### REGULATORY COMPLIANCE TESTING



BELCOSTA LABS // 1131 E. SOUTH STREET LONG BEACH CA 90805 // PH: (562) 676-4206

CA LICENSE #: C8-0000008-LIC

#### CERTIFICATE OF ANALYSIS

PRODUCED: MAR 21, 2020

SAMPLE: 2020\_02\_26\_ORG\_FL (FLOWER) // CLIENT: WALNUT LLC // BATCH: PASS



BATCH NO.: 2020\_02\_26\_ORG\_FL MATRIX: FLOWER CATEGORY: INHALABLE SAMPLE ID: BCL-200318-002

COLLECTED ON: MAR 18, 2020 RECEIVED ON: MAR 18, 2020 BATCH SIZE: 3685 GRAMS SAMPLE SIZE: 13.5 GRAMS

TOTAL THC:	27.57912
TOTAL CBD:	0.07255
TOTAL CANNABINOIDS:	33.11757 9

#### **CULTIVATOR INFO**

CULTIVATOR
WALNUT LLC
3030 WALNUT STE 160
LONG BEACH, CA 90807

#### LICENSE

ANALYTE

CCL19-0000600 MEDICINAL - CULTIVATOR LICENSE

#### **DISTRIBUTOR INFO**

DISTRIBUTOR
WALNUT LLC
3030 WALNUT STE 160
LONG BEACH, CA 90807

#### LICENSE

C11-0001016-LIC ADULT-USE AND MEDICINAL DISTRIBUTOR LICENSE

AMOUNT LOD/LOQ (mg/g) PASS/FAIL



















BCL-03: CANNABINOID POTENCY BY HPLC-UV // MAR 20, 2020

#### BCL-09: TERPENOID TESTING BY HS-GC/FID // MAR 21, 2020

СВС	0.02467 %	0.2467	mg/g	0.025/0.1	N/A	TOTAL TERPENES	2.75953 %	27.5953 mg/g	N/A
CBCA	0.55975 %	5.5975	mg/g	0.025/0.1	N/A	D-LIMONENE	0.69338 %	6.9338 mg/g	
CBD	N D		N D	0.025/0.1	N/A	β-CARYOPHYLLENE	0.62826 %	6.2826 mg/g	
CBDA	0.08272 %	0.8272	mg/g	0.025/0.1	N/A	β-MYRCENE	0.37789 %	3.7789 mg/g	
CBDV	N D		N D	0.025/0.1	N/A	LINALOOL	0.36072 %	3.6072 mg/g	
CBDVA	N D		N D	0.025/0.1	N/A	α-HUMULENE	0.28182 %	2.8182 mg/g	
CBG	0.23679 %	2.3679	mg/g	0.025/0.1	N/A	<b>β-PINENE</b>	0.13376 %	1.3376 mg/g	
CBGA	0.77771 %	7.7771	mg/g	0.025/0.1	N/A	α-BISABOLOL	0.1442 %	1.442 mg/g	
CBN	N D		N D	0.025/0.1	N/A	α-PINENE	0.08039 %	0.8039 mg/g	
Δ8-THC	N D		N D	0.025/0.1	N/A	TRANS-NEROLIDOL	0.05911 %	0.5911 mg/g	
Δ <sup>9</sup> -THC	0.79745 %	7.9745	mg/g	0.025/0.1	N/A	CAMPHENE	N D	N D	
THCA	30.53782 %	305.3782	mg/g	0.025/0.1	N/A	CARYOPHYLLENE OXIDE	N D	N D	
THCV	N D		N D	0.025/0.1	N/A	β-OCIMENE	N D	N D	
THCVA	0.10066 %	1.0066	mg/g	0.025/0.1	N/A	α-TERPINENE	N D	N D	
TOTAL THC **	27.57912 %	275.7912	mg/g		N/A	Δ <sup>3</sup> -CARENE	N D	N D	
TOTAL CBD **	0.07255 %	0.7255	mg/g		N/A	y-TERPINENE	N D	N D	
** TOTAL THC =	(THCA X 0 87	7) + THC				GERANIOL	N D	ND	
** TOTAL CBD =	•	,				GUAIOL	N D	ND	
DRY-WEIGHT AN	IOUNTS SHOW	N				ISOPULEGOL	N D	N D	
						α-OCIMENE	N D	N D	
						P-CYMENE	ND	ND	

TERPINOLENE

CIS-NEROLIDOL

ANALYTE



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
MAR 21, 2020

N D

ND

ND

ND

MAR 21, 2020

N/A

N/A

## REGULATORY COMPLIANCE TESTING

#### BCL-05: RESIDUAL PESTICIDE ANALYSIS BY LC-MS/MS ESI // MAR 20, 2020

N D

N D

N D

0.03/0.05

0.03/0.05

0.03/0.05

ANALYTE	LIMIT	AMOUNT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL	ANALYTE	LIMIT	AMOUNT (μg/g)	LOD/LOQ (µg/g)	PASS/FAIL
ABAMECTIN	0.1 μg/g	N D	0.03/0.05	PASS	IMAZALIL	Any amount	N D	0.03/0.05	PASS
ACEPHATE	0.1 μg/g	N D	0.03/0.05	PASS	IMIDACLOPRID	5 μg/g	N D	0.03/0.05	PASS
ACEQUINOCYL	0.1 μg/g	N D	0.03/0.05	PASS	KRESOXIM- METHYL	0.1 μg/g	N D	0.03/0.05	PASS
ACETAMIPRID	0.1 μg/g	N D	0.03/0.05	PASS	MALATHION	0.5 11.0/0	N D	0.03/0.05	PASS
ALDICARB	Any amount	N D	0.03/0.05	PASS	METALAXYL	0.5 µg/g	N D	0.03/0.05	PASS
AZOXYSTROBIN	0.1 μg/g	N D	0.03/0.05	PASS		2 μg/g			
BIFENAZATE	0.1 µg/g	N D	0.03/0.05	PASS	METHIOCARB	Any amount	N D	0.03/0.05	PASS
BIFENTHRIN	3 µg/g	N D	0.03/0.05	PASS		1 μg/g	N D	0.03/0.05	PASS
BOSCALID	0.1 μg/g	N D	0.03/0.05	PASS	MEVINPHOS	Any amount	N D	0.03/0.05	PASS
CARBARYL	0.5 μg/g	N D	0.03/0.05	PASS	MYCLOBUTANIL	0.1 μg/g	N D	0.03/0.05	PASS
CARBOFURAN	Any amount	N D	0.03/0.05	PASS	NALED	0.1 μg/g	N D	0.03/0.05	PASS
CHLORANTRANIL-	10 μg/g	N D	0.03/0.05	PASS	OXAMYL PACLOBUTRAZOL	0.5 μg/g Any amount	N D	0.03/0.05	PASS
CLOFENTEZINE	0.1 μg/g	N D	0.03/0.05	PASS	PERMETHRIN	0.5 μg/g	N D	0.03/0.05	PASS
COUMAPHOS	Any amount	N D	0.03/0.05	PASS	PHOSMET	0.1 μg/g	N D	0.03/0.05	PASS
CYFLUTHRIN	2 μg/g	N D	0.03/0.05	PASS	PIPERONYLBUTO-	3 µg/g	N D	0.03/0.05	PASS
CYPERMETHRIN	1 μg/g	N D	0.03/0.05	PASS	XIDE				
DAMINOZIDE	Any amount	N D	0.03/0.05	PASS	PRALLETHRIN	0.1 μg/g	N D	0.03/0.05	PASS
DIAZINON	0.1 μg/g	N D	0.03/0.05	PASS	PROPICONAZOLE	0.1 µg/g	N D	0.03/0.05	PASS
DIMETHOATE	Any amount	N D	0.03/0.05	PASS	PROPOXUR	Any amount	N D	0.03/0.05	PASS
DIMETHOMORPH	2 μg/g	N D	0.03/0.05	PASS	PYRETHRINS	0.5 µg/g	N D	0.03/0.05	PASS
ETHOPROPHOS	Any amount	N D	0.03/0.05	PASS	PYRIDABEN	0.1 μg/g	N D	0.03/0.05	PASS
ETOFENPROX	Any amount	N D	0.03/0.05	PASS	SPINETORAM	0.1 μg/g	N D	0.03/0.05	PASS
ETOXAZOLE	0.1 μg/g	N D	0.03/0.05	PASS	SPINOSAD	0.1 µg/g	N D	0.03/0.05	PASS
FENHEXAMID	0.1 μg/g	N D	0.03/0.05	PASS	SPIROMESIFEN	0.1 μg/g	N D	0.03/0.05	PASS
FENOXYCARB	Any amount	N D	0.03/0.05	PASS	SPIROTETRAMAT	0.1 μg/g	N D	0.03/0.05	PASS
FENPYROXIMATE	0.1 μg/g	N D	0.03/0.05	PASS	SPIROXAMINE	Any amount	N D	0.03/0.05	PASS
FIPRONIL	Any amount	N D	0.03/0.05	PASS	TEBUCONAZOLE	0.1 μg/g	N D	0.03/0.05	PASS
FLONICAMID	0.1 μg/g	N D	0.03/0.05	PASS	THIACLOPRID	Any amount	N D	0.03/0.05	PASS
FLUDIOXONIL	0.1 μg/g	N D	0.03/0.05	PASS	THIAMETHOXAM	5 μg/g	N D	0.03/0.05	PASS
HEXYTHIAZOX	0.1 μg/g	N D	0.03/0.05	PASS	TRIFLOXYSTROB- IN	0.1 µg/g	N D	0.03/0.05	PASS
BCL-13: PESTICI	DE TESTING B	SY GC/MS // M	AR 20, 2020						
ANALYTE	LIMIT	AMOUNT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL	ANALYTE	LIMIT	AMOUNT (µg/g	) LOD/LOQ (μg/g)	PASS/FAIL
CAPTAN	0.7 μg/g	N D	0.03/0.05	PASS	DICHLORVOS	Any amoun	. ND	0.03/0.05	PASS
	_								



CHLORDANE

CHLORFENAPYR

CHLORPYRIFOS

Any amount

Any amount

Any amount

PASS

PASS

PASS

METHYL PARATHION Any amount

0.1 µg/g

PENTACHLORONI-

TROBENZENE

0.03/0.05

0.03/0.05

PASS

PASS

N D

N D

## REGULATORY COMPLIANCE TESTING

# BCL-07: FOREIGN MATERIAL TESTING BY MICROSCOPY $/\!/$ MAR 19, 2020

ANALYTE	LIMIT	AMOUNT (%)	PASS/FAIL
CINDERS	25 %	N D	PASS
DIRT	25 %	N D	PASS
IMBEDDED FOREIGN MATERIAL	25 %	N D	PASS
INSECT FRAGMENTS	1 Unit	N D	PASS
MAMMAL EXCREMENT	1 Unit	N D	PASS
MOLD	25 %	N D	PASS
RODENT HAIR	1 Unit	N D	PASS
SAND	25 %	N D	PASS
SOIL	25 %	N D	PASS

#### BCL-020: HEAVY METAL TESTING BY ICP-MS // MAR 20, 2020

ANALYTE	LIMIT	AMOUNT (μg/g)	LOD/LOQ (µg/g)	PASS/FAIL
ARSENIC	0.2 μg/g	< L0Q	0.001/0.05	PASS
CADMIUM	0.2 µg/g	< LOQ	0.0002/0.05	PASS
LEAD	0.5 µg/g	< LOQ	0.0003/0.05	PASS
MERCURY	0.1 μg/g	ND	0.0001/0.01	PASS

#### BCL-02: MOISTURE CONTENT BY GRAVIMETRY // MAR 19, 2020

ANALYTE	LIMIT	AMOUNT (%)	PASS/FAIL
MOISTURE		6.4	N/A

#### BCL-06: MICROBIOLOGICAL ANALYSIS BY QPCR // MAR 20, 2020

ANALYTE		LIMIT	AMOUNT (CFU)	PASS/FAIL
ASPERGILLUS FLAVUS	Any amount in 1	gram	N D	PASS
ASPERGILLUS FUMIGATUS	Any amount in 1	gram	N D	PASS
ASPERGILLUS NIGER	Any amount in 1	gram	N D	PASS
ASPERGILLUS TERREUS	Any amount in 1	gram	N D	PASS
ESCHERICHIA COLI	Any amount in 1	gram	N D	PASS
SALMONELLA SPP.	Any amount in 1	gram	N D	PASS

#### BCL-11: MYCOTOXIN TESTING BY LC-MS/MS // MAR 20, 2020

ANALYTE	LIMIT	AMOUNT (µg/kg)	LOD/LOQ (µg/kg)	PASS/FAIL
AFLATOXIN B1		N D	1.476/4.472	N/A
AFLATOXIN B2		N D	1.683/5.101	N/A
AFLATOXIN G1		N D	1.559/4.723	N/A
AFLATOXIN G2		N D	1.585/4.804	N/A
AFLATOXINS	20 μg/kg	N D	6.303/19.1	PASS
OCHRATOXIN A	20 μg/kg	N D	3.312/10.037	PASS

# BCL-12: WATER ACTIVITY BY HUMIDITY EQUILIBRIUM // MAR 19, 2020

ANALYTE	LIMIT	AMOUNT (Aw)	PASS/FAIL
WATER ACTIVITY	0.65 Aw	0.54	PASS

