



CERTIFICATE OF ANALYSIS

PRODUCED: JUN 21, 2021

SAMPLE: AIRGRAFT X FRIENDLY FARMS - SINMINT COOKIES - 1G CURED RESIN VAPE POD (CONCENTRATE) // **CLIENT:** SECURE HAULING LLC // **BATCH:** PASS



BATCH ID: CL-00060221-A-AG
METRC SRC UID: 1A4060300004DC9000002665
MATRIX: CONCENTRATE
CATEGORY: INHALABLE
SAMPLE ID: 2RL-210618-008
COLLECTED ON: JUN 18, 2021
RECEIVED ON: JUN 18, 2021
BATCH/SAMPLE SIZE: 989 U / 12 U
SAMPLED BY: DEON BLAKLEY
RECEIVED BY: REBECCA WALDEN
PACKAGE SIZE: 1 G

CANNABINOID OVERVIEW

TOTAL THC:	84.226 %
TOTAL CBD:	1.363 %
TOTAL CANNABINOIDS:	87.92 %

MANUFACTURER INFO

MANUFACTURER
 WTO ESSENTIALS
 14719 STATE HIGHWAY 160
 ISLETON, CA 95641-9789

LICENSE
 CDPH-10002266
 ADULT-USE AND MEDICINAL -
 MANUFACTURING LICENSE

DISTRIBUTOR INFO

DISTRIBUTOR
 SECURE HAULING LLC
 5900 WAREHOUSE WAY
 SACRAMENTO, CA 95826

LICENSE
 C11-0000118-LIC
 ADULT-USE - DISTRIBUTOR LICENSE

BATCH RESULT: PASS

POTENCY	PASS	MYCOTOXINS	PASS
FOREIGN	PASS	PESTICIDES	PASS
METALS	PASS	SOLVENTS	PASS
MICROBIAL	PASS	TERPENES	TESTED

M-024: POTENCY BY HPLC // JUN 20, 2021

ANALYTE	LIMIT	AMT	AMT	LOD/LOQ (mg/g)	PASS/FAIL
CBC	< 1 mg/g	< 1 mg/g		2.698/8.093	N/A
CBCA	ND	ND		6.044/18.133	N/A
CBD	1.363 %	13.63 mg/g		2.961/8.883	N/A
CBDA	ND	ND		2.452/7.355	N/A
CBDV	ND	ND		4.195/12.584	N/A
CBDA	ND	ND		3.296/9.888	N/A
CBG	2.331 %	23.31 mg/g		5.628/16.885	N/A
CBGA	< 1 mg/g	< 1 mg/g		5.367/16.102	N/A
CBL	ND	ND		1.973/5.920	N/A
CBN	ND	ND		2.150/6.450	N/A
CBNA	ND	ND		7.856/23.569	N/A

ANALYTE	LIMIT	AMT	AMT	LOD/LOQ (mg/g)	PASS/FAIL
Δ ⁸ -THC		ND	ND	3.516/10.549	N/A
Δ ⁹ -THC		84.226 %	842.26 mg/g	3.229/9.687	N/A
THCA		ND	ND	3.424/10.273	N/A
THCV		< 1 mg/g	< 1 mg/g	2.952/8.857	N/A
THCVA		ND	ND	2.898/8.695	N/A
TOTAL THC **		84.226 %	842.26 mg/g	(101.82% OF LABEL)	N/A
TOTAL CBD **		1.363 %	13.63 mg/g		N/A
CBD/PKG		13.63 mg			N/A
Δ⁹-THC/PKG		842.26 mg			PASS
TOTAL CBD/PKG **		13.63 mg			N/A
TOTAL THC/PKG **		842.26 mg			N/A

** TOTAL THC = (THCA X 0.877) + THC
 ** TOTAL CBD = (CBDA X 0.877) + CBD

M-025S: TERPENES BY GC-FID // JUN 20, 2021

ANALYTE	AMT	AMT	LOD/LOQ (mg/g)	PASS/FAIL
TOTAL TERPENES *	6.433 %	64.33 mg/g		N/A
β-CARYOPHYLLENE	2.620 %	26.20 mg/g	0.024/0.074	N/A
β-MYRCENE	0.958 %	9.58 mg/g	0.009/0.028	N/A
LINALOOL	0.948 %	9.48 mg/g	0.012/0.035	N/A
α-HUMULENE	0.763 %	7.63 mg/g	0.020/0.060	N/A
α-BISABOLOL	0.558 %	5.58 mg/g	0.062/0.188	N/A
D-LIMONENE	0.355 %	3.55 mg/g	0.012/0.037	N/A
α-PINENE	0.107 %	1.07 mg/g	0.006/0.017	N/A
CARYOPHYLLENE OXIDE	0.045 %	0.45 mg/g	0.018/0.054	N/A
ISOPULEGOL	0.039 %	0.39 mg/g	0.014/0.042	N/A

ANALYTE	AMT	AMT	LOD/LOQ (mg/g)	PASS/FAIL
β-PINENE	< LOQ	< LOQ	0.254/0.768	N/A
GUAIOL	ND	ND	0.022/0.066	N/A
TERPINOLENE	ND	ND	0.010/0.030	N/A
P-CYMENTHENE	ND	ND	0.009/0.028	N/A
CIS-NEROLIDOL	ND	ND	0.017/0.051	N/A
GERANIOL	ND	ND	0.020/0.061	N/A
γ-TERPINENE	ND	ND	0.007/0.022	N/A
Δ ³ -CARENE	ND	ND	0.012/0.035	N/A
β-OCIMENE	ND	ND	0.011/0.034	N/A
α-TERPINENE	ND	ND	0.016/0.049	N/A



REGULATORY COMPLIANCE TESTING

CAMPHENE	0.026 %	0.26 mg/g	0.004/0.012	N/A	α-OCIMENE	ND	ND	0.013/0.040	N/A
EUCALYPTOL	0.014 %	0.14 mg/g	0.026/0.080	N/A	TRANS-NEROLIDOL	ND	ND	0.007/0.022	N/A

* BEYOND SCOPE OF ACCREDITATION



M-026A: PESTICIDES BY LC-MS/MS // JUN 20, 2021

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
ABAMECTIN	0.1 µg/g	ND	0.010/0.040	PASS
ACEPHATE	0.1 µg/g	ND	0.010/0.020	PASS
ACEQUINOCYL	0.1 µg/g	ND	0.010/0.020	PASS
ACETAMIPRID	0.1 µg/g	ND	0.010/0.030	PASS
ALDICARB	Any amt	ND	0.010/0.040	PASS
AZOXYSTROBIN	0.1 µg/g	ND	0.010/0.030	PASS
BIFENAZATE	0.1 µg/g	ND	0.010/0.030	PASS
BIFENTHRIN	3 µg/g	ND	0.010/0.020	PASS
BOSCALID	0.1 µg/g	ND	0.010/0.030	PASS
CAPTAN	0.7 µg/g	ND	0.700/0.230	PASS
CARBARYL	0.5 µg/g	ND	0.010/0.030	PASS
CARBOFURAN	Any amt	ND	0.010/0.020	PASS
CHLORANTRANIL-IPROLE	10 µg/g	ND	0.010/0.040	PASS
CHLORDANE	Any amt	ND	0.010/0.040	PASS
CHLORFENAPYR	Any amt	ND	0.020/0.050	PASS
CHLORPYRIFOS	Any amt	ND	0.010/0.030	PASS
CLOFENTEZINE	0.1 µg/g	ND	0.010/0.030	PASS
COUMAPHOS	Any amt	ND	0.010/0.020	PASS
CYFLUTHRIN	2 µg/g	ND	0.010/0.100	PASS
CYPERMETHRIN	1 µg/g	ND	0.010/0.050	PASS
DAMINOZIDE	Any amt	ND	0.003/0.010	PASS
DIAZINON	0.1 µg/g	ND	0.005/0.020	PASS
DICHLORVOS	Any amt	ND	0.010/0.020	PASS
DIMETHOATE	Any amt	ND	0.010/0.030	PASS
DIMETHOMORPH	2 µg/g	ND	0.010/0.030	PASS
ETHOPROPHOS	Any amt	ND	0.004/0.010	PASS
ETOFENPROX	Any amt	ND	0.010/0.020	PASS
ETOXAZOLE	0.1 µg/g	ND	0.010/0.020	PASS
FENHEXAMID	0.1 µg/g	ND	0.010/0.020	PASS
FENOXYCARB	Any amt	ND	0.004/0.010	PASS
FENPYROXIMATE	0.1 µg/g	ND	0.010/0.030	PASS
FIPRONIL	Any amt	ND	0.010/0.020	PASS
FLONICAMID	0.1 µg/g	ND	0.005/0.010	PASS

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
FLUDIOXONIL	0.1 µg/g	ND	0.004/0.010	PASS
HEXYTHIAZOX	0.1 µg/g	ND	0.010/0.030	PASS
IMAZALIL	Any amt	ND	0.010/0.020	PASS
IMIDACLOPRID	5 µg/g	ND	0.010/0.020	PASS
KRESOXIM-METHYL	0.1 µg/g	ND	0.010/0.020	PASS
MALATHION	0.5 µg/g	ND	0.010/0.040	PASS
METALAXYL	2 µg/g	ND	0.010/0.040	PASS
METHIOCARB	Any amt	ND	0.010/0.030	PASS
METHOMYL	1 µg/g	ND	0.005/0.020	PASS
METHYL PARATHION	Any amt	ND	0.010/0.040	PASS
MEVINPHOS	Any amt	ND	0.010/0.030	PASS
MYCLOBUTANIL	0.1 µg/g	ND	0.010/0.020	PASS
NALED	0.1 µg/g	ND	0.010/0.030	PASS
OXAMYL	0.5 µg/g	ND	0.004/0.010	PASS
PACLOBUTRAZOL	Any amt	ND	0.010/0.030	PASS
PENTACHLORONI-TROBENZENE	0.1 µg/g	ND	0.010/0.030	PASS
PERMETHRIN	0.5 µg/g	ND	0.010/0.020	PASS
PHOSMET	0.1 µg/g	ND	0.010/0.040	PASS
PIPERONYLBUTO-XIDE	3 µg/g	ND	0.010/0.020	PASS
PRALLETHRIN	0.1 µg/g	ND	0.010/0.030	PASS
PROPICONAZOLE	0.1 µg/g	ND	0.010/0.020	PASS
PROPOXUR	Any amt	ND	0.010/0.020	PASS
PYRETHRINS	0.5 µg/g	ND	0.010/0.030	PASS
PYRIDABEN	0.1 µg/g	ND	0.010/0.030	PASS
SPINETORAM	0.1 µg/g	ND	0.020/0.070	PASS
SPINOSAD	0.1 µg/g	ND	0.010/0.040	PASS
SPIROMESIFEN	0.1 µg/g	ND	0.010/0.020	PASS
SPIROTETRAMAT	0.1 µg/g	ND	0.010/0.020	PASS
SPIROXAMINE	Any amt	ND	0.010/0.040	PASS
TEBUCONAZOLE	0.1 µg/g	ND	0.010/0.020	PASS
THIACLOPRID	Any amt	ND	0.004/0.010	PASS
THIAMETHOXAM	5 µg/g	ND	0.004/0.010	PASS
TRIFLOXYSTROB-IN	0.1 µg/g	ND	0.010/0.040	PASS

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M-055, M-056: MICROBIOLOGICAL CONTAMINANTS BY QPCR // JUN 20, 2021

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

ANALYTE	LIMIT	AMT (CFU)	PASS/FAIL
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 // JUN 20, 2021

ANALYTE	LIMIT	AMT (µg/kg)	LOD/LOQ (µg/kg)	PASS/FAIL
AFLATOXIN B1		ND	2.000/10.000	N/A
AFLATOXIN B2		ND	4.000/10.000	N/A
AFLATOXIN G1		ND	5.000/10.000	N/A

ANALYTE	LIMIT	AMT (µg/kg)	LOD/LOQ (µg/kg)	PASS/FAIL
AFLATOXIN G2		ND	3.000/10.000	N/A
AFLATOXINS	20 µg/kg	ND		PASS
OCHRATOXIN A	20 µg/kg	ND	5.000/20.000	PASS

M-053: HEAVY METALS BY ICP-MS // JUN 20, 2021

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
ARSENIC	0.2 µg/g	ND	0.030/0.090	PASS
CADMIUM	0.2 µg/g	ND	0.030/0.090	PASS

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
LEAD	0.5 µg/g	ND	0.020/0.070	PASS
MERCURY	0.1 µg/g	ND	0.030/0.090	PASS

M-032: FOREIGN MATERIAL (VISUAL INSPECTION) // JUN 17, 2021

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

ANALYTE	LIMIT	AMT (%)	PASS/FAIL
MOLD	25 %	ND	PASS
SAND, SOIL, CINDERS, DIRT	25 %	ND	PASS

M-028: RESIDUAL SOLVENTS BY GC-MS // JUN 20, 2021

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
1,2-DICHLOROETHANE	1 µg/g	ND	0.230/0.700	PASS
ACETONE	5000 µg/g	ND	15.730/47.670	PASS
ACETONITRILE	410 µg/g	ND	36.250/109.860	PASS
BENZENE	1 µg/g	ND	0.120/0.370	PASS
BUTANE	5000 µg/g	ND	9.320/28.240	PASS
CHLOROFORM	1 µg/g	ND	0.190/0.570	PASS
ETHANOL	5000 µg/g	ND	30.820/93.400	PASS
ETHYL ACETATE	5000 µg/g	ND	39.550/119.860	PASS
ETHYLENE OXIDE	1 µg/g	ND	0.070/0.210	PASS
ETHYL ETHER	5000 µg/g	ND	25.030/75.850	PASS

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
HEPTANE	5000 µg/g	ND	55.610/168.530	PASS
HEXANE	290 µg/g	ND	45.190/136.950	PASS
ISOPROPYL ALCOHOL	5000 µg/g	ND	29.740/90.130	PASS
METHANOL	3000 µg/g	ND	19.260/58.370	PASS
METHYLENE CHLORIDE	1 µg/g	ND	0.030/0.110	PASS
PENTANE	5000 µg/g	ND	10.940/33.150	PASS
PROPANE	5000 µg/g	ND	29.410/89.130	PASS
TOLUENE	890 µg/g	ND	89.410/270.990	PASS
TRICHLOROETHYLENE	1 µg/g	ND	0.090/0.270	PASS
TOTAL XYLENES	2170 µg/g	ND	99.490/301.470	PASS

RESULTS CERTIFIED BY: QUALITY ASSURANCE MANAGER
RACHELE FRAZER, TWO RIVER LABS, INC
JUN 21, 2021

RESULTS CERTIFIED BY: LAB DIRECTOR
RACHELLE GIFFIN, TWO RIVER LABS, INC
JUN 21, 2021

R. Frazer

Rachelle Giffin

ALL LQC SAMPLES REQUIRED BY SECTION 5730 OF CALIFORNIA CODE OF REGULATIONS TITLE 16 DIVISION 42 BUREAU OF CANNABIS CONTROL WERE PERFORMED AND MET THE ACCEPTANCE CRITERIA.

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ACCREDITATIONS



ISO17025:2017

PJLA
Testing

ISO/IEC 17025

ILAC ACCREDITED, PJLA ACCREDITED**M-026A: PESTICIDES BY LC-MS/MS**

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, THIAACLOPRID, THIAMETHOXAM, TRIFLOXYSTROBIN

M-024: POTENCY BY HPLC

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

M-025S: TERPENES BY GC-FID

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

M-028: RESIDUAL SOLVENTS BY GC-MS

PROPANE, BUTANE, ETHYLENE OXIDE, METHANOL, PENTANE, ETHANOL, ETHYL ETHER, ACETONE, ISOPROPYL ALCOHOL, ACETONITRILE, METHYLENE CHLORIDE, HEXANE, ETHYL ACETATE, CHLOROFORM, BENZENE, 1,2-DICHLOROETHANE, HEPTANE, TRICHLOROETHYLENE, TOLUENE, O AND P-XYLENE, M-XYLENE, TOTAL XYLENES

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-055, M-056: MICROBIOLOGICAL CONTAMINANTS BY QPCR

ESCHERICHIA COLI, SHIGA TOXIN-PRODUCING E. COLI, SALMONELLA SPP., ASPERGILLUS FLAVUS, ASPERGILLUS FUMIGATUS, ASPERGILLUS NIGER, ASPERGILLUS SPP., ASPERGILLUS TERREUS

M-026B: MYCOTOXINS BY LC-MS/MS

AFLATOXINS, AFLATOXIN B1, AFLATOXIN B2, AFLATOXIN G1, AFLATOXIN G2, OCHRATOXIN A

M-053: HEAVY METALS BY ICP-MS

CADMIUM, LEAD, ARSENIC, MERCURY

