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

AZ LICENSE #: 00000017LCJV69168365

CERTIFICATE OF ANALYSIS

PRODUCED: OCT 05, 2022

SAMPLE: RAINMAKER (FLOWER) // **CLIENT**: GLOBE FARMACY // **BATCH**: PASS

BATCH NO.: 090622R10- RM
MATRIX: FLOWER
CATEGORY: INHALABLE
SAMPLE ID: TLT-220930-005
COLLECTED ON: SEP 30, 2022
RECEIVED ON: SEP 30, 2022
BATCH/SAMPLE SIZE: 11000 G / 10 G
RECEIVED BY: KELSEY BRODNICK

CANNABINOID OVERVIEW

TOTAL THC:	26.072 %
TOTAL CBD:	0.091 %
TOTAL CANNABINOIDS:	30.851 %

CULTIVATOR INFO

CULTIVATOR
GLOBE FARMACY INC PROCESSING AND DISTRIBUTION
2727 N FAIRVIEW AVE
TUCSON, ARIZONA 85705

LICENSE
00000045DCYU00647140
ADULT-USE AND MEDICINAL - MANUFACTURING LICENSE

MANUFACTURER INFO

MANUFACTURER
GLOBE FARMACY INC PROCESSING AND DISTRIBUTION
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BATCH RESULT: PASS

POTENCY	TESTED
METALS	PASS
MICROBIAL	PASS
PESTICIDES	PASS
TERPENES	TESTED

DISTRIBUTOR INFO

DISTRIBUTOR
GLOBE FARMACY INC PROCESSING AND DISTRIBUTION
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SOP 50: CANNABINOID PROFILE BY HPLC-MS // OCT 04, 2022

ANALYTE	LIMIT	AMT	AMT	LOD/LOQ (mg/g)	PASS/FAIL
CBD		ND	ND	0.292/0.876	
CBDA	0.104 %	1.04 mg/g		0.292/0.876	
CBG		< LOQ	< LOQ	0.292/0.876	
CBN		ND	ND	0.292/0.876	
Δ^8-THC		ND	ND		

ANALYTE	LIMIT	AMT	AMT	LOD/LOQ (mg/g)	PASS/FAIL
Δ^9-THC		0.389 %	3.89 mg/g	0.292/0.876	
THCA		29.285 %	292.85 mg/g	3.335/10.006	
TOTAL THC**		26.072 %	260.72 mg/g		
TOTAL CBD**		0.091 %	0.91 mg/g		

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

SOP 50: EXPANDED CANNABINOID PROFILE BY HPLC-MS // OCT 04, 2022

ANALYTE	LIMIT	AMT	AMT	LOD/LOQ	PASS/FAIL
CBC		ND	ND		
CBCA		0.554 %	5.54 mg/g		

ANALYTE	LIMIT	AMT	AMT	LOD/LOQ	PASS/FAIL
CBGA		0.519 %	5.19 mg/g		

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

: TERPENES BY GC-MS // OCT 04, 2022

ANALYTE	AMT	AMT	LOD/LOQ	PASS/FAIL
TOTAL TERPENES	0.649 %	6.49 mg/g		
β-MYRCENE	0.424 %	4.24 mg/g		
D-LIMONENE	0.049 %	0.49 mg/g		
LINALOOL	0.042 %	0.42 mg/g		
α-HUMULENE	0.031 %	0.31 mg/g		
β-CARYOPHYLLENE	0.024 %	0.24 mg/g		
(-)-β-PINENE	0.021 %	0.21 mg/g		
OCIMENE	0.018 %	0.18 mg/g		
α-PINENE	0.009 %	0.09 mg/g		
NEROLIDOL	0.008 %	0.08 mg/g		
VALENCENE	0.008 %	0.08 mg/g		
(1R)-ENDO-(+)-FENCHYL ALCOHOL	0.006 %	0.06 mg/g		
α-TERPINEOL	0.005 %	0.05 mg/g		
CAMPHENE	0.002 %	0.02 mg/g		

ANALYTE	AMT	AMT	LOD/LOQ	PASS/FAIL
α-PHELLANDRENE	ND	ND		
α-TERPINENE	ND	ND		
CARVACROL	ND	ND		
CEDROL	ND	ND		
CITRONELLOL	ND	ND		
EUCALYPTOL	ND	ND		
FARNESOL	ND	ND		
γ-TERPINENE	ND	ND		
GERANIOL	ND	ND		
ISOBORNEOL	ND	ND		
M-CYMENE	ND	ND		
MENTHOL	ND	ND		
NEROL	ND	ND		
O-CYMENE	ND	ND		

TERPINOLENE	0.002 %	0.02 mg/g
(+)-BORNEOL	ND	ND
(-)-α-BISABOLOL	ND	ND
(-)-BORNEOL	ND	ND
(-)-GUAIOL	ND	ND
(-)-ISOPULEGOL	ND	ND
(1S)-(+)-3-CARENE	ND	ND
α-CEDRENE	ND	ND

P-CYMENE	ND	ND
PHYTANE	ND	ND
SABINENE	ND	ND
SABINENE HYDRATE	ND	ND
SQUALENE	ND	ND
TERPINEN-4-OL	ND	ND
THYMOL	ND	ND
TRANS-β-FARNESENE	ND	ND

RESULTS CERTIFIED BY: WILLIAM ENGLISH
LAB DIRECTOR, TITAN LABORATORIES
OCT 05, 2022

SOP 60: PESTICIDES BY LC-MS/MS // OCT 03, 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

TITAN LABORATORIES

SOP 121: SALMONELLA BY BAX Q7 QPCR // OCT 01, 2022

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

SOP 130: E. COLI BY 3M PETRIFILM // OCT 01, 2022

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

SOP 160: ASPERGILLUS BY GENE-UP QPCR // OCT 02, 2022

ANALYTE	LIMIT	AMT (CFU/g)	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

SOP 70: HEAVY METALS BY ICP-MS // OCT 04, 2022

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ	PASS/FAIL
ARSENIC	0.4 µg/g	0.046		PASS
CADMIUM	0.4 µg/g	0.008		PASS
LEAD	1 µg/g	0.078		PASS
MERCURY	1.2 µg/g	0.022		PASS

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