

## CERTIFICATE OF ANALYSIS

\* FOR QUALITY ASSURANCE PURPOSES. NOT A ARIZONA COMPLIANCE CERTIFICATE.

PRODUCED: MAR 01, 2023

**SAMPLE:** 10:1, 10 MG D9 THC, TROPICAL BLAST GUMMIES TBD10N22023TH (EDIBLE SOLID) // **CLIENT:** TROJAN HORSE // **BATCH:** PASSED AS ARIZONA INDUSTRIAL HEMP



**BATCH NO.:** TBD10N22023TH  
**MATRIX:** EDIBLE SOLID  
**SAMPLE ID:** TLT-230222-014  
**COLLECTED ON:** FEB 22, 2023  
**RECEIVED ON:** FEB 22, 2023  
**SAMPLE SIZE:** 40 G  
**RECEIVED BY:** DAVIAN JAVIER PEDROZA  
**PACKAGE SIZE:** 5.8741 G

### CANNABINOID OVERVIEW

<b>TOTAL THC:</b>	<b>0.19 %</b>
<b>TOTAL CBD:</b>	<b>1.618 %</b>
<b>TOTAL CANNABINOIDS:</b>	<b>1.883 %</b>

### BATCH RESULT: PASSED AS ARIZONA INDUSTRIAL HEMP

<b>POTENCY</b>	PASS
<b>METALS</b>	PASS
<b>MICROBIAL</b>	PASS
<b>MYCOTOXINS</b>	PASS
<b>PESTICIDES</b>	PASS
<b>SOLVENTS</b>	PASS

### SOP 50: CANNABINOID PROFILE BY HPLC-MS // FEB 24, 2023

ANALYTE	LIMIT	AMT	AMT	LOD/LOQ (mg/g)	PASS/FAIL	ANALYTE	LIMIT	AMT	AMT	LOD/LOQ (mg/g)	PASS/FAIL
CBD	1.618 %	16.18 mg/g	ND	0.004/0.011		<b>TOTAL THC**</b>	0.190 %	1.90 mg/g			
CBDA	ND	ND	ND	0.004/0.011		<b>TOTAL CBD**</b>	1.618 %	16.18 mg/g			
CBG	0.018 %	0.18 mg/g	ND	0.004/0.011		<b>CBD/PKG</b>		95.043 mg			
CBN	0.011 %	0.11 mg/g	ND	0.004/0.011		<b>Δ<sup>9</sup>-THC/PKG</b>		11.161 mg			
Δ <sup>8</sup> -THC	ND	ND	ND			<b>TOTAL THC/PKG**</b>	100 mg	11.161 mg			PASS
Δ <sup>9</sup> -THC	0.190 %	1.90 mg/g	ND	0.004/0.011		<b>TOTAL CBD/PKG**</b>		95.043 mg			
THCA	ND	ND	ND	0.004/0.011							

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

### SOP 50: EXPANDED CANNABINOID PROFILE BY HPLC-MS // FEB 24, 2023

ANALYTE	LIMIT	AMT	AMT	LOD/LOQ	PASS/FAIL	ANALYTE	LIMIT	AMT	AMT	LOD/LOQ	PASS/FAIL
CBC	0.046 %	0.46 mg/g	ND			<b>CBGA</b>		ND	ND		
CBCA	ND	ND	ND								

\*\* TOTAL CBD = (CBCA X 0.877) + CBC  
 \*\* TOTAL THC = (CBCA X 0.877) + CBC



**RESULTS CERTIFIED BY:** WILLIAM ENGLISH  
 LAB DIRECTOR, TITAN LABORATORIES  
 MAR 01, 2023

*W.A. English*

[https://lims.tagleaf.com/coa\\_yLb9A99YiP](https://lims.tagleaf.com/coa_yLb9A99YiP)

SOP 60: PESTICIDES BY LC-MS/MS // FEB 23, 2023

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ	PASS/FAIL	ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ	PASS/FAIL
ABAMECTIN	0.5 µg/g	ND		PASS	HEXYTHIAZOX	1 µg/g	ND		PASS
ACEPHATE	0.4 µg/g	ND		PASS	IMAZALIL	0.2 µg/g	ND		PASS
ACEQUINOCYL	2 µg/g	ND		PASS	IMIDACLOPRID	0.4 µg/g	ND		PASS
ACETAMIPRID	0.2 µg/g	ND		PASS	KRESOXIM-METHYL	0.4 µg/g	ND		PASS
ALDICARB	0.4 µg/g	ND		PASS	MALATHION	0.2 µg/g	ND		PASS
AZOXYSTROBIN	0.2 µg/g	ND		PASS	METALAXYL	0.2 µg/g	ND		PASS
BIFENAZATE	0.2 µg/g	ND		PASS	METHIOCARB	0.2 µg/g	ND		PASS
BIFENTHRIN	0.2 µg/g	ND		PASS	METHOMYL	0.4 µg/g	ND		PASS
BOSCALID	0.4 µg/g	ND		PASS	MYCLOBUTANIL	0.2 µg/g	ND		PASS
CARBARYL	0.2 µg/g	ND		PASS	NALED	0.5 µg/g	ND		PASS
CARBOFURAN	0.2 µg/g	ND		PASS	OXAMYL	1 µg/g	ND		PASS
CHLORANTRANIL-IPROLE	0.2 µg/g	ND		PASS	PACLOBUTRAZOL	0.4 µg/g	ND		PASS
CHLORFENAPYR	1 µg/g	ND		PASS	PERMETHRIN	0.2 µg/g	ND		PASS
CHLORPYRIFOS	0.2 µg/g	ND		PASS	PHOSMET	0.2 µg/g	ND		PASS
CLOFENTEZINE	0.2 µg/g	ND		PASS	PIPERONYLBUTOXIDE	2 µg/g	ND		PASS
CYFLUTHRIN	1 µg/g	ND		PASS	PRALLETHRIN	0.2 µg/g	ND		PASS
CYPERMETHRIN	1 µg/g	ND		PASS	PROPICONAZOLE	0.4 µg/g	ND		PASS
DAMINOZIDE	1 µg/g	ND		PASS	PROPOXUR	0.2 µg/g	ND		PASS
DIAZINON	0.2 µg/g	ND		PASS	PYRETHRINS	1 µg/g	ND		PASS
DICHLORVOS	0.1 µg/g	ND		PASS	PYRIDABEN	0.2 µg/g	ND		PASS
DIMETHOATE	0.2 µg/g	ND		PASS	SPINOSAD	0.2 µg/g	ND		PASS
ETHOPROPHOS	0.2 µg/g	ND		PASS	SPIROMESIFEN	0.2 µg/g	ND		PASS
ETOFENPROX	0.4 µg/g	ND		PASS	SPIROTETRAMAT	0.2 µg/g	ND		PASS
ETOXAZOLE	0.2 µg/g	ND		PASS	SPIROXAMINE	0.4 µg/g	ND		PASS
FENOXYCARB	0.2 µg/g	ND		PASS	TEBUCONAZOLE	0.4 µg/g	ND		PASS
FENPYROXIMATE	0.4 µg/g	ND		PASS	THIACLOPRID	0.2 µg/g	ND		PASS
FIPRONIL	0.4 µg/g	ND		PASS	THIAMETHOXAM	0.2 µg/g	ND		PASS
FLONICAMID	1 µg/g	ND		PASS	TRIFLOXYSTROBIN	0.2 µg/g	ND		PASS
FLUDIOXONIL	0.4 µg/g	ND		PASS					



**SOP 120: SALMONELLA BY GENE-UP QPCR // FEB 27, 2023**

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

**SOP 130: E. COLI BY 3M PETRIFILM // FEB 28, 2023**

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

**SOP 60: MYCOTOXINS BY LC-MS/MS // FEB 23, 2023**

ANALYTE	LIMIT	AMT (µg/kg)	LOD/LOQ	PASS/FAIL
AFLATOXIN B1		ND		
AFLATOXIN B2		ND		
AFLATOXIN G1		ND		

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

**SOP 70: HEAVY METALS BY ICP-MS // FEB 27, 2023**

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ	PASS/FAIL
ARSENIC	0.4 µg/g	0.044		PASS
CADMIUM	0.4 µg/g	0.003		PASS

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ	PASS/FAIL
LEAD	1 µg/g	0.027		PASS
MERCURY	1.2 µg/g	0.018		PASS

**SOP 80: RESIDUAL SOLVENTS BY GC-MS // FEB 23, 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

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ	PASS/FAIL
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

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