

CERTIFICATE OF ANALYSIS

PRODUCED: OCT 10, 2019

2019-09-11_PINK PICASSO_DRYD2_FL (FLOWER) // CLIENT: WALNUT LLC

BATCH RESULT: **PASS****BATCH NO.:** 2019-09-11-PINK
PICASSO_DRYD2_FL**MATRIX:** FLOWER**CATEGORY:** INHALABLE**SAMPLE ID:** BCL-191007-006**COLLECTED ON:** OCT 07, 2019**RECEIVED ON:** OCT 07, 2019**BATCH SIZE:** 7633 GRAMS**SAMPLE SIZE:** 28 GRAMS

THCA

21.9 %

DELTA-9-THC

0.74 %

TOTAL CANNABINOIDS

23.97 %



MOISTURE

MICROBIAL
PASSMYCOTOXINS
PASSPESTICIDES
PASS

TERPENOIDS



CANNABINOIDS

HEAVY METALS
PASSWATER ACTIVITY
PASSFOREIGN
MATERIALS
PASS**CULTIVATOR**WALNUT LLC
3030 WALNUT STE 160
LONG BEACH, CA 90807**LICENSE**

PML19-0000600

TYPE

MEDICINAL - CULTIVATOR LICENSE

DISTRIBUTORWALNUT LLC
3030 WALNUT STE 160
LONG BEACH, CA 90807**LICENSE**

C11-0001016-LIC

TYPEADULT-USE AND MEDICINAL -
DISTRIBUTOR LICENSEALL LQC SAMPLES REQUIRED BY SECTION 5730 OF CALIFORNIA CODE OF REGULATIONS TITLE 16 DIVISION 42
BUREAU OF CANNABIS CONTROL WERE PERFORMED AND MET THE ACCEPTANCE CRITERIA.**RESULTS CERTIFIED BY: RON BROOKS, M.S.**

SCIENTIFIC DIRECTOR, BELCOSTA LABS

OCT 10, 2019



BCL-03: CANNABINOID POTENCY BY HPLC-UV

OCT 10, 2019

DRY-WEIGHT AMOUNTS SHOWN



ANALYTE	LABELED AMOUNT	DETECTED	DETECTED	LOD	LOQ	PASS/FAIL
CBC		ND	ND	0.025 mg/g	0.1 mg/g	N/A
CBCA		0.60111 %	6.0111 mg/g	0.025 mg/g	0.1 mg/g	N/A
CBD		ND	ND	0.025 mg/g	0.1 mg/g	N/A
CBD A		0.06971 %	0.6971 mg/g	0.025 mg/g	0.1 mg/g	N/A
CBDV		ND	ND	0.025 mg/g	0.1 mg/g	N/A
CBDVA		ND	ND	0.025 mg/g	0.1 mg/g	N/A
CBG		0.09483 %	0.9483 mg/g	0.025 mg/g	0.1 mg/g	N/A
CBGA		0.50537 %	5.0537 mg/g	0.025 mg/g	0.1 mg/g	N/A
CBN		ND	ND	0.025 mg/g	0.1 mg/g	N/A
Δ^8 -THC		ND	ND	0.025 mg/g	0.1 mg/g	N/A
Δ^9 -THC		0.73983 %	7.3983 mg/g	0.025 mg/g	0.1 mg/g	N/A
THCA		21.89831 %	218.9831 mg/g	0.025 mg/g	0.1 mg/g	N/A
THCV		ND	ND	0.025 mg/g	0.1 mg/g	N/A
THCVA		0.05987 %	0.5987 mg/g	0.025 mg/g	0.1 mg/g	N/A
TOTAL THC (TOTAL THC = (THCA X 0.877) + THC)		19.94465 %	199.4465 mg/g			N/A
TOTAL CBD (TOTAL CBD = (CBDA X 0.877) + CBD)		0.06114 %	0.6114 mg/g			N/A



BCL-09: TERPENOID TESTING BY HS-GC/FID
OCT 10, 2019

ANALYTE	LABELED AMOUNT	DETECTED	DETECTED	PASS/FAIL
TOTAL TERPENES		3.04232 %	30.4232 mg/g	N/A
D-LIMONENE		0.92556 %	9.2556 mg/g	N/A
LINALOOL		0.79063 %	7.9063 mg/g	N/A
β -CARYOPHYLLENE		0.65792 %	6.5792 mg/g	N/A
β -MYRCENE		0.18309 %	1.8309 mg/g	N/A
α -HUMULENE		0.18163 %	1.8163 mg/g	N/A
α -PINENE		0.10471 %	1.0471 mg/g	N/A
β -PINENE		0.07561 %	0.7561 mg/g	N/A
α -BISABOLOL		0.06235 %	0.6235 mg/g	N/A
TRANS-NEROLIDOL		0.06082 %	0.6082 mg/g	N/A
TERPINOLENE		ND	ND	N/A
α -OCIMENE		ND	ND	N/A
CAMPHERE		ND	ND	N/A
α -TERPINENE		ND	ND	N/A
ISOPULEGOL		ND	ND	N/A
GUAJOL		ND	ND	N/A
β -OCIMENE		ND	ND	N/A
GERANIOL		ND	ND	N/A



CIS-NEROLIDOL	ND	ND	N/A
Δ^3 -CARENE	ND	ND	N/A
γ -TERPINENE	ND	ND	N/A
P-CYMENE	ND	ND	N/A
1,8-CINEOLE	ND	ND	N/A

BCL-02: MOISTURE CONTENT BY GRAVIMETRY

OCT 08, 2019



ANALYTE	ACTION LIMIT	DETECTED	PASS/FAIL
MOISTURE		7.1 %	N/A

BCL-06: MICROBIOLOGICAL ANALYSIS BY QPCR

OCT 09, 2019



ANALYTE	ACTION LIMIT	DETECTED	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
ASPERGILLUS TERREUS	Any amount in 1 gram	ND	PASS
ESCHERICHIA COLI	Any amount in 1 gram	ND	PASS
SALMONELLA SPP.	Any amount in 1 gram	ND	PASS



BCL-11: MYCOTOXIN TESTING BY LC-MS/MS

OCT 10, 2019

ANALYTE	ACTION LIMIT	DETECTED	LOD	LOQ	PASS/FAIL
AFLATOXIN B1	20 µg/kg	ND	15 µg/kg	20 µg/kg	PASS
AFLATOXIN B2	20 µg/kg	ND	15 µg/kg	20 µg/kg	PASS
AFLATOXIN G1	20 µg/kg	ND	15 µg/kg	20 µg/kg	PASS
AFLATOXIN G2	20 µg/kg	ND	15 µg/kg	20 µg/kg	PASS
AFLATOXINS	20 µg/kg	ND	15 µg/kg	20 µg/kg	PASS
OCHRATOXIN A	20 µg/kg	ND	15 µg/kg	20 µg/kg	PASS

BCL-13: PESTICIDE TESTING BY GC/MS

OCT 10, 2019

ANALYTE	ACTION LIMIT	DETECTED	LOD	LOQ	PASS/FAIL	ANALYTE	ACTION LIMIT	DETECTED	LOD	LOQ	PASS/FAIL
CAPTAN	0.7 µg/g	ND	0.03 µg/g	0.05 µg/g	PASS	CYPERMETHRIN	1 µg/g	ND	0.03 µg/g	0.05 µg/g	PASS
CHLORDANE	Any amount	ND	0.03 µg/g	0.05 µg/g	PASS	DICHLORVOS	Any amount	ND	0.03 µg/g	0.05 µg/g	PASS
CHLORFENAPYR	Any amount	ND	0.03 µg/g	0.05 µg/g	PASS	METHYL PARATHION	Any amount	ND	0.03 µg/g	0.05 µg/g	PASS
CHLORPYRIFOS	Any amount	ND	0.03 µg/g	0.05 µg/g	PASS	PENTACHLORONI-TROBENZENE	0.1 µg/g	ND	0.03 µg/g	0.05 µg/g	PASS
CYFLUTHRIN	2 µg/g	ND	0.03 µg/g	0.05 µg/g	PASS						



BCL-05: RESIDUAL PESTICIDE ANALYSIS BY LC-MS/MS ESI

OCT 10, 2019

ANALYTE	ACTION LIMIT	DETECTED	LOD	LOQ	PASS/FAIL	ANALYTE	ACTION LIMIT	DETECTED	LOD	LOQ	PASS/FAIL
ABAMECTIN	0.1 µg/g	ND	0.03 µg/g	0.05 µg/g	PASS	IMIDACLOPRID	5 µg/g	ND	0.03 µg/g	0.05 µg/g	PASS
ACEPHATE	0.1 µg/g	ND	0.03 µg/g	0.05 µg/g	PASS	KRESOXIM-METHYL	0.1 µg/g	ND	0.03 µg/g	0.05 µg/g	PASS
ACEQUINOCYL	0.1 µg/g	ND	0.03 µg/g	0.05 µg/g	PASS	MALATHION	0.5 µg/g	ND	0.03 µg/g	0.05 µg/g	PASS
ACETAMIPRID	0.1 µg/g	ND	0.03 µg/g	0.05 µg/g	PASS	METALAXYL	2 µg/g	ND	0.03 µg/g	0.05 µg/g	PASS
ALDICARB	Any amount	ND	0.03 µg/g	0.05 µg/g	PASS	METHIOCARB	Any amount	ND	0.03 µg/g	0.05 µg/g	PASS
AZOXYSTROBIN	0.1 µg/g	ND	0.03 µg/g	0.05 µg/g	PASS	METHOMYL	1 µg/g	ND	0.03 µg/g	0.05 µg/g	PASS
BIFENAZATE	0.1 µg/g	ND	0.03 µg/g	0.05 µg/g	PASS	MEVINPHOS	Any amount	ND	0.03 µg/g	0.05 µg/g	PASS
BIFENTHRIN	3 µg/g	ND	0.03 µg/g	0.05 µg/g	PASS	MYCLOBUTANIL	0.1 µg/g	ND	0.03 µg/g	0.05 µg/g	PASS
BOSCALID	0.1 µg/g	ND	0.03 µg/g	0.05 µg/g	PASS	NALED	0.1 µg/g	ND	0.03 µg/g	0.05 µg/g	PASS
CARBARYL	0.5 µg/g	ND	0.03 µg/g	0.05 µg/g	PASS	OXAMYL	0.5 µg/g	ND	0.03 µg/g	0.05 µg/g	PASS
CARBOFURAN	Any amount	ND	0.03 µg/g	0.05 µg/g	PASS	PACLOBUTRAZOL	Any amount	ND	0.03 µg/g	0.05 µg/g	PASS
CHLORANTRANIL-IPROLE	10 µg/g	ND	0.03 µg/g	0.05 µg/g	PASS	PERMETHRIN	0.5 µg/g	ND	0.03 µg/g	0.05 µg/g	PASS
CLOFENTEZINE	0.1 µg/g	ND	0.03 µg/g	0.05 µg/g	PASS	PHOSMET	0.1 µg/g	ND	0.03 µg/g	0.05 µg/g	PASS
COUMAPHOS	Any amount	ND	0.03 µg/g	0.05 µg/g	PASS	PIPERONYLBUTO-XIDE	3 µg/g	ND	0.03 µg/g	0.05 µg/g	PASS
DAMINOZIDE	Any amount	ND	0.03 µg/g	0.05 µg/g	PASS	PRALLETHRIN	0.1 µg/g	ND	0.03 µg/g	0.05 µg/g	PASS
DIAZINON	0.1 µg/g	ND	0.03 µg/g	0.05 µg/g	PASS	PROPICONAZOLE	0.1 µg/g	ND	0.03 µg/g	0.05 µg/g	PASS
DIMETHOATE	Any amount	ND	0.03 µg/g	0.05 µg/g	PASS	PROPOXUR	Any amount	ND	0.03 µg/g	0.05 µg/g	PASS
DIMETHOMORPH	2 µg/g	ND	0.03 µg/g	0.05 µg/g	PASS	PYRETHRINS	0.5 µg/g	ND	0.03 µg/g	0.05 µg/g	PASS



REGULATORY COMPLIANCE TESTING

ETHOPROPHOS	Any amount	ND	0.03 µg/g	0.05 µg/g	PASS
ETOFENPROX	Any amount	ND	0.03 µg/g	0.05 µg/g	PASS
ETOXAZOLE	0.1 µg/g	ND	0.03 µg/g	0.05 µg/g	PASS
FENHEXAMID	0.1 µg/g	ND	0.03 µg/g	0.05 µg/g	PASS
FENOXYCARB	Any amount	ND	0.03 µg/g	0.05 µg/g	PASS
FENPYROXIMATE	0.1 µg/g	ND	0.03 µg/g	0.05 µg/g	PASS
FIPRONIL	Any amount	ND	0.03 µg/g	0.05 µg/g	PASS
FLONICAMID	0.1 µg/g	ND	0.03 µg/g	0.05 µg/g	PASS
FLUDIOXONIL	0.1 µg/g	ND	0.03 µg/g	0.05 µg/g	PASS
HEXYTHIAZOX	0.1 µg/g	ND	0.03 µg/g	0.05 µg/g	PASS
IMAZALIL	Any amount	ND	0.03 µg/g	0.05 µg/g	PASS

PYRIDABEN	0.1 µg/g	ND	0.03 µg/g	0.05 µg/g	PASS
SPINETORAM	0.1 µg/g	ND	0.03 µg/g	0.05 µg/g	PASS
SPINOSAD	0.1 µg/g	ND	0.03 µg/g	0.05 µg/g	PASS
SPIROMESIFEN	0.1 µg/g	ND	0.03 µg/g	0.05 µg/g	PASS
SPIROTETRAMAT	0.1 µg/g	ND	0.03 µg/g	0.05 µg/g	PASS
SPIROXAMINE	Any amount	ND	0.03 µg/g	0.05 µg/g	PASS
TEBUCONAZOLE	0.1 µg/g	ND	0.03 µg/g	0.05 µg/g	PASS
THIACLOPRID	Any amount	ND	0.03 µg/g	0.05 µg/g	PASS
THIAMETHOXAM	5 µg/g	ND	0.03 µg/g	0.05 µg/g	PASS
TRIFLOXYSTROB-IN	0.1 µg/g	ND	0.03 µg/g	0.05 µg/g	PASS

BCL-10: HEAVY METAL TESTING BY ICP-MS

OCT 10, 2019

ANALYTE	ACTION LIMIT	DETECTED	LOD	LOQ	PASS/FAIL
ARSENIC	0.2 µg/g	< LOQ	0.004 µg/g	0.011 µg/g	PASS
CADMIUM	0.2 µg/g	0.013 µg/g	0.004 µg/g	0.011 µg/g	PASS
LEAD	0.5 µg/g	0.049 µg/g	0.006 µg/g	0.019 µg/g	PASS
MERCURY	0.1 µg/g	< LOQ	0.004 µg/g	0.013 µg/g	PASS



BCL-12: WATER ACTIVITY BY HUMIDITY EQUILIBRIUM

OCT 08, 2019



ANALYTE	ACTION LIMIT	DETECTED	PASS/FAIL
WATER ACTIVITY	0.65 Aw	0.54 Aw	PASS

BCL-07: FOREIGN MATERIAL TESTING BY MICROSCOPY

OCT 08, 2019



ANALYTE	ACTION LIMIT	DETECTED	PASS/FAIL
CINDERS	25 %	ND	PASS
DIRT	25 %	ND	PASS
IMBEDDED FOREIGN MATERIAL	25 %	ND	PASS
INSECT FRAGMENTS	1 Unit	ND	PASS
MAMMAL EXCREMENT	1 Unit	ND	PASS
MOLD	25 %	ND	PASS
RODENT HAIR	1 Unit	ND	PASS
SAND	25 %	ND	PASS
SOIL	25 %	ND	PASS

