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

CERTIFICATE OF ANALYSIS

PRODUCED: JAN 30, 2023

SAMPLE: EX LHR APPLE BERRY (CONCENTRATE) // **CLIENT**: GLOBE FARMACY // **BATCH**: PASS

BATCH NO.: EX011823APBT1
MATRIX: CONCENTRATE
CATEGORY: INHALABLE
SAMPLE ID: TLT-230120-010
COLLECTED ON: JAN 20, 2023
RECEIVED ON: JAN 20, 2023
BATCH/SAMPLE SIZE: 1 KG / 8 G
RECEIVED BY: RAUL MANUEL MORALES JR
PACKAGE SIZE: 1 G

CANNABINOID OVERVIEW

TOTAL THC:	**68.938 %**
TOTAL CBD:	**0.15 %**
TOTAL CANNABINOIDS:	**82.305 %**

BATCH RESULT: PASS

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

SOP 50: CANNABINOID PROFILE BY HPLC-MS // JAN 25, 2023

ANALYTE	LIMIT	AMT	AMT	LOD/LOQ (mg/g)	PASS/FAIL
CBD		ND	ND	0.270/0.809	
CBDA		0.171 %	1.71 mg/g	0.270/0.809	
CBG		0.249 %	2.49 mg/g	0.270/0.809	
CBN		ND	ND	0.270/0.809	
Δ^8-THC		ND	ND		
Δ^9-THC		0.361 %	3.61 mg/g	0.270/0.809	
THCA		78.195 %	781.95 mg/g	13.945/41.834	

ANALYTE	LIMIT	AMT	AMT	LOD/LOQ (mg/g)	PASS/FAIL
TOTAL THC**		68.938 %	689.38 mg/g		
TOTAL CBD**		0.150 %	1.50 mg/g		
CBD/PKG		ND			
Δ^9-THC/PKG		3.610 mg			
TOTAL THC/PKG**		689.380 mg			
TOTAL CBD/PKG**		1.500 mg			

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

SOP 50: EXPANDED CANNABINOID PROFILE BY HPLC-MS // JAN 25, 2023

ANALYTE	LIMIT	AMT	AMT	LOD/LOQ	PASS/FAIL
CBC		ND	ND		
CBCA		2.008 %	20.08 mg/g		

ANALYTE	LIMIT	AMT	AMT	LOD/LOQ	PASS/FAIL
CBGA		1.321 %	13.21 mg/g		

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

RESULTS CERTIFIED BY: WILLIAM ENGLISH
LAB DIRECTOR, TITAN LABORATORIES
JAN 30, 2023

SOP 60: PESTICIDES BY LC-MS/MS // JAN 24, 2023

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 120: SALMONELLA BY GENE-UP QPCR // JAN 24, 2023

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

SOP 130: E. COLI BY 3M PETRIFILM // JAN 24, 2023

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

SOP 160: ASPERGILLUS BY GENE-UP QPCR // JAN 25, 2023

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 60: MYCOTOXINS BY LC-MS/MS // JAN 24, 2023

ANALYTE	LIMIT	AMT (µg/kg)	LOD/LOQ	PASS/FAIL
AFLATOXIN B1		ND		
AFLATOXIN B2		ND		
AFLATOXIN G1		ND		
AFLATOXIN G2		ND		
AFLATOXINS	20 µg/kg	ND		PASS
OCHRATOXIN A	20 µg/kg	ND		PASS

SOP 70: HEAVY METALS BY ICP-MS // JAN 30, 2023

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ	PASS/FAIL
ARSENIC	0.4 µg/g	ND		PASS
CADMIUM	0.4 µg/g	ND		PASS
LEAD	1 µg/g	ND		PASS
MERCURY	1.2 µg/g	ND		PASS

SOP 80: RESIDUAL SOLVENTS BY GC-MS // JAN 24, 2023

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ	PASS/FAIL
2,2-DIMETHYLBUTANE		ND		
2,3-DIMETHYLBUTANE		ND		
2-METHYLPENTANE		ND		
3-METHYLPENTANE		ND		
ACETONE	1000 µg/g	ND		PASS
ACETONITRILE	410 µg/g	ND		PASS
BENZENE	2 µg/g	ND		PASS
BUTANE		ND		
BUTANES	5000 µg/g	ND		PASS
CHLOROFORM	60 µg/g	ND		PASS
DICHLOROMETHANE	600 µg/g	ND		PASS
ETHANOL	5000 µg/g	ND		PASS
ETHYL ACETATE	5000 µg/g	ND		PASS
ETHYLBENZENE		ND		
ETHYL ETHER	5000 µg/g	ND		PASS
HEPTANE	5000 µg/g	ND		PASS
HEXANE		ND		
HEXANES	290 µg/g	ND		PASS
ISOBUTANE		ND		
ISOPENTANE		ND		
ISOPROPYL ACETATE	5000 µg/g	ND		PASS
ISOPROPYL ALCOHOL	5000 µg/g	ND		PASS
METHANOL	3000 µg/g	ND		PASS
NEOPENTANE		ND		
PENTANE		ND		
PENTANES	5000 µg/g	ND		PASS
PROPANE	5000 µg/g	ND		PASS
TOLUENE	890 µg/g	ND		PASS
O-XYLENE		ND		
P- AND M-XYLENE		ND		
TOTAL XYLENES	2170 µg/g	ND		PASS