

Dutch Treat

Sample ID: 1903CSALA1478.5174
Strain: Dutch Treat
Matrix: Concentrates & Extracts
Type: Other
Sample Size: 13 units; Batch: 1,000 units

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

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

75.16% 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	70.13	701.32
Δ8-THC	0.00004	0.0001	ND	ND
THCV	0.00004	0.0001	0.73	7.30
CBDa	0.00002	0.0001	ND	ND
CBD	0.00004	0.0001	0.45	4.52
CBDV	0.00001	0.0001	ND	ND
CBN	0.00002	0.0001	0.73	7.26
CBGa	0.00002	0.0001	ND	ND
CBG	0.00004	0.0001	1.82	18.19
CBC	0.00001	0.0001	1.30	12.98
Total			75.16	751.57

70.13%
Total THC

0.45%
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

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;

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
--	---	---



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



Dutch Treat

Sample ID: 1903CSALA1478.5174
Strain: Dutch Treat
Matrix: Concentrates & Extracts
Type: Other
Sample Size: 13 units; Batch: 1,000 units

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

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

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
Etoazole	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

LOQ = Limit of Quantitation; LOD = Limit of Detection; NT = Not Tested; ND = Not Detected.


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

 Mallory Speakman
 Laboratory Director - LA
 03/07/2019

 Anya Engen
 Quality Manager
 03/07/2019


Dutch Treat

Sample ID: 1903CSALA1478.5174
Strain: Dutch Treat
Matrix: Concentrates & Extracts
Type: Other
Sample Size: 13 units; Batch: 1,000 units

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

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

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	ND	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	ND	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

Date Tested: 03/07/2019

LOQ = Limit of Quantitation; LOD = Limit of Detection; NT = Not Tested; ND = Not Detected.


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

 Mallory Speakman
 Laboratory Director - LA
 03/07/2019

 Anya Engen
 Quality Manager
 03/07/2019


Dutch Treat

Sample ID: 1903CSALA1478.5174	Produced: 03/04/2019	Distributor	Producer
Strain: Dutch Treat	Collected: 03/05/2019	Cypress Manufacturing Co	Cypress Manufacturing Co.
Matrix: Concentrates & Extracts	Received: 03/05/2019	Lic. # A11-18-0000287-TEMP	Lic. # CDPH-T00000344
Type: Other	Completed: 03/07/2019	1353 Dayton St, Unit B	20 Quail Run Circle, Unit B Salinas Ca
Sample Size: 13 units; Batch: 1,000 units	Batch#: 030419DT	Salinas, CA 93901	93907

Microbials

Test method: PCR-SOP 401

Analyte	Result	Status
Aspergillus flavus	Not Detected	Pass
Aspergillus fumigatus	Not Detected	Pass
Aspergillus niger	Not Detected	Pass
Aspergillus terreus	Not Detected	Pass
Shiga toxin-producing E. Coli	Not Detected	Pass
Salmonella	Not Detected	Pass

Date Tested: 03/07/2019

LOQ = Limit of Quantitation; LOD = Limit of Detection; NT = Not Tested; ND = Not Detected.

Mycotoxins

Test method: LCMS-SOP 301

Analyte	LOD	LOQ	Limit	Units	Status
	µg/kg	µg/kg	µg/kg	µg/kg	
B1	0.001	0.005		ND	Tested
B2	0.007	0.022		ND	Tested
G1	0.007	0.022		ND	Tested
G2	0.006	0.021		ND	Tested
Total Aflatoxins			20	ND	Pass
Ochratoxin A	0.013	0.045	20	ND	Pass

Date Tested: 03/07/2019

LOQ = Limit of Quantitation; LOD = Limit of Detection; NT = Not Tested; ND = Not Detected;

Heavy Metals

Testing method: ICPMS-SOP 501

Analyte	LOD	LOQ	Limit	Units	Status
	µg/g	µg/g	µg/g	µg/g	
Arsenic	0.001	0.01	0.2	<LOQ	Pass
Cadmium	0.001	0.01	0.2	ND	Pass
Lead	0.001	0.01	0.5	0.115	Pass
Mercury	0.001	0.01	0.1	<LOQ	Pass

Date Tested: 03/07/2019

LOQ = Limit of Quantitation; LOD = Limit of Detection; NT = Not Tested; ND = Not Detected.


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

 Mallory Speakman
 Laboratory Director - LA
 03/07/2019

 Anya Engen
 Quality Manager
 03/07/2019
