

CERTIFICATE OF ANALYSIS

* FOR QUALITY ASSURANCE PURPOSES. NOT A CALIFORNIA COMPLIANCE CERTIFICATE.

PRODUCED: JUN 21, 2019

MP OIL (CONCENTRATE) // CLIENT: METAGREEN VENTURES // BATCH RESULT: **PASS**



BATCH NO.: 1
MATRIX: CONCENTRATE
CATEGORY: INHALABLE
SAMPLE ID: BCL-190618-016
COLLECTED ON: JUN 18, 2019
RECEIVED ON: JUN 18, 2019
BATCH SIZE: 7 GRAMS
SAMPLE SIZE: 7 GRAMS

CBD 87.05 %

CBDA 6.49 %

TOTAL CANNABINOIDS 94.37 %



RESULTS CERTIFIED BY: RON BROOKS, M.S.

SCIENTIFIC DIRECTOR, BELCOSTA LABS

JUN 21, 2019



ANALYTE	LABELED AMOUNT	DETECTED	DETECTED	LOD	LOQ	PASS/FAIL
CBC *		ND	ND	0.025 mg/g	0.1 mg/g	N/A
CBCA *		ND	ND	0.025 mg/g	0.1 mg/g	N/A
CBD		87.05449 %	870.5449 mg/g	0.025 mg/g	0.1 mg/g	N/A
CBDA		6.48667 %	64.8667 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		0.82737 %	8.2737 mg/g	0.025 mg/g	0.1 mg/g	N/A
CBGA *		ND	ND	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		ND	ND	0.025 mg/g	0.1 mg/g	N/A
THCA		ND	ND	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)		ND	ND			N/A
TOTAL CBD (TOTAL CBD = (CBDA X 0.877) + CBD)		92.7433 %	927.433 mg/g			N/A

* BEYOND SCOPE OF ACCREDITATION



BCL-09: TERPENOID TESTING BY HS-GC/FID
JUN 21, 2019

ANALYTE	LABELED AMOUNT	DETECTED	DETECTED	PASS/FAIL
TOTAL TERPENES		0.01433 %	0.1433 mg/g	N/A
α -BISABOLOL		0.01029 %	0.1029 mg/g	N/A
TRANS-NEROLIDOL		0.00404 %	0.0404 mg/g	N/A
α -TERPINENE		ND	ND	N/A
P-CYMENE		ND	ND	N/A
γ -TERPINENE		ND	ND	N/A
D-LIMONENE		ND	ND	N/A
CIS-NEROLIDOL		ND	ND	N/A
β -PINENE		ND	ND	N/A
β -OCIMENE		ND	ND	N/A
β -MYRCENE		ND	ND	N/A
β -CARYOPHYLLENE		ND	ND	N/A
1,8-CINEOLE		ND	ND	N/A
CAMPHENE		ND	ND	N/A
α -OCIMENE		ND	ND	N/A
α -HUMULENE		ND	ND	N/A
TERPINOLENE		ND	ND	N/A
LINALOOL		ND	ND	N/A



ISOPULEGOL	ND	ND	N/A
GUAJOL	ND	ND	N/A
GERANIOL	ND	ND	N/A
Δ^3 -CARENE	ND	ND	N/A
α -PINENE	ND	ND	N/A

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

JUN 20, 2019

ANALYTE	ACTION LIMIT	DETECTED	LOD	LOQ	PASS/FAIL
AFLATOXINS	20 $\mu\text{g/kg}$	ND	15 $\mu\text{g/kg}$	25 $\mu\text{g/kg}$	PASS
OCHRATOXIN A	20 $\mu\text{g/kg}$	ND	15 $\mu\text{g/kg}$	25 $\mu\text{g/kg}$	PASS

BCL-13: PESTICIDE TESTING BY GC/MS

JUN 21, 2019

ANALYTE	ACTION LIMIT	DETECTED	LOD	LOQ	PASS/FAIL
CAPTAN	0.7 $\mu\text{g/g}$	ND	0.03 $\mu\text{g/g}$	0.05 $\mu\text{g/g}$	PASS
CHLORDANE	Any amount	ND	0.03 $\mu\text{g/g}$	0.05 $\mu\text{g/g}$	PASS
CHLORFENAPYR	Any amount	ND	0.03 $\mu\text{g/g}$	0.05 $\mu\text{g/g}$	PASS
CHLORPYRIFOS	Any amount	ND	0.03 $\mu\text{g/g}$	0.05 $\mu\text{g/g}$	PASS
CYFLUTHRIN	2 $\mu\text{g/g}$	ND	0.03 $\mu\text{g/g}$	0.05 $\mu\text{g/g}$	PASS

ANALYTE	ACTION LIMIT	DETECTED	LOD	LOQ	PASS/FAIL
CYPERMETHRIN	1 $\mu\text{g/g}$	ND	0.03 $\mu\text{g/g}$	0.05 $\mu\text{g/g}$	PASS
DICHLORVOS	Any amount	ND	0.03 $\mu\text{g/g}$	0.05 $\mu\text{g/g}$	PASS
METHYL PARATHION	Any amount	ND	0.03 $\mu\text{g/g}$	0.05 $\mu\text{g/g}$	PASS
PENTACHLORONI-TROBENZENE	0.1 $\mu\text{g/g}$	ND	0.03 $\mu\text{g/g}$	0.05 $\mu\text{g/g}$	PASS



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

JUN 20, 2019

ANALYTE	ACTION LIMIT	DETECTED	LOD	LOQ	PASS/FAIL
ABAMECTIN	0.1 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
ACEQUINOCYL	0.1 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
ALDICARB	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
BIFENAZATE	0.1 µg/g	ND	0.03 µg/g	0.05 µg/g	PASS
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

ANALYTE	ACTION LIMIT	DETECTED	LOD	LOQ	PASS/FAIL
IMIDACLOPRID	5 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
MALATHION	0.5 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
METHIOCARB	Any amount	ND	0.03 µg/g	0.05 µg/g	PASS
METHOMYL	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
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



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

JUN 20, 2019

ANALYTE	ACTION LIMIT	DETECTED	LOD	LOQ	PASS/FAIL
ARSENIC	0.2 µg/g	ND	0.000353 µg/g	0.001069 µg/g	PASS
CADMIUM	0.2 µg/g	ND	0.000357 µg/g	0.001082 µg/g	PASS
LEAD	0.5 µg/g	0.03 µg/g	0.000638 µg/g	0.001933 µg/g	PASS
MERCURY	0.1 µg/g	ND	0.000412 µg/g	0.001251 µg/g	PASS



BCL-04: RESIDUAL SOLVENT ANALYSIS BY HS/GC-FID
JUN 20, 2019

ANALYTE	ACTION LIMIT	DETECTED	LOD	LOQ	PASS/FAIL
1,2-DICHLOROETHANE	1 µg/g	ND	0.6 µg/g	1 µg/g	PASS
ACETONE	5000 µg/g	48 µg/g	6 µg/g	15 µg/g	PASS
ACETONITRILE	410 µg/g	ND	3.6 µg/g	6 µg/g	PASS
BENZENE	1 µg/g	ND	0.6 µg/g	1 µg/g	PASS
BUTANE	5000 µg/g	ND	6 µg/g	10 µg/g	PASS
CHLOROFORM	1 µg/g	ND	0.6 µg/g	1 µg/g	PASS
ETHANOL	5000 µg/g	ND	6 µg/g	15 µg/g	PASS
ETHYL ACETATE	5000 µg/g	ND	6 µg/g	10 µg/g	PASS
ETHYL ETHER	5000 µg/g	ND	6 µg/g	10 µg/g	PASS
ETHYLENE OXIDE	1 µg/g	ND	0.6 µg/g	1 µg/g	PASS
HEPTANE	5000 µg/g	ND	6 µg/g	10 µg/g	PASS
HEXANE	290 µg/g	ND	6 µg/g	10 µg/g	PASS
ISOPROPYL ALCOHOL	5000 µg/g	ND	6 µg/g	15 µg/g	PASS
METHANOL	3000 µg/g	ND	6 µg/g	15 µg/g	PASS
METHYLENE CHLORIDE	1 µg/g	ND	0.6 µg/g	1 µg/g	PASS
PENTANE	5000 µg/g	ND	6 µg/g	10 µg/g	PASS
PROPANE	5000 µg/g	ND	6 µg/g	10 µg/g	PASS
TOLUENE	890 µg/g	ND	6 µg/g	10 µg/g	PASS



TOTAL XYLENES	2170 µg/g	ND	6 µg/g	10 µg/g	PASS
TRICHLOROETHY- LENE	1 µg/g	ND	0.6 µg/g	1 µg/g	PASS

** FOR QUALITY ASSURANCE PURPOSES. NOT A CALIFORNIA COMPLIANCE CERTIFICATE.*

