

CERTIFICATE OF ANALYSIS

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

PRODUCED: APR 12, 2021

SAMPLE: GSC PLANT BASED TERPENES (OTHER (INHALABLE)) // CLIENT: TERP SCIENCE // BATCH: PASS



BATCH NO.: 12142
 MATRIX: OTHER (INHALABLE)
 CATEGORY: INHALABLE
 SAMPLE ID: BCL-210331-134
 COLLECTED ON: MAR 31, 2021
 RECEIVED ON: MAR 31, 2021
 BATCH SIZE: 12.9 GRAMS
 SAMPLE SIZE: 12.9 GRAMS



BCL-03: CANNABINOID POTENCY BY HPLC-UV // APR 04, 2021

ANALYTE	AMT	AMT	LOD/LOQ (mg/g)	PASS/FAIL
CBC	ND	ND	0.00027/0.00615	N/A
CBCA	ND	ND	0.00077/0.00615	N/A
CBD	ND	ND	0.00038/0.00615	N/A
CBDA	ND	ND	0.0002/0.00615	N/A
CBDV	ND	ND	0.0003/0.00615	N/A
CBDVA	ND	ND	0.0002/0.00615	N/A
CBG	ND	ND	0.00036/0.00615	N/A
CBGA	ND	ND	0.00025/0.00615	N/A
CBN	ND	ND	0.0002/0.00615	N/A
Δ ⁸ -THC	ND	ND	0.00071/0.00615	N/A
Δ ⁹ -THC	ND	ND	0.00052/0.00615	N/A
THCA	ND	ND	0.00037/0.00615	N/A
THCV	ND	ND	0.00041/0.00615	N/A
THCVA	ND	ND	0.00028/0.00615	N/A
TOT THC **	ND	ND		N/A
TOT CBD **	ND	ND		N/A

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

TERPENOID TESTING BY HS-GC/FID

ANALYTE	AMT	AMT	LOD/LOQ ()	PASS/FAIL
TOTAL TERPENES	ND	ND		N/A
α-PINENE	NT	NT		N/A
CAMPHENE	NT	NT		N/A
β-PINENE	NT	NT		N/A
β-MYRCENE	NT	NT		N/A
Δ ³ -CARENE	NT	NT		N/A
α-TERPINENE	NT	NT		N/A
D-LIMONENE	NT	NT		N/A
P-CYMENE	NT	NT		N/A
α-OCIMENE	NT	NT		N/A
β-OCIMENE	NT	NT		N/A
γ-TERPINENE	NT	NT		N/A
TERPINOLENE	NT	NT		N/A
LINALOOL	NT	NT		N/A
ISOPULEGOL	NT	NT		N/A
GERANIOL	NT	NT		N/A
β-CARYOPHYLLENE	NT	NT		N/A
α-HUMULENE	NT	NT		N/A
CIS-NEROLIDOL	NT	NT		N/A
TRANS-NEROLIDOL	NT	NT		N/A
GUAIOL	NT	NT		N/A
α-BISABOLOL	NT	NT		N/A
1,8-CINEOLE *	NT	NT		N/A

* BEYOND SCOPE OF ACCREDITATION



RESULTS CERTIFIED BY: RON BROOKS, M.S.
 LABORATORY DIRECTOR, BELCOSTA LABS
 APR 12, 2021

BCL-13: PESTICIDE TESTING BY GC/MS // APR 03, 2021

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
CAPTAN	0.7 µg/g	ND	0.01977/0.06	PASS
CHLORDANE	Any amt	ND		PASS
CHLORDANE CIS		ND	0.01199/0.03	N/A
CHLORDANE TRANS		ND	0.01082/0.03	N/A
CHLORFENAPYR	Any amt	ND	0.01364/0.06	PASS

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
CHLORPYRIFOS	Any amt	ND	0.01653/0.06	PASS
DICHLORVOS	Any amt	ND	0.01165/0.06	PASS
METHYL PARATHION	Any amt	ND	0.00851/0.06	PASS
PENTACHLORONI-TROBENZENE	0.1 µg/g	ND	0.01282/0.06	PASS

BCL-05: RESIDUAL PESTICIDE ANALYSIS BY LC-MS/MS ESI // APR 03, 2021

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
ABAMECTIN	0.1 µg/g	ND	0.01153/0.04	PASS
ACEPHATE	0.1 µg/g	ND	0.00368/0.02	PASS
ACEQUINOCYL	0.1 µg/g	ND	0.00417/0.02	PASS
ACETAMIPRID	0.1 µg/g	ND	0.00464/0.02	PASS
ALDICARB	Any amt	ND	0.01109/0.04	PASS
AZOXYSTROBIN	0.1 µg/g	ND	0.00639/0.02	PASS
BIFENAZATE	0.1 µg/g	ND	0.00355/0.02	PASS
BIFENTHRIN	3 µg/g	ND	0.00473/0.04	PASS
BOSCALID	0.1 µg/g	ND	0.00494/0.02	PASS
CARBARYL	0.5 µg/g	ND	0.00295/0.02	PASS
CARBOFURAN	Any amt	ND	0.00613/0.02	PASS
CHLORANTRANIL-IPROLE	10 µg/g	ND	0.00697/0.04	PASS
CLOFENTEZINE	0.1 µg/g	ND	0.0054/0.02	PASS
COUMAPHOS	Any amt	ND	0.00215/0.02	PASS
CYFLUTHRIN	2 µg/g	ND	0.05508/0.2	PASS
CYPERMETHRIN	1 µg/g	ND	0.00556/0.04	PASS
DAMINOZIDE	Any amt	ND	0.00227/0.04	PASS
DIAZINON	0.1 µg/g	ND	0.00487/0.02	PASS
DIMETHOATE	Any amt	ND	0.00354/0.02	PASS
DIMETHOMORPH	2 µg/g	ND		PASS
DIMETHOMORPH I		ND	0.00109/0.0078	N/A
DIMETHOMORPH II		ND	0.0015/0.0122	N/A
ETHOPROPHOS	Any amt	ND	0.0041/0.02	PASS
ETOFENPROX	Any amt	ND	0.00274/0.02	PASS
ETOXAZOLE	0.1 µg/g	ND	0.00385/0.02	PASS
FENHEXAMID	0.1 µg/g	ND	0.01055/0.02	PASS
FENOXYCARB	Any amt	ND	0.00175/0.02	PASS
FENPYROXIMATE	0.1 µg/g	ND	0.00481/0.02	PASS
FIPRONIL	Any amt	ND	0.00478/0.02	PASS
FLONICAMID	0.1 µg/g	ND	0.00398/0.02	PASS
FLUDIOXONIL	0.1 µg/g	ND	0.01369/0.04	PASS
HEXYTHIAZOX	0.1 µg/g	ND	0.00297/0.02	PASS
IMAZALIL	Any amt	ND	0.0056/0.02	PASS
IMIDACLOPRID	5 µg/g	ND	0.00645/0.02	PASS
KRESOXIM-METHYL	0.1 µg/g	ND	0.00339/0.02	PASS

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
MALATHION	0.5 µg/g	ND	0.00472/0.02	PASS
METALAXYL	2 µg/g	ND	0.00503/0.02	PASS
METHIOCARB	Any amt	ND	0.00503/0.02	PASS
METHOMYL	1 µg/g	ND	0.00494/0.02	PASS
MEVINPHOS	Any amt	ND		PASS
MEVINPHOS I		ND	0.00163/0.0084	N/A
MEVINPHOS II		ND	0.00542/0.0316	N/A
MYCLOBUTANIL	0.1 µg/g	ND	0.00867/0.04	PASS
NALED	0.1 µg/g	ND	0.00328/0.02	PASS
OXAMYL	0.5 µg/g	ND	0.00455/0.02	PASS
PACLOBUTRAZOL	Any amt	ND	0.00714/0.04	PASS
PERMETHRIN	0.5 µg/g	ND		PASS
PERMETHRIN CIS		ND	0.00237/0.0082	N/A
PERMETHRIN TRANS		ND	0.00245/0.0118	N/A
PHOSMET	0.1 µg/g	ND	0.0043/0.02	PASS
PIPERONYLBUTO-XIDE	3 µg/g	ND	0.00247/0.02	PASS
PRALLETHRIN	0.1 µg/g	ND	0.00392/0.02	PASS
PROPICONAZOLE	0.1 µg/g	ND	0.0024/0.02	PASS
PROPOXUR	Any amt	ND	0.00374/0.02	PASS
PYRETHRINS	0.5 µg/g	ND	0.00726/0.04	PASS
PYRIDABEN	0.1 µg/g	ND	0.0034/0.02	PASS
SPINETORAM	0.1 µg/g	ND		PASS
SPINETORAM J		ND	0.00329/0.016	N/A
SPINETORAM L		ND	0.00157/0.016	N/A
SPINOSAD	0.1 µg/g	ND		PASS
SPINOSAD A		ND	0.00205/0.01438	N/A
SPINOSAD D		ND	0.00104/0.00498	N/A
SPIROMESIFEN	0.1 µg/g	ND	0.00944/0.04	PASS
SPIROTETRAMAT	0.1 µg/g	ND	0.00208/0.02	PASS
SPIROXAMINE	Any amt	ND	0.00344/0.02	PASS
TEBUCONAZOLE	0.1 µg/g	ND	0.00816/0.04	PASS
THIACLOPRID	Any amt	ND	0.0039/0.02	PASS
THIAMETHOXAM	5 µg/g	ND	0.00358/0.02	PASS
TRIFLOXYSTROB-IN	0.1 µg/g	ND	0.00421/0.02	PASS



BCL-18: RESIDUAL SOLVENTS ANALYSIS BY HS-GC-MS // APR 02, 2021

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
1,2-DICHLOROETHANE	1 µg/g	ND	0.17091/0.59618	PASS
ACETONE	5000 µg/g	59.943	19.23688/59.61844	PASS
ACETONITRILE	410 µg/g	ND	17.07075/59.61844	PASS
BENZENE	1 µg/g	ND	0.07552/0.59618	PASS
BUTANE	5000 µg/g	ND	18.00079/59.61844	PASS
CHLOROFORM	1 µg/g	ND	0.17488/0.59618	PASS
ETHANOL	5000 µg/g	ND	14.75755/59.61844	PASS
ETHYL ACETATE	5000 µg/g	ND	18.22337/59.61844	PASS
ETHYLENE OXIDE	1 µg/g	ND	0.19078/0.59618	PASS
ETHYL ETHER	5000 µg/g	ND	16.05326/59.61844	PASS
HEPTANE	5000 µg/g	ND	14.0461/59.61844	PASS
HEXANE	290 µg/g	ND	21.6256/99.36407	PASS
ISOPROPYL ALCOHOL	5000 µg/g	ND	14.90461/59.61844	PASS
METHANOL	3000 µg/g	ND	13.36645/59.61844	PASS
METHYLENE CHLORIDE	1 µg/g	ND	0.15103/0.59618	PASS
PENTANE	5000 µg/g	ND	32.86963/99.36407	PASS
PROPANE	5000 µg/g	ND	16.98331/59.61844	PASS
TOLUENE	890 µg/g	ND	9.38394/59.61844	PASS
TRICHLOROETHYLENE	1 µg/g	ND	0.07949/0.59618	PASS
O-XYLENE		ND	4.44356/29.80922	N/A
P- AND M-XYLENE		< LOQ	4.11765/29.80922	N/A
TOTAL XYLENES	2170 µg/g	<LOQ		PASS

BCL-07: FOREIGN MATERIAL TESTING BY MICROSCOPY // APR 01, 2021

ANALYTE	LIMIT	AMT (%)	PASS/FAIL
IMBEDDED FOREIGN MATERIAL	25 %	ND	PASS
INSECT FRAGMENTS, HAIR, MAMMAL EXCREMENT	1 Unit	ND	PASS
MOLD	25 %	ND	PASS
SAND, SOIL, CINDERS, DIRT	25 %	ND	PASS

BCL-11: MYCOTOXIN TESTING BY LC-MS/MS // APR 03, 2021

ANALYTE	LIMIT	AMT (µg/kg)	LOD/LOQ (µg/kg)	PASS/FAIL
AFLATOXIN B1		ND	0.23/4	N/A
AFLATOXIN B2		ND	0.181/4	N/A
AFLATOXIN G1		ND	0.155/4	N/A
AFLATOXIN G2		ND	0.934/4	N/A
AFLATOXINS	20 µg/kg	ND		PASS
OCHRATOXIN A	20 µg/kg	ND	0.385/4	PASS

BCL-020: HEAVY METAL TESTING BY ICP-MS // APR 02, 2021

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

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