

# Jack Herer

Sample ID: 1903CSALA1478.5175  
Strain: Jack Herer  
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#: 030419JH

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

<b>75.39%</b> Total Cannabinoids	<b>Pass</b> Pesticides	<b>Pass</b> Residual Solvents
<b>Pass</b> Microbials	<b>Pass</b> Mycotoxins	<b>Pass</b> 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	70.52	70.52
Δ8-THC	0.00004	0.0001	ND	ND
THCV	0.00004	0.0001	0.94	9.40
CBDa	0.00002	0.0001	ND	ND
CBD	0.00004	0.0001	0.21	2.07
CBDV	0.00001	0.0001	ND	ND
CBN	0.00002	0.0001	0.74	7.35
CBGa	0.00002	0.0001	ND	ND
CBG	0.00004	0.0001	1.88	18.78
CBC	0.00001	0.0001	1.11	11.11
<b>Total</b>			<b>75.39</b>	<b>753.93</b>

**70.52%**  
Total THC

**0.21%**  
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
<b>Total</b>			<b>0.00</b>	<b>0.00</b>

**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;



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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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 20 Quail Run Circle, Unit B Salinas Ca  
 93907

## Pesticides

Test Method: LCMS &amp; 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
Flonicamid	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.


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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	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

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<b>Strain:</b> Jack Herer	<b>Collected:</b> 03/05/2019	<b>Cypress Manufacturing Co</b>	<b>Cypress Manufacturing Co.</b>
<b>Matrix:</b> Concentrates & Extracts	<b>Received:</b> 03/05/2019	<b>Lic. # A11-18-0000287-TEMP</b>	<b>Lic. # CDPH-T00000344</b>
<b>Type:</b> Other	<b>Completed:</b> 03/07/2019	<b>1353 Dayton St, Unit B</b>	<b>20 Quail Run Circle, Unit B Salinas Ca</b>
<b>Sample Size:</b> 13 units; Batch: 1,250 units	<b>Batch#:</b> 030419JH	<b>Salinas, CA 93901</b>	<b>93907</b>

## 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

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## 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

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## 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	0.010	Pass
Cadmium	0.001	0.01	0.2	ND	Pass
Lead	0.001	0.01	0.5	0.139	Pass
Mercury	0.001	0.01	0.1	<LOQ	Pass

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