>	<loq< td=""></loq<>
CBC	0.0700	<loq< td=""><td><loq< td=""></loq<></td></loq<>	<loq< td=""></loq<>
THCa	0.2000	<loq< td=""><td><loq< td=""></loq<></td></loq<>	<loq< td=""></loq<>
CBCa	0.0700	<loq< td=""><td><loq< td=""></loq<></td></loq<>	<loq< td=""></loq<>
Total		86.1010	861.010

Total THC = THCa * $0.877 + \Delta 9$ -THC + $\Delta 8$ -THC. Total CBD = CBDa * 0.877 + CBD. LOQ = Limit of Quantitation; ND = Not Detectable, NR = Not Reported, NT = Not Tested. Unless otherwise stated all quality control samples performed within specifications established by the Laboratory. Notes:

Ierpenes	

Analyte	LOQ	Mass	Mass
	mg/g	mg/g	%
d-3-Carene	0.100	<0.100	< 0.0100
α-Bisabolol	0.100	<0.100	< 0.0100
α-Humulene	0.100	<0.100	< 0.0100
α-Pinene	0.100	<0.100	< 0.0100
α-Terpinene	0.100	<0.100	< 0.0100
β-Caryophyllene	0.100	<0.100	< 0.0100
β-Myrcene	0.100	<0.100	< 0.0100
β-Pinene	0.100	<0.100	< 0.0100
Camphene	0.100	<0.100	<0.0100
Caryophyllene Oxide	0.100	<0.100	<0.0100
cis-Nerolidol	0.100	<0.100	<0.0100
δ-Limonene	0.100	<0.100	< 0.0100
Eucalyptol	0.100	<0.100	< 0.0100
y-Terpinene	0.100	<0.100	<0.0100
Guaiol	0.100	<0.100	< 0.0100
Linalool	0.100	<0.100	< 0.0100
a-Ocimene	0.100	<0.100	< 0.0100
p-Cymene	0.100	<0.100	< 0.0100
Terpinolene	0.100	<0.100	< 0.0100
trans-Nerolidol	0.100	<0.100	< 0.0100
b-Ocimene	0.100	<0.100	< 0.0100
Total		0.000	0

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LAI-HLG ND DISTILLATE

Concentrates & Extracts, Distillate Harvest Process Lot: ; METRC Batch: ; METRC Sample:



PPM	Pesticides				Pass
Abamectin 0.010 0.200 ND Pass Acequinocyl Acequinocyl 0.010 4.000 ND Pass Beta-Cyfluthrin Beta-Cyfluthrin 0.050 2.000 ND Pass Bifenazate Bifenthrin 0.010 0.400 ND Pass Dass Daminozide 0.010 1.000 ND Pass Daminozide 0.020 0.800 ND Pass Daminozide 0.020 0.800 ND Pass Daminozide 0.010 2.000 ND Pass Daminozide 0.010 0.010 ND Pass Daminozide 0.010 0.000 ND Pass Daminozide 0.010 0.000 ND Pass Daminozide 0.010 0.400 ND Pass Dass Dass Dass Dass Dass Dass Dass	Analyte	LOQ	Limit	Mass	Status
Acequinocyl 0.010 4.000 ND Pass Beta-Cyfluthrin 0.050 2.000 ND Pass Bifenazate 0.010 0.400 ND Pass Bifenthrin 0.010 0.100 ND Pass Cypermethrin 0.010 1.000 ND Pass Daminozide 0.020 0.800 ND Pass Dimethomorph 0.010 2.000 ND Pass Dimethomorph 0.010 0.400 ND Pass Etoxazole 0.010 0.400 ND Pass Fenhexamid 0.010 1.000 ND Pass Fludioxonil 0.010 1.000 ND Pass Fludioxonil 0.010 0.500 ND Pass Myclobutanil 0.010 0.500 ND Pass Myclobutanil 0.010 0.400 ND Pass Piperonyl Butoxide 0.010 3.000 ND Pass		PPM	PPM	PPM	
Beta-Cyfluthrin 0.050 2.000 ND Pass Bifenazate 0.010 0.400 ND Pass Bifenthrin 0.010 0.100 ND Pass Cypermethrin 0.010 1.000 ND Pass Daminozide 0.020 0.800 ND Pass Dimethomorph 0.010 2.000 ND Pass Etoxazole 0.010 0.400 ND Pass Fenhexamid 0.010 1.000 ND Pass Flonicamid 0.010 1.000 ND Pass Fludioxonil 0.010 0.500 ND Pass Myclobutanil 0.010 0.500 ND Pass Paclobutrazol 0.010 0.400 ND Pass Piperonyl Butoxide 0.010 3.000 ND Pass Pyrethrins 0.010 2.000 ND Pass Spinetoram 0.010 1.000 ND Pass <td>Abamectin</td> <td>0.010</td> <td>0.200</td> <td>ND</td> <td>Pass</td>	Abamectin	0.010	0.200	ND	Pass
Bifenazate 0.010 0.400 ND Pass Bifenthrin 0.010 0.100 ND Pass Cypermethrin 0.010 1.000 ND Pass Daminozide 0.020 0.800 ND Pass Dimethomorph 0.010 2.000 ND Pass Etoxazole 0.010 0.400 ND Pass Fenhexamid 0.010 1.000 ND Pass Flonicamid 0.010 1.000 ND Pass Fludioxonil 0.010 0.500 ND Pass Imidacloprid 0.010 0.500 ND Pass Myclobutanil 0.010 0.400 ND Pass Paclobutrazol 0.010 0.400 ND Pass Piperonyl Butoxide 0.010 3.000 ND Pass Pyrethrins 0.010 2.000 ND Pass Spinetoram 0.010 1.000 ND Pass	Acequinocyl	0.010	4.000	ND	Pass
Bifenthrin 0.010 0.100 ND Pass Cypermethrin 0.010 1.000 ND Pass Daminozide 0.020 0.800 ND Pass Dimethomorph 0.010 2.000 ND Pass Etoxazole 0.010 0.400 ND Pass Fenhexamid 0.010 1.000 ND Pass Flonicamid 0.010 1.000 ND Pass Fludioxonil 0.010 0.500 ND Pass Imidacloprid 0.010 0.500 ND Pass Myclobutanil 0.010 0.400 ND Pass Paclobutrazol 0.010 0.400 ND Pass Piperonyl Butoxide 0.010 3.000 ND Pass Pyrethrins 0.010 2.000 ND Pass Spinetoram 0.050 0.800 ND Pass Spinetoram 0.010 1.000 ND Pass	Beta-Cyfluthrin	0.050	2.000	ND	Pass
Cypermethrin 0.010 1.000 ND Pass Daminozide 0.020 0.800 ND Pass Dimethomorph 0.010 2.000 ND Pass Etoxazole 0.010 0.400 ND Pass Fenhexamid 0.010 1.000 ND Pass Flonicamid 0.010 1.000 ND Pass Fludioxonil 0.010 0.500 ND Pass Imidacloprid 0.010 0.500 ND Pass Myclobutanil 0.010 0.400 ND Pass Paclobutrazol 0.010 0.400 ND Pass Piperonyl Butoxide 0.010 3.000 ND Pass Pyrethrins 0.010 2.000 ND Pass Quintozene 0.050 0.800 ND Pass Spinetoram 0.010 1.000 ND Pass Spinosad 0.010 1.000 ND Pass	Bifenazate	0.010	0.400	ND	Pass
Daminozide 0.020 0.800 ND Pass Dimethomorph 0.010 2.000 ND Pass Etoxazole 0.010 0.400 ND Pass Fenhexamid 0.010 1.000 ND Pass Flonicamid 0.010 1.000 ND Pass Fludioxonil 0.010 0.500 ND Pass Imidacloprid 0.010 0.500 ND Pass Myclobutanil 0.010 0.400 ND Pass Paclobutrazol 0.010 0.400 ND Pass Piperonyl Butoxide 0.010 3.000 ND Pass Pyrethrins 0.010 2.000 ND Pass Quintozene 0.050 0.800 ND Pass Spinetoram 0.010 1.000 ND Pass Spirotetramat 0.010 1.000 ND Pass Thiamethoxam 0.010 0.400 ND Pass <td>Bifenthrin</td> <td>0.010</td> <td>0.100</td> <td>ND</td> <td>Pass</td>	Bifenthrin	0.010	0.100	ND	Pass
Dimethomorph 0.010 2.000 ND Pass Etoxazole 0.010 0.400 ND Pass Fenhexamid 0.010 1.000 ND Pass Flonicamid 0.010 1.000 ND Pass Fludioxonil 0.010 0.500 ND Pass Imidacloprid 0.010 0.500 ND Pass Myclobutanil 0.010 0.400 ND Pass Paclobutrazol 0.010 0.400 ND Pass Piperonyl Butoxide 0.010 3.000 ND Pass Pyrethrins 0.010 2.000 ND Pass Quintozene 0.050 0.800 ND Pass Spinetoram 0.010 1.000 ND Pass Spirotetramat 0.010 1.000 ND Pass Thiamethoxam 0.010 0.400 ND Pass	Cypermethrin	0.010	1.000	ND	Pass
Etoxazole 0.010 0.400 ND Pass Fenhexamid 0.010 1.000 ND Pass Flonicamid 0.010 1.000 ND Pass Fludioxonil 0.010 0.500 ND Pass Imidacloprid 0.010 0.500 ND Pass Myclobutanil 0.010 0.400 ND Pass Paclobutrazol 0.010 0.400 ND Pass Piperonyl Butoxide 0.010 3.000 ND Pass Pyrethrins 0.010 2.000 ND Pass Quintozene 0.050 0.800 ND Pass Spinetoram 0.010 1.000 ND Pass Spirotetramat 0.010 1.000 ND Pass Thiamethoxam 0.010 0.400 ND Pass	Daminozide	0.020	0.800	ND	Pass
Fenhexamid 0.010 1.000 ND Pass Flonicamid 0.010 1.000 ND Pass Fludioxonil 0.010 0.500 ND Pass Imidacloprid 0.010 0.500 ND Pass Myclobutanil 0.010 0.400 ND Pass Paclobutrazol 0.010 0.400 ND Pass Piperonyl Butoxide 0.010 3.000 ND Pass Pyrethrins 0.010 2.000 ND Pass Quintozene 0.050 0.800 ND Pass Spinetoram 0.010 1.000 ND Pass Spirotetramat 0.010 1.000 ND Pass Thiamethoxam 0.010 0.400 ND Pass	Dimethomorph	0.010	2.000	ND	Pass
Flonicamid 0.010 1.000 ND Pass Fludioxonil 0.010 0.500 ND Pass Imidacloprid 0.010 0.500 ND Pass Myclobutanil 0.010 0.400 ND Pass Paclobutrazol 0.010 0.400 ND Pass Piperonyl Butoxide 0.010 3.000 ND Pass Pyrethrins 0.010 2.000 ND Pass Quintozene 0.050 0.800 ND Pass Spinetoram 0.010 1.000 ND Pass Spinosad 0.010 1.000 ND Pass Spirotetramat 0.010 1.000 ND Pass Thiamethoxam 0.010 0.400 ND Pass	Etoxazole	0.010	0.400	ND	Pass
Fludioxonil 0.010 0.500 ND Pass Imidacloprid 0.010 0.500 ND Pass Myclobutanil 0.010 0.400 ND Pass Paclobutrazol 0.010 0.400 ND Pass Piperonyl Butoxide 0.010 3.000 ND Pass Pyrethrins 0.010 2.000 ND Pass Quintozene 0.050 0.800 ND Pass Spinetoram 0.010 1.000 ND Pass Spinosad 0.010 1.000 ND Pass Spirotetramat 0.010 1.000 ND Pass Thiamethoxam 0.010 0.400 ND Pass	Fenhexamid	0.010	1.000	ND	Pass
Imidacloprid 0.010 0.500 ND Pass Myclobutanil 0.010 0.400 ND Pass Paclobutrazol 0.010 0.400 ND Pass Piperonyl Butoxide 0.010 3.000 ND Pass Pyrethrins 0.010 2.000 ND Pass Quintozene 0.050 0.800 ND Pass Spinetoram 0.010 1.000 ND Pass Spinosad 0.010 1.000 ND Pass Spirotetramat 0.010 1.000 ND Pass Thiamethoxam 0.010 0.400 ND Pass	Flonicamid	0.010	1.000	ND	Pass
Myclobutanil 0.010 0.400 ND Pass Paclobutrazol 0.010 0.400 ND Pass Piperonyl Butoxide 0.010 3.000 ND Pass Pyrethrins 0.010 2.000 ND Pass Quintozene 0.050 0.800 ND Pass Spinetoram 0.010 1.000 ND Pass Spinosad 0.010 1.000 ND Pass Spirotetramat 0.010 1.000 ND Pass Thiamethoxam 0.010 0.400 ND Pass	Fludioxonil	0.010	0.500	ND	Pass
Paclobutrazol 0.010 0.400 ND Pass Piperonyl Butoxide 0.010 3.000 ND Pass Pyrethrins 0.010 2.000 ND Pass Quintozene 0.050 0.800 ND Pass Spinetoram 0.010 1.000 ND Pass Spinosad 0.010 1.000 ND Pass Spirotetramat 0.010 1.000 ND Pass Thiamethoxam 0.010 0.400 ND Pass	Imidacloprid	0.010	0.500	ND	Pass
Piperonyl Butoxide 0.010 3.000 ND Pass Pyrethrins 0.010 2.000 ND Pass Quintozene 0.050 0.800 ND Pass Spinetoram 0.010 1.000 ND Pass Spinosad 0.010 1.000 ND Pass Spirotetramat 0.010 1.000 ND Pass Thiamethoxam 0.010 0.400 ND Pass	Myclobutanil	0.010	0.400	ND	Pass
Pyrethrins 0.010 2.000 ND Pass Quintozene 0.050 0.800 ND Pass Spinetoram 0.010 1.000 ND Pass Spinosad 0.010 1.000 ND Pass Spirotetramat 0.010 1.000 ND Pass Thiamethoxam 0.010 0.400 ND Pass	Paclobutrazol	0.010	0.400	ND	Pass
Quintozene 0.050 0.800 ND Pass Spinetoram 0.010 1.000 ND Pass Spinosad 0.010 1.000 ND Pass Spirotetramat 0.010 1.000 ND Pass Thiamethoxam 0.010 0.400 ND Pass	Piperonyl Butoxide	0.010	3.000	ND	Pass
Spinetoram 0.010 1.000 ND Pass Spinosad 0.010 1.000 ND Pass Spirotetramat 0.010 1.000 ND Pass Thiamethoxam 0.010 0.400 ND Pass	Pyrethrins	0.010	2.000	ND	Pass
Spinosad 0.010 1.000 ND Pass Spirotetramat 0.010 1.000 ND Pass Thiamethoxam 0.010 0.400 ND Pass	Quintozene	0.050	0.800	ND	Pass
Spirotetramat 0.010 1.000 ND Pass Thiamethoxam 0.010 0.400 ND Pass	Spinetoram	0.010	1.000	ND	Pass
Thiamethoxam 0.010 0.400 ND Pass	Spinosad	0.010	1.000	ND	Pass
	Spirotetramat	0.010	1.000	ND	Pass
Trifloxystrobin 0.010 1.000 ND Pass	Thiamethoxam	0.010	0.400	ND	Pass
	Trifloxystrobin	0.010	1.000	ND	Pass

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Microbials			Pass
Analyte	Limit	Mass	Status
	CFU/g	CFU/g	
Shiga toxin-producing E. coli	ND in 1g	NĎ	Pass
Salmonella	ND in 1g	ND	Pass
Aspergillus (niger, terreus, flavus, fumigatus)	ND in 1g	ND	Pass
Total yeast & mold	1000	ND	Pass
Bile-Tolerant Gram-Negative Bacteria	100	ND	Pass

TNTC = Too Numerous to Count; Unless otherwise stated all quality control samples performed within specifications established by the Laboratory. Counts over 20,000 are estimates for Bile-Tolerant Gram-Negative Bacteria and Total coliforms. Counts over 40,000 are estimates for Yeast & Mold.ND = Not Detectable, NR = Not Reported, NT = Not Tested Notes:

Residual Solvents			l	Pass
Analyte	LOQ	Limit	Mass	Status
	PPM	PPM	PPM	
Acetonitrile	50.000	410.000	ND	Pass
n-Butane	50.000	500.000	ND	Pass
Ethanol	50.000	5000.000	ND	Pass
Heptanes	50.000	500.000	ND	Pass
Isobutane	50.000	500.000	ND	Pass
Methanol	50.000	3000.000	ND	Pass
n-Hexane	50.000	290.000	ND	Pass
Propane	50.000	500.000	ND	Pass

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Heavy Metals				Pass
Analyte	LOQ	Limit	Mass	Status
	PPB	PPB	PPB	
Arsenic	250.000	2000.000	<loq< th=""><th>Pass</th></loq<>	Pass
Cadmium	250.000	820.000	<loq< th=""><th>Pass</th></loq<>	Pass
Lead	250.000	1200.000	<loq< th=""><th>Pass</th></loq<>	Pass
Mercury	25.000	400.000	<loq< th=""><th>Pass</th></loq<>	Pass

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Mycotoxins Pass

Analyte	LOQ	Limit	Mass	Status
	PPB	PPB	PPB	
Aflatoxins	10.00	20.00	ND	Pass
Ochratoxin A	10.00	20.00	ND	Pass

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