

CERTIFICATE OF ANALYSIS

PRODUCED: OCT 15, 2019

2019-09-05_PINK PICASSO_DRYD4_FL (FLOWER) // CLIENT: WALNUT LLC

BATCH RESULT: **PASS**

BATCH NO.: 2019-09-05_PINK
PICASSO_DRYD4_FL
MATRIX: FLOWER
CATEGORY: INHALABLE
SAMPLE ID: BCL-191010-001
COLLECTED ON: OCT 10, 2019
RECEIVED ON: OCT 10, 2019
BATCH SIZE: 5852 GRAMS
SAMPLE SIZE: 21 GRAMS

THCA 22.06 %

DELTA-9-THC 0.85 %

TOTAL CANNABINOIDS 24.24 %



MOISTURE



MICROBIAL
PASS



MYCOTOXINS
PASS



PESTICIDES
PASS



TERPENOIDs



CANNABINOIDS



HEAVY METALS
PASS



WATER ACTIVITY
PASS



FOREIGN
MATERIALS
PASS

CULTIVATOR

WALNUT LLC
3030 WALNUT STE 160
LONG BEACH, CA 90807

LICENSE
PML19-0000600

TYPE
MEDICINAL - CULTIVATOR LICENSE

DISTRIBUTOR

WALNUT LLC
3030 WALNUT STE 160
LONG BEACH, CA 90807

LICENSE
C11-0001016-LIC

TYPE
ADULT-USE AND MEDICINAL -
DISTRIBUTOR LICENSE

ALL 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 15, 2019




BCL-03: CANNABINOID POTENCY BY HPLC-UV

OCT 12, 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		0.63906 %	6.3906 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
CBDA		0.07567 %	0.7567 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		0.09245 %	0.9245 mg/g	0.025 mg/g	0.1 mg/g	N/A
CBGA		0.51551 %	5.1551 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		0.85469 %	8.5469 mg/g	0.025 mg/g	0.1 mg/g	N/A
THCA		22.06142 %	220.6142 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		ND	ND	0.025 mg/g	0.1 mg/g	N/A
TOTAL THC (TOTAL THC = (THCA X 0.877) + THC)		20.20256 %	202.0256 mg/g			N/A
TOTAL CBD (TOTAL CBD = (CBDA X 0.877) + CBD)		0.06637 %	0.6637 mg/g			N/A



BCL-09: TERPENOID TESTING BY HS-GC/FID
OCT 15, 2019

ANALYTE	LABELED AMOUNT	DETECTED	DETECTED	PASS/FAIL
TOTAL TERPENES		2.85152 %	28.5152 mg/g	N/A
LINALOOL		0.89049 %	8.9049 mg/g	N/A
D-LIMONENE		0.68883 %	6.8883 mg/g	N/A
β -CARYOPHYLLENE		0.64937 %	6.4937 mg/g	N/A
α -HUMULENE		0.21481 %	2.1481 mg/g	N/A
β -MYRCENE		0.16268 %	1.6268 mg/g	N/A
α -PINENE		0.0956 %	0.956 mg/g	N/A
α -BISABOLOL		0.07587 %	0.7587 mg/g	N/A
TRANS-NEROLIDOL		0.07387 %	0.7387 mg/g	N/A
TERPINOLENE		ND	ND	N/A
ISOPULEGOL		ND	ND	N/A
α -OCIMENE		ND	ND	N/A
CAMPHENE		ND	ND	N/A
α -TERPINENE		ND	ND	N/A
GUAJOL		ND	ND	N/A
GERANIOL		ND	ND	N/A
β -OCIMENE		ND	ND	N/A
β -PINENE		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 10, 2019



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

BCL-06: MICROBIOLOGICAL ANALYSIS BY QPCR

OCT 14, 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 13, 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-05: RESIDUAL PESTICIDE ANALYSIS BY LC-MS/MS ESI

OCT 13, 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



REGULATORY COMPLIANCE TESTING

BIFENTHRIN	3 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
CARBARYL	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
CHLORANTRANIL-IPROLE	10 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
COUMAPHOS	Any amount	ND	0.03 µg/g	0.05 µg/g	PASS
DAMINOZIDE	Any amount	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
DIMETHOATE	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
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

MYCLOBUTANIL	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
OXAMYL	0.5 µg/g	ND	0.03 µg/g	0.05 µg/g	PASS
PACLOBUTRAZOL	Any amount	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
PHOSMET	0.1 µg/g	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
PRALLETHRIN	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
PROPOXUR	Any amount	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
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



IMAZALIL	Any amount	ND	0.03 µg/g	0.05 µg/g	PASS
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BCL-13: PESTICIDE TESTING BY GC/MS

OCT 13, 2019

ANALYTE	ACTION LIMIT	DETECTED	LOD	LOQ	PASS/FAIL
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CAPTAN	0.7 µg/g	ND	0.03 µg/g	0.05 µg/g	PASS
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CHLORDANE	Any amount	ND	0.03 µg/g	0.05 µg/g	PASS
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CHLORFENAPYR	Any amount	ND	0.03 µg/g	0.05 µg/g	PASS
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CHLORPYRIFOS	Any amount	ND	0.03 µg/g	0.05 µg/g	PASS
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CYFLUTHRIN	2 µg/g	ND	0.03 µg/g	0.05 µg/g	PASS
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ANALYTE	ACTION LIMIT	DETECTED	LOD	LOQ	PASS/FAIL
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CYPERMETHRIN	1 µg/g	ND	0.03 µg/g	0.05 µg/g	PASS
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DICHLORVOS	Any amount	ND	0.03 µg/g	0.05 µg/g	PASS
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METHYL PARATHION	Any amount	ND	0.03 µg/g	0.05 µg/g	PASS
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PENTACHLORONI- TROBENZENE	0.1 µg/g	ND	0.03 µg/g	0.05 µg/g	PASS
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BCL-10: HEAVY METAL TESTING BY ICP-MS

OCT 12, 2019

ANALYTE	ACTION LIMIT	DETECTED	LOD	LOQ	PASS/FAIL
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ARSENIC	0.2 µg/g	0.014 µg/g	0.004 µg/g	0.011 µg/g	PASS
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CADMIUM	0.2 µg/g	0.025 µg/g	0.004 µg/g	0.011 µg/g	PASS
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LEAD	0.5 µg/g	< LOQ	0.006 µg/g	0.019 µg/g	PASS
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MERCURY	0.1 µg/g	< LOQ	0.004 µg/g	0.013 µg/g	PASS
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BCL-12: WATER ACTIVITY BY HUMIDITY EQUILIBRIUM

OCT 10, 2019



ANALYTE	ACTION LIMIT	DETECTED	PASS/FAIL
WATER ACTIVITY	0.65 Aw	0.52 Aw	PASS

BCL-07: FOREIGN MATERIAL TESTING BY MICROSCOPY

OCT 10, 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

