TITAN LABORATORIES // 2175 E VALENCIA RD STE 185 TUCSON AZ 85706 // PH: 520-771-9990
AZ LICENSE #: 00000017LCJV69168365

CERTIFICATE OF ANALYSIS

PRODUCED: NOV 10, 2022

SAMPLE: ORANGE COOKIES (FLOWER) // **CLIENT**: TREE JUNKEE // **BATCH**: PASS

BATCH NO.: 220930-006
MATRIX: FLOWER
CATEGORY: INHALABLE
SAMPLE ID: TLT-221104-017
COLLECTED ON: NOV 04, 2022
RECEIVED ON: NOV 04, 2022
BATCH/SAMPLE SIZE: 7500 G / 2 G
RECEIVED BY: RAUL MANUEL MORALES JR

BATCH RESULT: PASS

MICROBIAL	PASS

RESULTS CERTIFIED BY: WILLIAM ENGLISH
LAB DIRECTOR, TITAN LABORATORIES
NOV 10, 2022

SOP 160: ASPERGILLUS BY GENE-UP QPCR // NOV 09, 2022

ANALYTE	LIMIT	AMT (CFU/g)	PASS/FAIL	ANALYTE	LIMIT	AMT (CFU/g)	PASS/FAIL
ASPERGILLUS FLAVUS	Any amt in 1 gram	ND	PASS	**ASPERGILLUS NIGER**	Any amt in 1 gram	ND	PASS
ASPERGILLUS FUMIGATUS	Any amt in 1 gram	ND	PASS	**ASPERGILLUS TERREUS**	Any amt in 1 gram	ND	PASS

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BATCH/SAMPLE SIZE: 7500 G / 4 G
RECEIVED BY: RAUL MANUEL MORALES JR

BATCH RESULT: PASS

METALS	PASS
MICROBIAL	PASS
PESTICIDES	PASS

RESULTS CERTIFIED BY: WILLIAM ENGLISH
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NOV 10, 2022

SOP 60: PESTICIDES BY LC-MS/MS // NOV 10, 2022

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ	PASS/FAIL
ABAMECTIN	0.5 µg/g	ND		PASS
ACEPHATE	0.4 µg/g	ND		PASS
ACEQUINOCYL	2 µg/g	ND		PASS
ACETAMIPRID	0.2 µg/g	ND		PASS
ALDICARB	0.4 µg/g	ND		PASS
AZOXYSTROBIN	0.2 µg/g	ND		PASS
BIFENAZATE	0.2 µg/g	ND		PASS
BIFENTHRIN	0.2 µg/g	ND		PASS
BOSCALID	0.4 µg/g	ND		PASS
CARBARYL	0.2 µg/g	ND		PASS
CARBOFURAN	0.2 µg/g	ND		PASS
CHLORANTRANIL-IPROLE	0.2 µg/g	ND		PASS
CHLORFENAPYR	1 µg/g	ND		PASS
CHLORPYRIFOS	0.2 µg/g	ND		PASS
CLOFENTEZINE	0.2 µg/g	ND		PASS
CYFLUTHRIN	1 µg/g	ND		PASS
CYPERMETHRIN	1 µg/g	ND		PASS
DAMINOZIDE	1 µg/g	ND		PASS
DIAZINON	0.2 µg/g	ND		PASS
DICHLORVOS	0.1 µg/g	ND		PASS
DIMETHOATE	0.2 µg/g	ND		PASS
ETHOPROPHOS	0.2 µg/g	ND		PASS
ETOFENPROX	0.4 µg/g	ND		PASS
ETOXAZOLE	0.2 µg/g	ND		PASS
FENOXYCARB	0.2 µg/g	ND		PASS
FENPYROXIMATE	0.4 µg/g	ND		PASS
FIPRONIL	0.4 µg/g	ND		PASS
FLONICAMID	1 µg/g	ND		PASS
FLUDIOXONIL	0.4 µg/g	ND		PASS

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ	PASS/FAIL
HEXYTHIAZOX	1 µg/g	ND		PASS
IMAZALIL	0.2 µg/g	ND		PASS
IMIDACLOPRID	0.4 µg/g	ND		PASS
KRESOXIM-METHYL	0.4 µg/g	ND		PASS
MALATHION	0.2 µg/g	ND		PASS
METALAXYL	0.2 µg/g	ND		PASS
METHIOCARB	0.2 µg/g	ND		PASS
METHOMYL	0.4 µg/g	ND		PASS
MYCLOBUTANIL	0.2 µg/g	ND		PASS
NALED	0.5 µg/g	ND		PASS
OXAMYL	1 µg/g	ND		PASS
PACLOBUTRAZOL	0.4 µg/g	ND		PASS
PERMETHRIN	0.2 µg/g	ND		PASS
PHOSMET	0.2 µg/g	ND		PASS
PIPERONYLBUTO-XIDE	2 µg/g	ND		PASS
PRALLETHRIN	0.2 µg/g	ND		PASS
PROPICONAZOLE	0.4 µg/g	ND		PASS
PROPOXUR	0.2 µg/g	ND		PASS
PYRETHRINS	1 µg/g	ND		PASS
PYRIDABEN	0.2 µg/g	ND		PASS
SPINOSAD	0.2 µg/g	ND		PASS
SPIROMESIFEN	0.2 µg/g	ND		PASS
SPIROTETRAMAT	0.2 µg/g	ND		PASS
SPIROXAMINE	0.4 µg/g	ND		PASS
TEBUCONAZOLE	0.4 µg/g	ND		PASS
THIACLOPRID	0.2 µg/g	ND		PASS
THIAMETHOXAM	0.2 µg/g	ND		PASS
TRIFLOXYSTROB-IN	0.2 µg/g	ND		PASS

SOP 121: SALMONELLA BY BAX Q7 QPCR // NOV 08, 2022

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

SOP 130: E. COLI BY 3M PETRIFILM // NOV 08, 2022

ANALYTE	LIMIT	AMT (CFU/g)	PASS/FAIL
ESCHERICHIA COLI	100 CFU/g	ND	PASS

SOP 70: HEAVY METALS BY ICP-MS // NOV 10, 2022

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ	PASS/FAIL
ARSENIC	0.4 µg/g	0.020		PASS
CADMIUM	0.4 µg/g	0.012		PASS

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ	PASS/FAIL
LEAD	1 µg/g	0.005		PASS
MERCURY	1.2 µg/g	0.011		PASS

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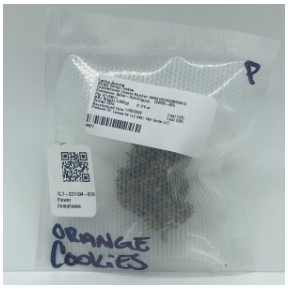

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CANNABINOID OVERVIEW

TOTAL THC:	21.524 %
TOTAL CBD:	0.093 %
TOTAL CANNABINOIDS:	26.905 %

BATCH RESULT: PASS

POTENCY	TESTED
TERPENES	TESTED

SOP 50: CANNABINOID PROFILE BY HPLC-MS // NOV 10, 2022

ANALYTE	LIMIT	AMT	AMT	LOD/LOQ (mg/g)	PASS/FAIL
CBD		ND	ND	0.315/0.944	
CBDA		0.106 %	1.06 mg/g	0.315/0.944	
CBG		0.154 %	1.54 mg/g	0.315/0.944	
CBN		ND	ND	0.315/0.944	
Δ^8-THC		ND	ND		

ANALYTE	LIMIT	AMT	AMT	LOD/LOQ (mg/g)	PASS/FAIL
Δ^9-THC		0.488 %	4.88 mg/g	0.315/0.944	
THCA		23.986 %	239.86 mg/g	3.178/28.605	
TOTAL THC**		21.524 %	215.24 mg/g		
TOTAL CBD**		0.093 %	0.93 mg/g		

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

SOP 50: EXPANDED CANNABINOID PROFILE BY HPLC-MS // NOV 10, 2022

ANALYTE	LIMIT	AMT	AMT	LOD/LOQ	PASS/FAIL
CBC		ND	ND		
CBCA		0.364 %	3.64 mg/g		

ANALYTE	LIMIT	AMT	AMT	LOD/LOQ	PASS/FAIL
CBGA		1.807 %	18.07 mg/g		

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

: TERPENES BY GC-MS // NOV 08, 2022

ANALYTE	AMT	AMT	LOD/LOQ	PASS/FAIL
TOTAL TERPENES	1.083 %	10.83 mg/g		
(-)-β-PINENE	0.105 %	1.05 mg/g		
D-LIMONENE	0.390 %	3.90 mg/g		
LINALOOL	0.140 %	1.40 mg/g		
β-MYRCENE	0.098 %	0.98 mg/g		
α-PINENE	0.084 %	0.84 mg/g		
β-CARYOPHYLLENE	0.084 %	0.84 mg/g		
(1R)-ENDO-(+)-FENCHYL ALCOHOL	0.046 %	0.46 mg/g		
α-HUMULENE	0.030 %	0.30 mg/g		
α-TERPINEOL	0.028 %	0.28 mg/g		
OCIMENE	0.025 %	0.25 mg/g		
CAMPHENE	0.020 %	0.20 mg/g		
SABINENE HYDRATE	0.020 %	0.20 mg/g		
TRANS-β-FARNESENE	0.013 %	0.13 mg/g		

ANALYTE	AMT	AMT	LOD/LOQ	PASS/FAIL
CAMPHOR	ND	ND		
CARVACROL	ND	ND		
CEDROL	ND	ND		
CITRONELLOL	ND	ND		
EUCALYPTOL	ND	ND		
FARNESOL	ND	ND		
γ-TERPINENE	ND	ND		
GERANIOL	ND	ND		
GERANYL ACETATE	ND	ND		
ISOBORNEOL	ND	ND		
M-CYMENE	ND	ND		
MENTHOL	ND	ND		
NEROL	ND	ND		
NEROLIDOL	ND	ND		

(+)-BORNEOL	ND	ND
(-)-α-BISABOLOL	ND	ND
(-)-BORNEOL	ND	ND
(-)-CARYOPHYLLENE OXIDE	ND	ND
(-)-GUAIOL	ND	ND
(-)-ISOPULEGOL	ND	ND
(1S)-(+)-3-CARENE	ND	ND
α-CEDRENE	ND	ND
α-PHELLANDRENE	ND	ND
α-TERPINENE	ND	ND
O-CYMENE	ND	ND
P-ISOPROPYLTOLUENE (P-CYMENE)	ND	ND
PHYTANE	ND	ND
SABINENE	ND	ND
SQUALENE	ND	ND
TERPINEN-4-OL	ND	ND
TERPINOLENE	ND	ND
THYMOL	ND	ND
VALENCENE	ND	ND

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