

CERTIFICATE OF ANALYSIS

PRODUCED: JUN 05, 2023

SAMPLE: LEMON GORILLA PRINCESS (FLOWER) // CLIENT: ALPHA GROW // BATCH: PASS



BATCH NO.: 1A40503000252ED000001434
METRC TAG: 1A40503000252ED000001436
MATRIX: FLOWER
CATEGORY: INHALABLE
SAMPLE ID: CL-300523-001
COLLECTED ON: MAY 30, 2023
RECEIVED ON: MAY 30, 2023
BATCH/SAMPLE SIZE: 14453 G / 78 G
RECEIVED BY: JACK WITTEW

CANNABINOID OVERVIEW	
TOTAL THC:	31.17 %
TOTAL CBD:	0.06 %
TOTAL CANNABINOIDS:	36.47 %

CULTIVATOR INFO

CULTIVATOR
 42469 IRWIN, LLC
 42469 IRWIN DRIVE
 HARRISON TOWNSHIP, MI 48045

LICENSE
 AU-G-C-000603
 ADULT-USE - CLASS C MARIHUANA
 GROWER

BATCH RESULT: PASS			
POTENCY	TESTED	PESTICIDES	PASS
FOREIGN	PASS	TERPENES	TESTED
METALS	PASS	WATER	PASS
MICROBIAL	PASS		

CL-01: CANNABINOID POTENCY BY HPLC-PDA // JUN 01, 2023

ANALYTE	LIMIT	AMT	LOD/LOQ (mg/g)	PASS/FAIL	ANALYTE	LIMIT	AMT	LOD/LOQ (mg/g)	PASS/FAIL
CBC		ND	0.018/0.059	N/A	CBN		ND	0.016/0.054	N/A
CBD		ND	0.038/0.13	N/A	Δ ⁸ -THC		ND	0.044/0.15	N/A
CBDA	0.071 %		0.02/0.068	N/A	Δ ⁹ -THC		ND	0.043/0.14	N/A
CBDV		ND	0.035/0.12	N/A	THCA	35.539 %		0.023/0.077	N/A
CBDA		ND	0.019/0.064	N/A	THCV		ND	0.041/0.14	N/A
CBG		ND	0.039/0.13	N/A	TOTAL THC **		31.168 %		N/A
CBGA	0.862 %		0.021/0.07	N/A	TOTAL CBD **		0.062 %		N/A

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

CL-02: TERPENE ANALYSIS BY GC-MS WITH HEADSPACE // JUN 02, 2023

ANALYTE	AMT	LOD/LOQ (ppm)	PASS/FAIL	ANALYTE	AMT	LOD/LOQ (ppm)	PASS/FAIL
TOTAL TERPENES	0.865 %		N/A	CAMPHENE	0.011 %	0.03/0.101	N/A
LIMONENE	0.222 %	0.035/0.118	N/A	CIS-NEROLIDOL	0.006 %	0.323/1.076	N/A
CIS-β-OCIMENE	0.113 %	0.022/0.074	N/A	GUAIOL	0.005 %	0.238/0.795	N/A
TRANS-CARYOPHYLLENE	0.160 %	0.267/0.889	N/A	α-BISABOLOL	0.004 %	0.884/2.948	N/A
β-PINENE	0.064 %	0.019/0.062	N/A	ISOPULEGOL	0.003 %	0.213/0.708	N/A
β-MYRCENE	0.057 %	0.042/0.139	N/A	CARYOPHYLLENE OXIDE	0.001 %	0.267/0.889	N/A
α-HUMULENE	0.054 %	0.044/0.146	N/A	GERANIOL	0.001 %	0.076/0.252	N/A
α-TERPINENE	0.043 %	0.03/0.102	N/A	Δ³-CARENE	ND	0.027/0.089	N/A
LINALOOL	0.043 %	0.076/0.252	N/A	EUCALYPTOL	ND	0.071/0.236	N/A
TRANS-NEROLIDOL	0.041 %	0.313/1.045	N/A	γ-TERPINENE	ND	0.021/0.071	N/A
α-PINENE	0.037 %	0.017/0.057	N/A	TERPINOLENE	ND	0.053/0.177	N/A



PER ISO 17025, THIS REPORT ONLY CONTAINS AND CONCERNS THE SAMPLES LISTED WITHIN THIS DOCUMENT. SAMPLES WERE SAMPLED AND TESTED IN ACCORDANCE WITH THE SAFETY COMPLIANCE FACILITY SAMPLING AND TESTING INFORMATION PROVIDED BY THE STATE OF MICHIGAN.

RESULTS CERTIFIED BY: MANIK GUDIMANI
 LAB DIRECTOR, SC LABS
 JUN 05, 2023

Manik Gudimani

CL-04: PESTICIDE ANALYSIS BY LC-MS/MS // JUN 01, 2023

ANALYTE	LIMIT	AMT (ppm)	LOD/LOQ (ppm)	PASS/FAIL
ABAMECTIN	0.5 ppm	ND	0.0008/0.0025	PASS
ACEPHATE	0.4 ppm	ND	0.0044/0.0132	PASS
ACEQUINOCYL	2 ppm	ND	0.0078/0.0237	PASS
ACETAMIPRID	0.2 ppm	ND	0.0004/0.0013	PASS
ALDICARB	0.4 ppm	ND	0.0003/0.0009	PASS
AZOXYSTROBIN	0.2 ppm	ND	0.0003/0.0009	PASS
BIFENAZATE	0.2 ppm	ND	0.0002/0.0007	PASS
BIFENTHRIN	0.2 ppm	ND	0.0004/0.0013	PASS
BOSCALID	0.4 ppm	ND	0.003/0.0091	PASS
CARBARYL	0.2 ppm	ND	0.0004/0.0013	PASS
CARBOFURAN	0.2 ppm	ND	0.00001/0.00002	PASS
CHLORANTRANIL-IPROLE	0.2 ppm	ND	0.0002/0.0007	PASS
CHLORFENAPYR	1 ppm	ND	0.0449/0.1362	PASS
CHLORPYRIFOS	0.2 ppm	ND	0.0002/0.0005	PASS
CLOFENTEZINE	0.2 ppm	ND	0.0003/0.001	PASS
CYFLUTHRIN	1 ppm	ND	0.0063/0.0191	PASS
CYPERMETHRIN	1 ppm	ND	0.0048/0.0146	PASS
DAMINOZIDE	1 ppm	ND	0.0003/0.001	PASS
DIAZINON	0.2 ppm	ND	0.0001/0.0004	PASS
DICHLORVOS	1 ppm	ND	0.0001/0.0002	PASS
DIMETHOATE	0.2 ppm	ND	0.0002/0.0006	PASS
ETHOPROPHOS	0.2 ppm	ND	0.0002/0.0005	PASS
ETOFENPROX	0.4 ppm	ND	0.0003/0.0009	PASS
ETOXAZOLE	0.2 ppm	ND	0.0002/0.0005	PASS
FENOXYCARB	0.2 ppm	ND	0.0003/0.0009	PASS
FENPYROXIMATE	0.4 ppm	ND	0.0002/0.0007	PASS
FIPRONIL	0.4 ppm	ND	0.001/0.0031	PASS
FLONICAMID	1 ppm	ND	0.0003/0.0009	PASS
FLUDIOXONIL	0.4 ppm	ND	0.0004/0.0011	PASS
HEXYTHIAZOX	1 ppm	ND	0.0002/0.0005	PASS
IMAZALIL	0.2 ppm	ND	0.0018/0.0056	PASS
IMIDACLOPRID	0.4 ppm	ND	0.0005/0.0014	PASS

ANALYTE	LIMIT	AMT (ppm)	LOD/LOQ (ppm)	PASS/FAIL
KRESOXIM-METHYL	0.4 ppm	ND	0.0003/0.0008	PASS
MALATHION	0.2 ppm	ND	0.0002/0.0007	PASS
METALAXYL	0.2 ppm	ND	0.0001/0.0003	PASS
METHIOCARB	0.2 ppm	ND	0.0001/0.0004	PASS
METHOMYL	0.4 ppm	ND	0.0007/0.002	PASS
METHYL PARATHION	0.2 ppm	ND	0.0021/0.0063	PASS
MGK-264	0.2 ppm	ND	0.0237/0.0717	PASS
MYCLOBUTANIL	0.2 ppm	ND	0.0003/0.001	PASS
NALED	0.5 ppm	ND	0.0008/0.0025	PASS
OXAMYL	1 ppm	ND	0.0034/0.0102	PASS
PACLOBUTRAZOL	0.4 ppm	ND	0.0004/0.0011	PASS
PERMETHRIN	0.2 ppm	ND	0.0233/0.0707	PASS
PHOSMET	0.2 ppm	ND	0.0002/0.0007	PASS
PRALLETHRIN	0.2 ppm	ND	0.0009/0.0027	PASS
PROPICONAZOLE	0.4 ppm	ND	0.0005/0.0014	PASS
PROPOXUR	0.2 ppm	ND	0.0001/0.0003	PASS
PYRETHRINS	1 ppm	ND		PASS
PYRETHRINS CINERIN I		ND	0.0005/0.0035	N/A
PYRETHRINS JASMOLIN I		ND	0.0009/0.0027	N/A
PYRETHRINS PYRETHRIN I		ND	0.0003/0.001	N/A
PYRIDABEN	0.2 ppm	ND	0.0002/0.0005	PASS
SPINOSAD	0.2 ppm	ND		PASS
SPINOSAD A		ND	0.0003/0.0008	N/A
SPINOSAD D		ND	0.0002/0.0006	N/A
SPIROMESIFEN	0.2 ppm	ND	0.0003/0.0011	PASS
SPIROTETRAMAT	0.2 ppm	ND	0.001/0.003	PASS
SPIROXAMINE	0.4 ppm	ND	0.0001/0.0005	PASS
TEBUCONAZOLE	0.4 ppm	ND	0.0001/0.0004	PASS
THIACLOPRID	0.2 ppm	ND	0.0002/0.0007	PASS
THIAMETHOXAM	0.2 ppm	ND	0.0003/0.0009	PASS
TRIFLOXYSTROB-IN	0.2 ppm	ND	0.0001/0.0005	PASS



CL-07: ASPERGILLUS BY QPCR // JUN 01, 2023

ANALYTE	LIMIT	AMT (CFU/g)	LOD/LOQ	PASS/FAIL
ASPERGILLUS FLAVUS	Any amount in 1 gram	ND		PASS
ASPERGILLUS FUMIGATUS	Any amount in 1 gram	ND		PASS
ASPERGILLUS NIGER	Any amount in 1 gram	ND		PASS

ANALYTE	LIMIT	AMT (CFU/g)	LOD/LOQ	PASS/FAIL
ASPERGILLUS SPP.	Any amount in 1 gram	ND		PASS
ASPERGILLUS TERREUS	Any amount in 1 gram	ND		PASS

CL-07: E. COLI AND SALMONELLA BY QPCR // JUN 01, 2023

ANALYTE	LIMIT	AMT (CFU/g)	LOD/LOQ	PASS/FAIL
SALMONELLA SPP.	Any amount in 1 gram	ND		PASS

ANALYTE	LIMIT	AMT (CFU/g)	LOD/LOQ	PASS/FAIL
SHIGA TOXIN-PRODUCING E. COLI	Any amount in 1 gram	ND		PASS

CL-07: COLIFORMS AND YEAST & MOLD // JUN 03, 2023

ANALYTE	LIMIT	AMT (CFU/g)	LOD/LOQ (CFU/g)	PASS/FAIL
COLIFORMS	1000 CFU/g	ND	100/100	PASS

ANALYTE	LIMIT	AMT (CFU/g)	LOD/LOQ (CFU/g)	PASS/FAIL
YEAST & MOLD	100000 CFU/g	10000	1000/1000	PASS

CL-06: HEAVY METAL ANALYSIS BY ICP-MS // JUN 05, 2023

ANALYTE	LIMIT	AMT (ppm)	LOD/LOQ (ppm)	PASS/FAIL
ARSENIC	0.4 ppm	ND	0.006/0.016	PASS
CADMIUM	0.4 ppm	< LOQ	0.002/0.006	PASS
CHROMIUM	1.2 ppm	ND	0.094/0.28	PASS
COPPER		3.649	0.138/0.296	N/A

ANALYTE	LIMIT	AMT (ppm)	LOD/LOQ (ppm)	PASS/FAIL
LEAD	1 ppm	< LOQ	0.002/0.005	PASS
MERCURY	0.2 ppm	ND	0.0269/0.06	PASS
NICKEL	1 ppm	ND	0.068/0.196	PASS

CL-09: WATER ACTIVITY // MAY 31, 2023

ANALYTE	LIMIT	AMT (Aw)	PASS/FAIL
WATER ACTIVITY	0.65 Aw	0.4614	PASS

CL-10: FOREIGN MATTER ANALYSIS // MAY 31, 2023

ANALYTE	LIMIT	AMT (%)	PASS/FAIL
INORGANIC MATTER	Any amount	ND	PASS
ORGANIC MATTER	2 %	ND	PASS

ANALYTE	LIMIT	AMT (%)	PASS/FAIL
STEMS	5 %	ND	PASS

NOTES

MANIK GUDIMANI TERPENE ANALYSIS BY GC-MS WITH HEADSPACE
 JUN 05, 2023 FOR INFORMATION PURPOSES ONLY

FOREIGN MATTER IMAGES

