

CERTIFICATE OF ANALYSIS

PRODUCED: FEB 23, 2025

SAMPLE: SOUR DIESEL (FLOWER) // CLIENT: SOL SPIRIT FARM // BATCH: PASS



BATCH ID: SS-SD-25
METRC SOURCE UID: 1A4060300008987000006321
MATRIX: FLOWER
CATEGORY: INHALABLE
SAMPLE ID: 2RL-250213-049
COLLECTED ON: FEB 13, 2025
RECEIVED ON: FEB 13, 2025
BATCH/SAMPLE SIZE: 7718.0 G / 27.9 G
SAMPLED BY: JAMES ALEMAN
RECEIVED BY: VIRIDIANA LEYVA

CANNABINOID OVERVIEW

TOTAL THC:	18.7 %
TOTAL CBD:	0.0568 %
TOTAL CANNABINOIDS:	18.8 %
SUM OF CANNABINOIDS:	21.3866 %

CULTIVATOR INFO

CULTIVATOR
SOL SPIRIT FARM LLC
6301 SOUTH FORK ROAD
SALYER, CA 95563

LICENSE
CCL19-0005199
ADULT-USE - CULTIVATOR LICENSE

DISTRIBUTOR INFO

DISTRIBUTOR
GREEN OX
89 W 4TH ST
EUREKA, CA 955010216

LICENSE
C11-0001046-LIC
ADULT-USE AND MEDICINAL -
DISTRIBUTOR LICENSE

BATCH RESULT: PASS

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

M-024: POTENCY BY HPLC // FEB 20, 2025

ANALYTE	LIMIT	AMT	AMT	LOD/LOQ (mg/g)	PASS/FAIL
CBC		ND	ND	0.0131/0.0484	N/A
CBD		ND	ND	0.00675/0.0484	N/A
CBDA	0.0648 %	0.648 mg/g	0.00318/0.0484	N/A	N/A
CBG	0.0428 %	0.428 mg/g	0.00834/0.0484	N/A	N/A
CBN		ND	0.00973/0.0484	N/A	N/A
Δ ⁸ -THC		ND	0.0137/0.0484	N/A	N/A

ANALYTE	LIMIT	AMT	AMT	LOD/LOQ (mg/g)	PASS/FAIL
Δ ⁹ -THC		0.279 %	2.79 mg/g	0.0105/0.0484	N/A
THCA		21.0 %	210 mg/g	0.357/1.94	N/A
THCV		ND	ND	0.0149/0.0484	N/A
TOTAL THC**		18.7 %	187 mg/g		N/A
TOTAL CBD**		0.0568 %	0.568 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-025S: TERPENES BY GC-FID // FEB 18, 2025

ANALYTE	AMT	AMT	LOD/LOQ (mg/g)	PASS/FAIL
TOTAL TERPENES	1.99 %	19.9 mg/g		N/A
β-CARYOPHYLLENE	0.702 %	7.02 mg/g	0.0764/0.255	N/A
α-HUMULENE	0.365 %	3.65 mg/g	0.0611/0.204	N/A
β-MYRCENE	0.345 %	3.45 mg/g	0.0636/0.212	N/A
D-LIMONENE	0.270 %	2.70 mg/g	0.0727/0.242	N/A
α-BISABOLOL	0.158 %	1.58 mg/g	0.0502/0.168	N/A
LINALOOL	0.0656 %	0.656 mg/g	0.0659/0.220	N/A
β-PINENE	0.0521 %	0.521 mg/g	0.0734/0.245	N/A
α-PINENE	0.0313 %	0.313 mg/g	0.0740/0.247	N/A
CAMPHENE	< LOQ	< LOQ	0.0688/0.229	N/A
CARYOPHYLLENE OXIDE	< LOQ	< LOQ	0.0726/0.242	N/A
CIS-OCIMENE	< LOQ	< LOQ	0.0150/0.0502	N/A

ANALYTE	AMT	AMT	LOD/LOQ (mg/g)	PASS/FAIL
γ-TERPINENE	< LOQ	< LOQ	0.0641/0.214	N/A
TERPINOLENE	< LOQ	< LOQ	0.0659/0.220	N/A
TRANS-OCIMENE	< LOQ	< LOQ	0.0381/0.127	N/A
α-TERPINENE	ND	ND	0.103/0.343	N/A
CIS-NEROLIDOL	ND	ND	0.0260/0.0868	N/A
Δ ³ -CARENE	ND	ND	0.0643/0.214	N/A
EUCALYPTOL	ND	ND	0.0738/0.246	N/A
GERANIOL	ND	ND	0.0553/0.184	N/A
GUAIOL	ND	ND	0.0629/0.210	N/A
ISOPULEGOL	ND	ND	0.0675/0.225	N/A
P-CYME	ND	ND	0.0561/0.187	N/A
TRANS-NEROLIDOL	ND	ND	0.0355/0.118	N/A



M-026A: PESTICIDES BY LC-MS/MS APCI // FEB 20, 2025

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

M-026A: PESTICIDES BY LC-MS/MS ESI // FEB 23, 2025

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
CHLORANTRANIL-IPROLE	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

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
METHYL PARATHION	Any amt	ND	0.01/0.08	PASS
PENTACHLORONI-TROBENZENE	0.1 µg/g	ND	0.01/0.08	PASS

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
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
KRESOXIM-METHYL	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
PIPERONYLBUTO-XIDE	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
TRIFLOXYSTROB-IN	0.1 µg/g	ND	0.02/0.08	PASS



M-018: MOISTURE ANALYSIS // FEB 14, 2025

ANALYTE	LIMIT	AMT (%)	PASS/FAIL
MOISTURE		15.7	N/A

M-055, M-056: MICROBIOLOGICAL CONTAMINANTS BY QPCR // FEB 17, 2025

ANALYTE	LIMIT	AMT (CFU)	PASS/FAIL	ANALYTE	LIMIT	AMT (CFU)	PASS/FAIL
ASPERGILLUS FLAVUS	Any amt in 1 gram	ND	PASS	ASPERGILLUS TERREUS	Any amt in 1 gram	ND	PASS
ASPERGILLUS FUMIGATUS	Any amt in 1 gram	ND	PASS	SALMONELLA SPP.	Any amt in 1 gram	ND	PASS
ASPERGILLUS NIGER	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 // FEB 23, 2025

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

M-053: HEAVY METALS BY ICP-MS // FEB 19, 2025

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

M-066: WATER ACTIVITY BY AQUALAB 3 // FEB 14, 2025

ANALYTE	LIMIT	AMT (Aw)	PASS/FAIL
WATER ACTIVITY	0.65 Aw	0.508	PASS

M-032: FOREIGN MATERIAL (VISUAL INSPECTION) // FEB 14, 2025

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



RESULTS CERTIFIED BY: LAB DIRECTOR
AARON STANCIK, TWO RIVER LABS, INC
FEB 23, 2025

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

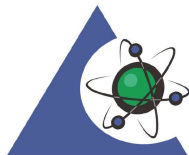
2riverlabs.com



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-025S: TERPENES BY GC-FID

CAMPHENE, CARYOPHYLLENE OXIDE, DELTA-3-CARENE, EUCALYPTOL, GERANIOL, GUAJOL, ISOPULEGOL, LINALOOL, TERPINOLENE, TOTAL TERPENES, ALPHA-BISABOLOL, ALPHA-HUMULENE, ALPHA-OCIMENE, ALPHA-PINENE, ALPHA-TERPINENE, BETA-CARYOPHYLLENE, BETA-MYRCENE, BETA-OCIMENE, BETA-PINENE, CIS-NEROLIDOL, CIS-OCIMENE, D-LIMONENE, GAMMA-TERPINENE, P-CYME, TRANS-NEROLIDOL, TRANS-OCIMENE

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, THCA, 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

