

Tropical Trainwreck

Sample ID: 1903CSALA1478.5176
Strain: Tropical Trainwreck
Matrix: Concentrates & Extracts
Type: Other
Sample Size: 13 units; Batch: 1,250 units

Produced: 03/04/2019
Collected: 03/05/2019
Received: 03/05/2019
Completed: 03/07/2019
Batch#: 030419TT

Distributor
Cypress Manufacturing Co
Lic. # A11-18-0000287-TEMP
1353 Dayton St, Unit B
Salinas, CA 93901

Producer
Cypress Manufacturing Co.
Lic. # CDPH-T00000344
20 Quail Run Circle, Unit B Salinas Ca
93907



Summary

Pass

74.91% Total Cannabinoids	Pass Pesticides	Pass Residual Solvents
Pass Microbials	Pass Mycotoxins	Pass Heavy Metals

Cannabinoids

Complete

Testing method: HPLC-SOP 101

Analyte	LOD	LOQ	Mass	Mass
	%	%	%	mg/g
THCa	0.00002	0.0001	ND	ND
Δ9-THC	0.00004	0.0001	70.29	702.92
Δ8-THC	0.00004	0.0001	ND	ND
THCV	0.00004	0.0001	0.84	8.36
CBDa	0.00002	0.0001	ND	ND
CBD	0.00004	0.0001	ND	ND
CBDV	0.00001	0.0001	ND	ND
CBN	0.00002	0.0001	0.71	7.10
CBGa	0.00002	0.0001	ND	ND
CBG	0.00004	0.0001	1.75	17.51
CBC	0.00001	0.0001	1.32	13.17
Total			74.91	749.06

70.29%
Total THC

ND
Total CBD

Terpenes

Complete

Testing method: HS-GC-FID - SOP 201

Analyte	LOD	LOQ	Mass	Mass
	%	%	%	mg/g
α-Bisabolol	0.00015	0.0013	NR	NR
α-Humulene	0.00057	0.0013	NR	NR
α-Pinene	0.00015	0.0013	NR	NR
α-Terpinene	0.00012	0.0013	NR	NR
β-Caryophyllene	0.00017	0.0013	NR	NR
β-Myrcene	0.00012	0.0013	NR	NR
β-Pinene	0.00034	0.0013	NR	NR
Camphene	0.00072	0.0013	NR	NR
Caryophyllene Oxide	0.00017	0.0013	NR	NR
cis-Nerolidol	0.00009	0.0013	NR	NR
δ-3-Carene	0.00040	0.0013	NR	NR
δ-Limonene	0.00016	0.0013	NR	NR
Eucalyptol	0.00017	0.0013	NR	NR
γ-Terpinene	0.00012	0.0013	NR	NR
Geraniol	0.00013	0.0013	NR	NR
Guaiol	0.00018	0.0013	NR	NR
Isopulegol	0.00011	0.0013	NR	NR
Linalool	0.00015	0.0013	NR	NR
Ocimene	0.00013	0.0013	NR	NR
p-Cymene	0.00010	0.0013	NR	NR
Terpinolene	0.00016	0.0013	NR	NR
trans-Nerolidol	0.00058	0.0013	NR	NR
Total			0.00	0.00

NT

Moisture
Moisture Analyzer SOP-103
Date Tested:

NT

Water Activity
Water Activity Meter SOP-102
Date Tested:

Pass

Foreign Matter
Visual Inspection SOP-001
Date Tested: 03/06/2019

Date Tested: 03/07/2019

Total THC = THCa * 0.877 + d9-THC

Total CBD = CBDa * 0.877 + CBD

LOQ = Limit of Quantitation; LOD = Limit of Detection; NR = Not Reported; NT = Not Tested; ND = Not Detected. The reported result is based on a sample weight with the applicable moisture content for that sample;



ISO / IEC 17025:2017 ACCREDITED LABORATORY
Accreditation No. 73653

M. Speakman
Mallory Speakman
Laboratory Director - LA
03/07/2019

A. Engen
Anya Engen
Quality Manager
03/07/2019



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Pesticides

Test Method: LCMS & GCMS-SOP 301

Pass

Analyte	LOD	LOQ	Limit	Mass	Status	Analyte	LOD	LOQ	Limit	Mass	Status
	µg/g	µg/g	µg/g	µg/g			µg/g	µg/g	µg/g	µg/g	
Abamectin	0.018	0.059	0.1	ND	Pass	Fludioxonil	0.007	0.024	0.1	ND	Pass
Acephate	0.009	0.029	0.1	ND	Pass	Hexythiazox	0.007	0.024	0.1	ND	Pass
Acequinocyl	0.005	0.018	0.1	ND	Pass	Imazalil	0.004	0.012	0.004	ND	Pass
Acetamiprid	0.004	0.013	0.1	ND	Pass	Imidacloprid	0.039	0.129	5	ND	Pass
Aldicarb	0.004	0.013	0.004	ND	Pass	Kresoxim Methyl	0.005	0.017	0.1	ND	Pass
Azoxystrobin	0.006	0.019	0.1	ND	Pass	Malathion	0.01	0.032	0.5	ND	Pass
Bifenazate	0.004	0.014	0.1	ND	Pass	Metalaxyl	0.003	0.01	2	ND	Pass
Bifenthrin	0.008	0.027	3	ND	Pass	Methiocarb	0.006	0.02	0.006	ND	Pass
Boscalid	0.006	0.019	0.1	ND	Pass	Methomyl	0.009	0.03	1	ND	Pass
Captan	0.0789	0.2631	0.7	ND	Pass	Methyl Parathion	0.007	0.0233	0.007	ND	Pass
Carbaryl	0.005	0.015	0.5	ND	Pass	Mevinphos	0.003	0.011	0.003	ND	Pass
Carbofuran	0.005	0.018	0.005	ND	Pass	Myclobutanil	0.017	0.058	0.1	ND	Pass
Chlorantraniliprole	0.007	0.024	10	ND	Pass	Naled	0.007	0.024	0.1	ND	Pass
Chlordane	0.0291	0.0969	0.0291	ND	Pass	Oxamyl	0.003	0.009	0.5	ND	Pass
Chlorfenapyr	0.01	0.033	0.01	ND	Pass	Pacllobutrazol	0.013	0.044	0.013	ND	Pass
Chlorpyrifos	0.005	0.017	0.005	ND	Pass	Pentachloronitrobenzene	0.0046	0.0152	0.1	ND	Pass
Clofentezine	0.006	0.019	0.1	ND	Pass	Permethrin	0.011	0.036	0.5	ND	Pass
Coumaphos	0.009	0.028	0.009	ND	Pass	Phosmet	0.007	0.025	0.1	ND	Pass
Cyfluthrin	0.008	0.026	2	ND	Pass	Piperonyl Butoxide	0.005	0.018	3	ND	Pass
Cypermethrin	0.013	0.044	1	ND	Pass	Prallethrin	0.007	0.024	0.1	ND	Pass
Daminozide	0.021	0.07	0.021	ND	Pass	Propiconazole	0.008	0.026	0.1	ND	Pass
DDVP	0.004	0.012	0.004	ND	Pass	Propoxur	0.004	0.013	0.004	ND	Pass
Diazinon	0.005	0.017	0.1	ND	Pass	Pyrethrins	0.003	0.01	0.5	ND	Pass
Dimethoate	0.003	0.011	0.003	ND	Pass	Pyridaben	0.008	0.027	0.1	ND	Pass
Dimethomorph	0.007	0.023	2	ND	Pass	Spinetoram	0.007	0.022	0.1	ND	Pass
Ethoprophos	0.004	0.013	0.004	ND	Pass	Spinosad	0.005	0.016	0.1	ND	Pass
Etofenprox	0.005	0.017	0.005	ND	Pass	Spiromesifen	0.007	0.023	0.1	ND	Pass
Etoxazole	0.006	0.018	0.1	ND	Pass	Spirotetramat	0.009	0.03	0.1	ND	Pass
Fenhexamid	0.009	0.03	0.1	ND	Pass	Spiroxamine	0.006	0.019	0.006	ND	Pass
Fenoxycarb	0.007	0.022	0.007	ND	Pass	Tebuconazole	0.013	0.042	0.1	ND	Pass
Fenpyroximate	0.009	0.03	0.1	ND	Pass	Thiacloprid	0.007	0.023	0.007	ND	Pass
Fipronil	0.017	0.056	0.017	ND	Pass	Thiamethoxam	0.004	0.013	5	ND	Pass
Fonicamid	0.0244	0.0814	0.1	ND	Pass	Trifloxystrobin	0.004	0.014	0.1	ND	Pass

Date Tested: 03/07/2019

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Residual Solvents

Testing method: HSGCMS-SOP 202

Analyte	LOD	LOQ	Limit	Mass	Status
	µg/g	µg/g	µg/g	µg/g	
1,2-Dichloro-Ethane	0.024	0.24	1	ND	Pass
Acetone	0.112	1.12	5000	ND	Pass
Acetonitrile	0.0196	0.196	410	ND	Pass
Benzene	0.0096	0.096	1	ND	Pass
Butane	0.2	2	5000	ND	Pass
Chloroform	0.0288	0.288	1	ND	Pass
Ethanol	0.112	1.12	5000	4.85	Pass
Ethyl-Acetate	0.112	1.12	5000	ND	Pass
Ethyl-Ether	0.112	1.12	5000	ND	Pass
Ethylene Oxide	0.024	0.24	1	ND	Pass
Heptane	0.112	1.12	5000	ND	Pass
Isopropanol	0.112	1.12	5000	7.29	Pass
Methanol	0.144	1.44	3000	ND	Pass
Methylene-Chloride	0.0288	0.288	1	ND	Pass
n-Hexane	0.1392	1.392	290	ND	Pass
Pentane	0.112	1.12	5000	ND	Pass
Propane	0.08	0.8	5000	ND	Pass
Toluene	0.4272	4.272	890	ND	Pass
Trichloroethene	0.0384	0.384	1	ND	Pass
Xylenes	1.0416	10.416	2170	ND	Pass

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Matrix: Concentrates & Extracts Received: 03/05/2019 1353 Dayton St, Unit B 20 Quail Run Circle, Unit B Salinas Ca
Type: Other Completed: 03/07/2019 Salinas, CA 93901 93907
Sample Size: 13 units; Batch: 1,250 units Batch#: 030419TT

Microbials

Test method: PCR-SOP 401

Table with 3 columns: Analyte, Result, Status. Rows include Aspergillus flavus, Aspergillus fumigatus, Aspergillus niger, Aspergillus terreus, Shiga toxin-producing E. Coli, Salmonella.

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Mycotoxins

Test method: LCMS-SOP 301

Table with 6 columns: Analyte, LOD, LOQ, Limit, Units, Status. Rows include B1, B2, G1, G2, Total Aflatoxins, Ochratoxin A.

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Heavy Metals

Testing method: ICPMS-SOP 501

Table with 6 columns: Analyte, LOD, LOQ, Limit, Units, Status. Rows include Arsenic, Cadmium, Lead, Mercury.

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Signature of Mallory Speakman

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Signature of Anya Engen

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