2 RIVER LABS, INC // 3951 PERFORMANCE DR, SUITE C SACRAMENTO CA 95838 // PH: 916-251-0945
CA LICENSE #: C8-0000072-LIC

CERTIFICATE OF ANALYSIS

PRODUCED: NOV 11, 2024

SAMPLE: MGL | SUPER SONIC (FLOWER) // **CLIENT**: MENDOCINO GRASSLANDS // **BATCH**: PASS

BATCH ID: MGL1124-SS
METRC SOURCE UID: 1A406030000607F000018132
MATRIX: FLOWER
CATEGORY: INHALABLE
SAMPLE ID: 2RL-241107-070
COLLECTED ON: NOV 07, 2024
RECEIVED ON: NOV 07, 2024
BATCH/SAMPLE SIZE: 21556 G / 76.4 G
SAMPLED BY: JAMES ALEMAN
RECEIVED BY: ALFRED VAN MYERS

CANNABINOID OVERVIEW

TOTAL THC:	**21.7 %**
TOTAL CBD:	**0.0339 %**
TOTAL CANNABINOIDS:	**21.9 %**
SUM OF CANNABINOIDS:	**24.9356 %**

CULTIVATOR INFO

CULTIVATOR
MENDOCINO GRASSLANDS I
800 HENSLEY CREEK RD
UNINCORPORATED, CA 95482

LICENSE
CCL18-0003172
ADULT-USE - CULTIVATOR LICENSE

DISTRIBUTOR INFO

DISTRIBUTOR
PAYNES DISTRIBUTION, LLC
175 N LENORE AVE
WILLITS, CA 95490

LICENSE
C11-0000916-LIC
ADULT-USE - DISTRIBUTOR LICENSE

BATCH RESULT: PASS

POTENCY	TESTED	**MOISTURE**	TESTED
FOREIGN	PASS	**MYCOTOXINS**	PASS
METALS	PASS	**PESTICIDES**	PASS
MICROBIAL	PASS	**WATER**	PASS

M-024: POTENCY BY HPLC // NOV 11, 2024

ANALYTE	LIMIT	AMT	AMT	LOD/LOQ (mg/g)	PASS/FAIL
CBC		0.0737 %	0.737 mg/g	0.0130/0.0500	N/A
CBD		ND	ND	0.00700/0.0500	N/A
CBDA		0.0387 %	0.387 mg/g	0.00300/0.0500	N/A
CBG		0.0385 %	0.385 mg/g	0.00800/0.0500	N/A
CBN		ND	ND	0.0100/0.0500	N/A
Δ^8-THC		ND	ND	0.0140/0.0500	N/A

ANALYTE	LIMIT	AMT	AMT	LOD/LOQ (mg/g)	PASS/FAIL
Δ^9-THC		0.171 %	1.71 mg/g	0.0110/0.0500	N/A
THCA		24.6 %	246 mg/g	0.00900/0.0500	N/A
THCV		0.0137 %	0.137 mg/g	0.0150/0.0500	N/A
TOTAL THC**		21.7 %	217 mg/g		N/A
TOTAL CBD**		0.0339 %	0.339 mg/g		N/A

** TOTAL THC = DELTA-8-THC + (DELTA-8-THCA X 0.877) + DELTA-9-THC + (THCA X 0.877)
** TOTAL CBD = CBD + (CBDA X 0.877)
DRY-WEIGHT AMOUNTS SHOWN

M-026A: PESTICIDES BY LC-MS/MS APCI // NOV 11, 2024

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
CHLORDANE	Any amt	ND	0.02/0.18	PASS
CHLORFENAPYR	Any amt	ND	0.02/0.08	PASS
METHYL PARATHION	Any amt	ND	0.01/0.08	PASS
PENTACHLORONITROBENZENE	0.1 µg/g	ND	0.01/0.08	PASS

M-026A: PESTICIDES BY LC-MS/MS ESI // NOV 11, 2024

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
ABAMECTIN	0.1 µg/g	ND	0.03/0.08	PASS
ACEPHATE	0.1 µg/g	ND	0.01/0.08	PASS
ACEQUINOCYL	0.1 µg/g	ND	0.03/0.08	PASS
ACETAMIPRID	0.1 µg/g	ND	0.01/0.08	PASS
ALDICARB	Any amt	ND	0.03/0.08	PASS
AZOXYSTROBIN	0.1 µg/g	ND	0.02/0.08	PASS
BIFENAZATE	0.1 µg/g	ND	0.01/0.08	PASS
BIFENTHRIN	3 µg/g	ND	0.02/0.08	PASS
BOSCALID	0.1 µg/g	ND	0.02/0.08	PASS
CAPTAN	0.7 µg/g	ND	0.13/0.31	PASS
CARBARYL	0.5 µg/g	ND	0.01/0.08	PASS
CARBOFURAN	Any amt	ND	0.03/0.08	PASS
CHLORANTRANILIPROLE	10 µg/g	ND	0.03/0.08	PASS
CHLORPYRIFOS	Any amt	ND	0.03/0.08	PASS
CLOFENTEZINE	0.1 µg/g	ND	0.01/0.08	PASS
COUMAPHOS	Any amt	ND	0.02/0.08	PASS
CYFLUTHRIN	2 µg/g	ND	0.07/0.29	PASS
CYPERMETHRIN	1 µg/g	ND	0.05/0.08	PASS
DAMINOZIDE	Any amt	ND	0.02/0.08	PASS
DIAZINON	0.1 µg/g	ND	0.01/0.08	PASS
DICHLORVOS	Any amt	ND	0.03/0.08	PASS
DIMETHOATE	Any amt	ND	0.01/0.08	PASS
DIMETHOMORPH	2 µg/g	ND	0.01/0.08	PASS
ETHOPROPHOS	Any amt	ND	0.01/0.08	PASS
ETOFENPROX	Any amt	ND	0.02/0.08	PASS
ETOXAZOLE	0.1 µg/g	ND	0.01/0.08	PASS
FENHEXAMID	0.1 µg/g	ND	0.01/0.08	PASS
FENOXYCARB	Any amt	ND	0.01/0.08	PASS
FENPYROXIMATE	0.1 µg/g	ND	0.01/0.08	PASS
FIPRONIL	Any amt	ND	0.03/0.08	PASS
FLONICAMID	0.1 µg/g	ND	0.02/0.08	PASS
FLUDIOXONIL	0.1 µg/g	ND	0.02/0.08	PASS
HEXYTHIAZOX	0.1 µg/g	ND	0.01/0.08	PASS
IMAZALIL	Any amt	ND	0.02/0.08	PASS
IMIDACLOPRID	5 µg/g	ND	0.01/0.08	PASS
KRESOXIMMETHYL	0.1 µg/g	ND	0.01/0.08	PASS
MALATHION	0.5 µg/g	ND	0.01/0.08	PASS
METALAXYL	2 µg/g	ND	0.01/0.08	PASS
METHIOCARB	Any amt	ND	0.03/0.08	PASS
METHOMYL	1 µg/g	ND	0.01/0.08	PASS
MEVINPHOS	Any amt	ND	0.03/0.08	PASS
MYCLOBUTANIL	0.1 µg/g	ND	0.01/0.08	PASS
NALED	0.1 µg/g	ND	0.02/0.08	PASS
OXAMYL	0.5 µg/g	ND	0.01/0.08	PASS
PACLOBUTRAZOL	Any amt	ND	0.01/0.08	PASS
PERMETHRIN	0.5 µg/g	ND	0.02/0.08	PASS
PHOSMET	0.1 µg/g	ND	0.01/0.08	PASS
PIPERONYLBUTOXIDE	3 µg/g	ND	0.01/0.08	PASS
PRALLETHRIN	0.1 µg/g	ND	0.02/0.08	PASS
PROPICONAZOLE	0.1 µg/g	ND	0.01/0.08	PASS
PROPOXUR	Any amt	ND	0.02/0.08	PASS
PYRETHRINS	0.5 µg/g	ND	0.01/0.03	PASS
PYRIDABEN	0.1 µg/g	ND	0.01/0.08	PASS
SPINETORAM	0.1 µg/g	ND	0.03/0.05	PASS
SPINOSAD	0.1 µg/g	ND	0.03/0.04	PASS
SPIROMESIFEN	0.1 µg/g	ND	0.01/0.08	PASS
SPIROTETRAMAT	0.1 µg/g	ND	0.01/0.08	PASS
SPIROXAMINE	Any amt	ND	0.01/0.08	PASS
TEBUCONAZOLE	0.1 µg/g	ND	0.01/0.08	PASS
THIACLOPRID	Any amt	ND	0.01/0.08	PASS
THIAMETHOXAM	5 µg/g	ND	0.01/0.08	PASS
TRIFLOXYSTROBIN	0.1 µg/g	ND	0.02/0.08	PASS

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M-018: MOISTURE ANALYSIS // NOV 08, 2024

ANALYTE	LIMIT	AMT (%)	PASS/FAIL
MOISTURE		16.8	N/A

M-055, M-056: MICROBIOLOGICAL CONTAMINANTS BY QPCR // NOV 11, 2024

ANALYTE	LIMIT	AMT (CFU)	PASS/FAIL
ASPERGILLUS FLAVUS	Any amt in 1 gram	ND	PASS
ASPERGILLUS FUMIGATUS	Any amt in 1 gram	ND	PASS
ASPERGILLUS NIGER	Any amt in 1 gram	ND	PASS
ASPERGILLUS TERREUS	Any amt in 1 gram	ND	PASS
SALMONELLA SPP.	Any amt in 1 gram	ND	PASS
SHIGA TOXIN-PRODUCING E. COLI	Any amt in 1 gram	ND	PASS

M-026B: MYCOTOXINS BY LC-MS/MS // NOV 11, 2024

ANALYTE	LIMIT	AMT (µg/kg)	LOD/LOQ (µg/kg)	PASS/FAIL
AFLATOXIN B1		ND	1.0/3.9	N/A
AFLATOXIN B2		ND	1.1/3.9	N/A
AFLATOXIN G1		ND	1.5/3.9	N/A
AFLATOXIN G2		ND	1.9/3.9	N/A
AFLATOXINS	20 µg/kg	ND		PASS
OCHRATOXIN A	20 µg/kg	ND	5.6/15.6	PASS

M-053: HEAVY METALS BY ICP-MS // NOV 11, 2024

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
ARSENIC	0.2 µg/g	< LOQ	0.0190/0.0600	PASS
CADMIUM	0.2 µg/g	0.0768	0.0170/0.0540	PASS
LEAD	0.5 µg/g	< LOQ	0.0160/0.0520	PASS
MERCURY	0.1 µg/g	< LOQ	0.00300/0.00900	PASS

M-066: WATER ACTIVITY BY AQUALAB 3 // NOV 08, 2024

ANALYTE	LIMIT	AMT (Aw)	PASS/FAIL
WATER ACTIVITY	0.65 Aw	0.495	PASS

M-032: FOREIGN MATERIAL (VISUAL INSPECTION) // NOV 11, 2024

ANALYTE	LIMIT	AMT (%)	PASS/FAIL
IMBEDDED FOREIGN MATERIAL	25 %	ND	PASS
INSECT FRAGMENTS, HAIR, MAMMAL EXCREMENT	1 Unit	ND	PASS
MOLD	25 %	ND	PASS
SAND, SOIL, CINDERS, DIRT	25 %	ND	PASS

RESULTS CERTIFIED BY: LAB DIRECTOR
AARON STANCIK, TWO RIVER LABS, INC
NOV 11, 2024

Aaron Stancik

THE RESULTS PROVIDED IN THIS REPORT ARE ONLY REPRESENTATIVE OF THE SAMPLE TESTED. ALL LQC SAMPLES REQUIRED BY SECTION 15730 OF CALIFORNIA CODE OF REGULATIONS TITLE 4 DIVISION 19 DEPARTMENT OF CANNABIS CONTROL WERE PERFORMED AND MET THE ACCEPTANCE CRITERIA. MEASUREMENT UNCERTAINTY IS NOT APPLIED TO ANALYTICAL RESULTS OR USED WHEN EVALUATING STATE ACTION LEVELS. THIS REPORT SHALL NOT BE REPRODUCED EXCEPT IN FULL, WITHOUT THE WRITTEN APPROVAL OF 2 RIVER LABS

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ACCREDITATIONS

ISO/IEC 17025:2017

PJLA Testing
Accreditation #105176

ILAC ACCREDITED, PJLA ACCREDITED

M-026A: PESTICIDES BY LC-MS/MS ESI
ABAMECTIN, ACEPHATE, ACEQUINOCYL, ACETAMIPRID, ALDICARB, AZOXYSTROBIN, BIFENAZATE, BIFENTHRIN, BOSCALID, CAPTAN, CARBARYL, CARBOFURAN, CHLORANTRANILIPROLE, CHLORDANE, CHLORFENAPYR, CHLORPYRIFOS, CLOFENTEZINE, COUMAPHOS, CYFLUTHRIN, CYPERMETHRIN, DAMINOZIDE, DIAZINON, DICHLORVOS, DIMETHOATE, DIMETHOMORPH, ETHOPROPHOS, ETOFENPROX, ETOXAZOLE, FENHEXAMID, FENOXYCARB, FENPYROXIMATE, FIPRONIL, FLONICAMID, FLUDIOXONIL, HEXYTHIAZOX, IMAZALIL, IMIDACLOPRID, KRESOXIM-METHYL, MALATHION, METALAXYL, METHIOCARB, METHOMYL, METHYL PARATHION, MEVINPHOS, MYCLOBUTANIL, NALED, OXAMYL, PACLOBUTRAZOL, PENTACHLORONITROBENZENE, PERMETHRIN, PHOSMET, PIPERONYLBUTOXIDE, PRALLETHRIN, PROPICONAZOLE, PROPOXUR, PYRETHRINS, PYRETHRINS PYRETHRIN I, PYRETHRINS PYRETHRIN II, PYRIDABEN, SPINETORAM, SPINETORAM J, SPINETORAM L, SPINOSAD, SPINOSAD A, SPINOSAD D, SPIROMESIFEN, SPIROTETRAMAT, SPIROXAMINE, TEBUCONAZOLE, THIACLOPRID, THIAMETHOXAM, TRIFLOXYSTROBIN

M-032: FOREIGN MATERIAL (VISUAL INSPECTION)
CINDERS, DIRT, IMBEDDED FOREIGN MATERIAL, INSECT FRAGMENTS, INSECT FRAGMENTS, HAIR, MAMMAL EXCREMENT, MAMMAL EXCREMENT, MOLD, RODENT HAIR, SAND, SAND, SOIL, CINDERS, DIRT, SOIL

M-024: POTENCY BY HPLC
CBC, CBCA, CBD, CBDA, CBDV, CBDVA, CBG, CBGA, CBL, CBLA, CBN, CBNA, DELTA-8-THC, DELTA-9-THC, THC:CBD RATIO, THCA, THCV, THCVA, TOTAL CBD, TOTAL THC

M-026B: MYCOTOXINS BY LC-MS/MS
AFLATOXIN B1, AFLATOXIN B2, AFLATOXIN G1, AFLATOXIN G2, AFLATOXINS, OCHRATOXIN A

M-053: HEAVY METALS BY ICP-MS
ARSENIC, CADMIUM, LEAD, MERCURY

M-066: WATER ACTIVITY BY AQUALAB 3
WATER ACTIVITY

M-018: MOISTURE ANALYSIS
MOISTURE