Kaycha Labs
Pure 33 mg/mL
N/A
Matrix : Derivative

Certificate of Analysis

Dec 12, 2019 | TEC Biosciences Inc.
838 E. High Street #202 Lexington Kentucky,

EVIOLABS

SAMPLE:DA91210002-001
Harvest/Lot ID: 7064
Seed to Sale #N/A
Batch#: S436410
Sample Size: 13 ml
Ordered : 12/04/19
Sampled : 12/04/19
Completed: 12/12/19 Expires: 12/12/20
Sampling Method: SOP Client Method

PASSED

PRODUCT IMAGE

SAFETY RESULTS

Pesticides	Heavy Metals	Microbials	Mycotoxins	Residuals Solvents	Filth	Water Activity	Moisture
PASSED	PASSED	PASSED	PASSED	PASSED	NOT TESTED	NOT TESTED	NOT TESTED

MISC.

Terpenes
TESTED

CANNABINOID RESULTS

Total THC
0.130%

Total CBD
3.388%

CBC	CBGA	CBG	THCV	D8-THC	CBDV	CBN	CBDA	CBD	THCA	D9-THC
0.153 %	ND	0.033 %	ND	ND	0.015 %	ND	0.040 %	3.353 %	ND	0.130 %
1.530 mg/g	ND	0.330 mg/g	ND	ND	0.150 mg/g	ND	0.400 mg/g	33.530 mg/g	ND	1.300 mg/g

Cannabinoid Profile Test

Analyst	Weight	Sample Prep :	Extracted By :
450	3.0385g	2019-12-10 09:12:44	965

Analysis Method -SOP.T.40.020, SOP.T.30.050
Analytical Batch -DA008579POT

Reagent	Dilution	Consums. ID
120519.R03	400	76124-662 SFN-BX-1025 849C4-849AK 840C6-840H

Full spectrum cannabinoid analysis utilizing High Performance Liquid Chromatography with UV detection (HPLC-UV). (Method: SOP.T.30.050 for sample prep and Shimadzu High Sensitivity Method SOP.T.40.020 for analysis. LOQ for all cannabinoids is 1 mg/L).

Jorge Segredo
Lab Director
State License # n/a
ISO Accreditation # 97164

Signature

12/12/2019
Signed On

Certificate of Analysis

PASSED

TEC Biosciences Inc.

838 E. High Street #202 Lexington Kentucky,
Telephone: (859) 287-0300
Email: jacob.roney@tecbiosciences.com

Sample : DA91210002-001
Harvest/LOT ID: 7064

Batch# : S436410 **Sampled :** 12/04/19
Sample Size : 13 ml **Completed :** 12/12/19 **Expires :** 12/12/20
Sample Method : SOP Client Method
Ordered : 12/04/19

Terpenes — TESTED

Terpenes	TEST RESULT (%)
ALPHA-CEDRENE	ND
ALPHA-HUMULENE	0.039
ALPHA-PINENE	ND
ALPHA-TERPINENE	ND
BETA-MYRCENE	ND
BETA-PINENE	ND
BORNEOL	ND
CAMPHENE	ND
CAMPHOR	ND
CARYOPHYLLENE OXIDE	0.029
CEDROL	ND
ALPHA-BISABOLOL	0.105
ISOPULEGOL	ND
CIS-NEROLIDOL	ND
3-CARENE	ND
FENCHYL ALCOHOL	ND
HEXAHYDROTHYMOL	ND
EUCALYPTOL	ND
ISOBORNEOL	ND
FARNESENE	0.113
FENCHONE	ND
GAMMA-TERPINENE	ND
GERANIOL	ND
GERANYL ACETATE	ND
GUAIOL	0.025
LIMONENE	ND
LINALOOL	ND
NEROL	ND
OCIMENE	ND
ALPHA-PHELLANDRENE	ND
PULEGONE	ND
SABINENE	ND
SABINENE HYDRATE	ND

Terpenes	TEST RESULT (%)
TERPINEOL	ND
TERPINOLENE	ND
BETA-CARYOPHYLLENE	0.127
TRANS-NEROLIDOL	ND
VALENCENE	ND

Terpenes — TESTED

Analyst	Weight	Sample Prep :	Extracted By :
1118	1.0135g	2019-12-10 10:12:47	1118

Analysis Method -SOP.T.40.090
Analytical Batch -DA008577TER

Reagent	Dilution	Consums. ID
	10	

Terpenoid profile screening is performed using GC-MS with Liquid Injection (Gas Chromatography – Mass Spectrometer) which can screen 38 terpenes using Method SOP.T.40.091 Terpenoid Analysis Via GC/MS.

Total 0.441

Jorge Segredo
Lab Director

State License # n/a
ISO Accreditation # 97164

Signature

12/12/2019
Signed On

Certificate of Analysis

PASSED

TEC Biosciences Inc.

838 E. High Street #202 Lexington Kentucky,
Telephone: (859) 287-0300
Email: jacob.roney@tecbiosciences.com

Sample : DA91210002-001
Harvest/LOT ID: 7064

Batch# : S436410 **Sampled :** 12/04/19
Sample Size : 13 ml **Completed :** 12/12/19 **Expires :** 12/12/20
Sample Method : SOP Client Method
Ordered : 12/04/19

Pesticides

PASSED

Pesticides	LOQ	Action Level	Units	Result
CHLORDANE	0.010	0.1	ppm	ND
CAPTAN	0.100	3	ppm	ND
BOSCALID	0.010	3	PPM	ND
DIMETHOATE	0.010	0.1	ppm	ND
ABAMECTIN B1A	0.020	0.3	ppm	ND
CIS-PERMETHRIN	0.050	1	ppm	ND
SPINETORAM	0.010	3	PPM	ND
ACEPHATE	0.010	3	ppm	ND
DIMETHOMORPH	0.005	3	ppm	ND
ETHOPROPHOS	0.010	0.1	ppm	ND
ACEQUINOCYL	0.050	2	ppm	ND
ACETAMIPRID	0.010	3	ppm	ND
ETOFENPROX	0.010	0.1	ppm	ND
ALDICARB	0.020	0.1	ppm	ND
ETOXAZOLE	0.010	1.5	ppm	ND
AZOXYSTROBIN	0.010	3	ppm	ND
FENHEXAMID	0.010	3	ppm	ND
BIFENAZATE	0.010	3	ppm	ND
FENOXYCARB	0.010	0.1	ppm	ND
FENPYROXIMATE	0.010	2	ppm	ND
BIFENTHRIN	0.010	0.5	ppm	ND
CARBARYL	0.010	0.5	ppm	ND
FIPRONIL	0.020	0.1	ppm	ND
FLONICAMID	0.010	2	ppm	ND
CARBOFURAN	0.010	0.1	ppm	ND
CHLORANTRANILIPROLE	0.010	3	ppm	ND
FLUDIOXONIL	0.010	3	ppm	ND
HEXYTHIAZOX	0.010	2	ppm	ND
CHLORFENAPYR	0.010	0.1	ppm	ND
IMAZALIL	0.010	0.1	ppm	ND
CHLORPYRIFOS	0.010	0.1	ppm	ND
IMIDACLOPRID	0.010	3	ppm	ND
CLOFENTEZINE	0.010	0.5	ppm	ND
KRESOXIM-METHYL	0.010	1	ppm	ND
COUMAPHOS	0.005	0.1	ppm	ND
MALATHION	0.010	2	ppm	ND
CYPERMETHRIN	0.020	1	ppm	ND
DAMINOZIDE	0.020	0.1	ppm	ND
METALAXYL	0.010	3	ppm	ND

Pesticides	LOQ	Action Level	Units	Result
DICHLORVOS	0.050	0.1	ppm	ND
METHIOCARB	0.010	0.1	ppm	ND
METHOMYL	0.010	0.1	ppm	ND
DIAZANON	0.010	0.2	ppm	ND
MEVINPHOS	0.010	0.1	ppm	ND
MYCLOBUTANIL	0.010	3	ppm	ND
NALED	0.010	0.5	ppm	ND
OXAMYL	0.010	0.5	ppm	ND
PACLOBUTRAZOL	0.010	0.1	ppm	ND
TRANS-PERMETHRIN	0.050	1	ppm	ND
PHOSMET	0.010	0.2	ppm	ND
PIPERONYL BUTOXIDE	0.010	3	ppm	ND
PRALLETHRIN	0.050	0.4	ppm	ND
PROPICONAZOLE	0.010	1	ppm	ND
PROPOXUR	0.010	0.1	ppm	ND
PYRETHRIN I	0.010	1	ppm	ND
PYRIDABEN	0.010	3	ppm	ND
SPINOSAD (SPINOSYN A)	0.010	3	ppm	ND
SPINOSAD (SPINOSYN D)	0.010	3	ppm	ND
SPIROMESIFEN	0.010	3	ppm	ND
SPIROTETRAMAT	0.020	3	ppm	ND
SPIROXAMINE	0.010	0.1	ppm	ND
TEBUCONAZOLE	0.010	1	ppm	ND
THIACLOPRID	0.010	0.1	ppm	ND
THIAMETHOXAM	0.010	1	ppm	ND
TRIFLOXYSTROBIN	0.010	3	ppm	ND

Pesticides — PASSED

Analyst 585 **Weight** 1.0132g **Sample Prep :** 2019-12-10 11:12:51 **Extracted By :** 1082

Analysis Method - SOP.T.30.065, SOP.T.40.065
Analytical Batch - DA008588PES

Reagent	Dilution	Consums. ID
SOP.T.30.065, SOP.T.40.065		

Jorge Segredo
Lab Director

State License # n/a
ISO Accreditation # 97164

Signature

12/12/2019
Signed On

Certificate of Analysis

PASSED

TEC Biosciences Inc.

838 E. High Street #202 Lexington Kentucky,
Telephone: (859) 287-0300
Email: jacob.roney@tecbiosciences.com

Sample : DA91210002-001
Harvest/LOT ID: 7064

Batch# : S436410 **Sampled :** 12/04/19
Sample Size : 13 ml **Completed :** 12/12/19 **Expires :** 12/12/20
Ordered : 12/04/19 **Sample Method :** SOP Client Method

Residual Solvents — PASSED

SOLVENT	ACTION LEVEL (PPM)	PASS/FAIL	RESULT
PROPANE	2100	PASS	ND
BUTANES (N-BUTANE)	2000	PASS	ND
ETHYLENE OXIDE	5	PASS	ND
METHANOL	250	PASS	ND
ETHANOL	5000	PASS	140.346
PENTANES (N-PENTANE)	750	PASS	ND
ETHYL ETHER	500	PASS	ND
ACETONE	750	PASS	ND
2-PROPANOL	500	PASS	ND
ACETONITRILE	60	PASS	ND
DICHLOROMETHANE	125	PASS	ND
N-HEXANE	250	PASS	ND
ETHYL ACETATE	400	PASS	ND
BENZENE	1	PASS	ND
HEPTANE	500	PASS	ND
TOLUENE	150	PASS	ND
CHLOROFORM	2	PASS	ND
1,2-DICHLOROETHANE	2	PASS	ND
TRICHLOROETHYLENE	25	PASS	ND
1,1-DICHLOROETHENE	8	PASS	ND
TOTAL XYLENES	150	PASS	ND

Residual Solvents — PASSED

Analyst	Weight	Sample Prep :	Extracted By :
850	0.0211g	2019-12-10 12:12:59	850

Analysis Method -SOP.T.40.032
Analytical Batch -DA008603SOL

Reagent	Dilution	Consums. ID
	1	00276446 161040-1 24152436

Residual solvents screening is performed using GC-MS which can detect below single digit ppm concentrations. Currently we analyze for 34 Residual solvents. (Method: SOP.T.30.042 Residual Solvents Analysis via GC-MS).

Jorge Segredo
Lab Director

State License # n/a
ISO Accreditation # 97164

Signature

12/12/2019
Signed On

Kaycha Labs
Pure 33 mg/mL
N/A
Matrix : Derivative

Certificate of Analysis

PASSED

TEC Biosciences Inc.

838 E. High Street #202 Lexington Kentucky,
Telephone: (859) 287-0300
Email: jacob.roney@tecbiosciences.com

Sample : DA91210002-001
Harvest/LOT ID: 7064

Batch# : S436410 **Sampled :** 12/04/19
Sample Size : 13 ml **Completed :** 12/12/19 **Expires :** 12/12/20
Ordered : 12/04/19 **Sample Method :** SOP Client Method

Mycotoxins — PASSED

Analyte	Result	Action Level (PPM)
AFLATOXIN G2	ND	
AFLATOXIN G1	ND	
AFLATOXIN B2	ND	
AFLATOXIN B1	ND	
OCHRATOXIN A+	ND	0.02
TOTAL AFLATOXINS	ND	0.02

Analysis Method -SOP.T.30.065, SOP.T.40.065
Analytical Batch -DA008589

Analyst	Weight	Sample Prep :	Extracted By :
585	1g	NA	NA

Microbials — PASSED

Analyte	Result
ASPERGILLUS_FLAVUS	not present in 1 gram.
ASPERGILLUS_FUMIGATUS	not present in 1 gram.
ASPERGILLUS_NIGER	not present in 1 gram.
ASPERGILLUS_TERREUS	not present in 1 gram.
ESCHERICHIA_COLI_SHIGELLA_SPP	not present in 1 gram.
SALMONELLA_SPECIFIC_GENE	not present in 1 gram.
TOTAL_YEAST_AND_MOLD	not present in 1 gram.

Analysis Method -SOP.T.40.043
Analytical Batch -DA008581MIC

Analyst	Weight	Sample Prep :	Extracted By :
357	1.1003g	2019-12-10 09:12:05	1082

Heavy Metals — PASSED

Reagent	Dilution	Consums. ID
120519.R02	50	
121019.R01		
120919.R07		
112119.R02		
120419.R01		
120419.R02		
052419.01		

Metal	Result	Action Level (PPM)
ARSENIC	ND	1.5
CADMIUM	ND	0.5
LEAD	ND	0.5
MERCURY	ND	3

Analyst	Weight	Sample Prep :	Extracted By :
457	0.2558g	2019-12-11 02:12:53	457

Analysis Method -SOP.T.40.050, SOP.T.30.052
Analytical Batch -DA008584HEA

Heavy Metals screening is performed using ICP-MS (Inductively Coupled Plasma – Mass Spectrometer) which can screen down to below single digit ppb concentrations for regulated heavy metals using Method SOP.T.30.052 Sample Preparation for Heavy Metals Analysis via ICP-MS and SOP.T.40.050 Heavy Metals Analysis via ICP-MS.

Jorge Segredo
Lab Director

State License # n/a
ISO Accreditation # 97164

Signature

12/12/2019
Signed On