



# Certificate of Analysis

Powered by Confident Cannabis  
1 of 19

## sofresh farms

Portland, OR 97209  
michelle@sofresh.farm  
(503) 956-5266  
Lic. #020-100010499D8

## Sample: PD170818-022

Strain: Betty Hayes  
Batch#: B7-4-17; Batch Size: 1248 - grams  
Sample Received: 08/18/2017; Report Created: 08/29/2017; Expires: 08/29/2018  
Inherit Pesticide: PD170818-22, -023

## Betty Hayes

Plant, Flower - Cured  
Harvest Process Lot: R3B2017; METRC Batch: 1A4010300001E17000001307; METRC Sample: 1A4010300001E17000001319



**22.90%**  
Total THC

**<LOQ**  
Total CBD

## Cannabinoids

Potency-170823B-PS-HPLC2  
08/23/2017

Pass

Analyte	LOQ	Mass	Mass
	%	%	mg/g
THCa	0.01	24.84	248.4
Δ9-THC	0.10	1.12	11.2
Δ8-THC	0.10	ND	ND
THCV	0.10	NR	NR
CBDa	0.10	ND	ND
CBD	0.10	<LOQ	<LOQ
CBDV	0.10	NR	NR
CBN	0.10	<LOQ	<LOQ
CBG	0.10	<LOQ	<LOQ
CBC	0.10	<LOQ	<LOQ
<b>Total</b>		<b>25.96</b>	<b>259.6</b>

Total THC = THCa \* 0.877 + d9-THC  
Total CBD = CBDa \* 0.877 + CBD  
Method: HPLC/UV. ND = Not Detected, measured value below LOQ; LOQ = Limit of Quantitation; The reported result is based on a sample weight with the applicable moisture content for that sample; Unless otherwise stated all quality control samples performed within specifications established by the Laboratory. CBN, CBG, CBC & d8-THC are not accredited analytes under ORELAP.



14775 SW 74th Ave  
Portland, OR  
(503) 954-3992  
http://mrxlabs.com  
Lic# 10014885C6F

Kawai Medeiros  
Technical Manager

Charles Lyle  
Technical Manager

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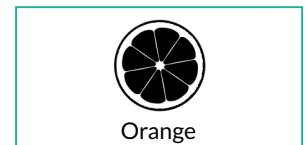
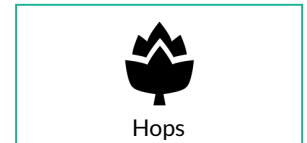
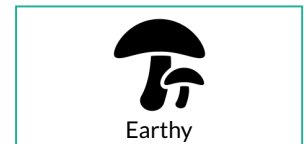


## Terpenes

23 Aug 2017-TP-BB  
08/22/2017

Analyte	LOQ	Mass	Mass	
	PPM	PPM	mg/g	
Terpinolene	126.14	6152.83	6.15	
Ocimene	125.42	2008.05	2.01	
β-Myrcene	62.50	1919.19	1.92	
δ-Limonene	125.90	958.42	0.96	
β-Pinene	125.96	636.33	0.64	
β-Caryophyllene	125.38	628.43	0.63	
α-Pinene	250.00	578.33	0.58	
Linalool	125.90	339.46	0.34	
α-Terpinene	125.30	281.18	0.28	
α-Humulene	125.24	222.10	0.22	
3-Carene	125.34	199.73	0.20	
γ-Terpinene	126.14	161.32	0.16	
α-Bisabolol	125.66	ND	ND	
Camphene	126.10	<LOQ	<LOQ	
Guaiol	125.16	<LOQ	<LOQ	
Isopulegol	125.80	ND	ND	

## Primary Aromas



**14,085.36 PPM**  
Total Terpenes

Method: GC/MS Headspace. ND = Not Detected, measured value below LOQ; LOQ = Limit of Quantitation; Unless otherwise stated all quality control samples performed within specifications established by the Laboratory. Terpenes are not an ORELAP Accredited Test.



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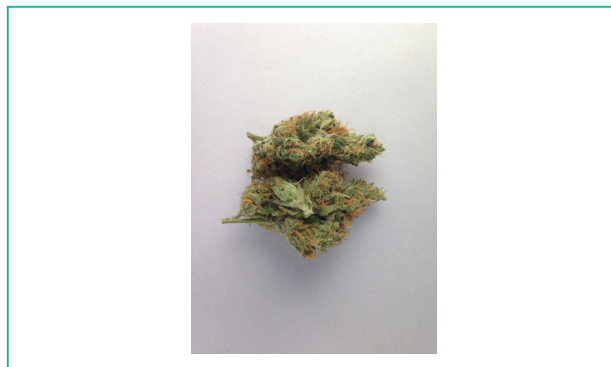


## Moisture

M-082317-RK  
08/23/2017

Complete

**13.4%**  
**Moisture**



Percent Moisture is an accredited method by ORELAP. Unless otherwise stated all quality control samples performed within specifications established by the Laboratory.



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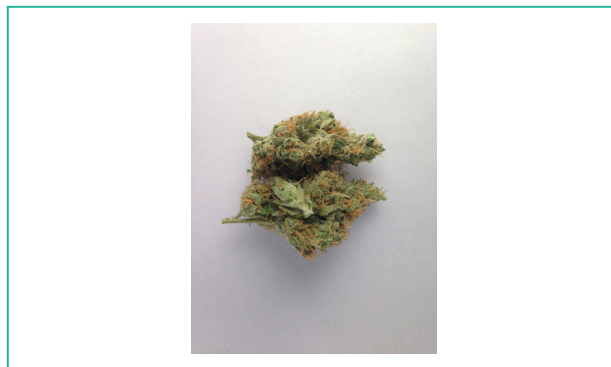


## Water Activity

W-082217-AP-A  
08/22/2017

Pass

**0.4997 aw**  
*0.65 Limit*  
**Water Activity**



Water Activity is an accredited method by ORELAP. Unless otherwise stated all quality control samples performed within specifications established by the Laboratory.



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12423 NE Whitaker Way  
Portland, OR 97230  
503-254-1794



Job Number: 17-001662  
Report Date: 08/29/2017  
ORELAP#: OR100028  
Purchase Order:  
Received: 08/22/17 13:20

Customer: MRX Labs  
14775 SW 74th Ave.  
Portland Oregon  
UNITED STATES

Product Identity: PD170818-022 Betty Hayes  
Client/Metric ID: 1A4010300003A38000001659  
Sample Date:  
Laboratory ID: 17-001662-0013  
Grower: Subcontract  
Relinquished by: Taylor Cline  
Temp: 25 °C  
Weight Received: 4.00 g

### Sample Results

Pesticides	Method	AOAC 2007.01	EN 15662 (mod)	Units	mg/kg	Batch	1701715	Analyze	8/28/17	15:40	
Analyte	Result	Limits	LOQ	Status	Notes	Analyte	Result	Limits	LOQ	Status	Notes
Abamectin	< LOQ	0.50	0.30	pass		Acephate	< LOQ	0.40	0.20	pass	
Acequinocyl	< LOQ	2.00	1.00	pass		Acetamiprid	< LOQ	0.20	0.10	pass	
Aldicarb	< LOQ	0.40	0.20	pass		Azoxystrobin	< LOQ	0.20	0.10	pass	
Bifenazate	< LOQ	0.20	0.10	pass		Bifenthrin	< LOQ	0.20	0.10	pass	
Boscalid	< LOQ	0.40	0.10	pass		Carbaryl	< LOQ	0.20	0.10	pass	
Carbofuran	< LOQ	0.20	0.10	pass		Chlorantraniliprole	< LOQ	0.20	0.10	pass	
Chlorfenapyr	< LOQ	1.00	1.00	pass		Chlorpyrifos	< LOQ	0.20	0.10	pass	
Clofentazine	< LOQ	0.20	0.10	pass		Cyfluthrin (incl. Beta-Cyfl)	< LOQ	1.00	1.00	pass	
Cypermethrin	< LOQ	1.00	1.00	pass		Daminozide	< LOQ	1.00	1.00	pass	
Diazinon	< LOQ	0.20	0.10	pass		Dichlorvos	< LOQ	1.00	0.50	pass	
Dimethoate	< LOQ	0.20	0.10	pass		Ethoprophos	< LOQ	0.20	0.10	pass	
Etofenprox	< LOQ	0.40	0.10	pass		Etoxazole	< LOQ	0.20	0.10	pass	
Fenoxycarb	< LOQ	0.20	0.10	pass		Fenpyroximate	< LOQ	0.40	0.10	pass	
Fipronil	< LOQ	0.40	0.10	pass		Fonicamid	< LOQ	1.00	0.40	pass	
Fludioxonil	< LOQ	0.40	0.10	pass		Hexythiazox	< LOQ	1.00	0.40	pass	
Imazalil	< LOQ	0.20	0.10	pass		Imidacloprid	< LOQ	0.40	0.20	pass	
Kresoxim-methyl	< LOQ	0.40	0.10	pass		Malathion	< LOQ	0.20	0.10	pass	
Metalaxyl	< LOQ	0.20	0.10	pass		Methiocarb	< LOQ	0.20	0.10	pass	
Methomyl	< LOQ	0.40	0.20	pass		MGK-264	< LOQ	0.20	0.10	pass	
Myclobutanil	< LOQ	0.20	0.10	pass		Naled	< LOQ	0.50	0.20	pass	
Oxamyl	< LOQ	1.00	0.40	pass		Paclbutrazole	< LOQ	0.40	0.20	pass	
Parathion-Methyl	< LOQ	0.20	0.20	pass		Permethrin	< LOQ	0.20	0.10	pass	
Phosmet	< LOQ	0.20	0.10	pass		Piperonyl butoxide	< LOQ	2.00	1.00	pass	
Prallethrin	< LOQ	0.20	0.20	pass		Propiconazole	< LOQ	0.40	0.20	pass	

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Testing in accordance with: OAR 333-007-0400



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Job Number: 17-001662  
Report Date: 08/29/2017  
ORELAP#: OR100028  
Purchase Order:  
Received: 08/22/17 13:20

Pesticides		Method AOAC 2007.01 & EN 15662 (mod)				Units mg/kg Batch 1701715		Analyze 8/28/17 15:40			
Analyte	Result	Limits	LOQ	Status	Notes	Analyte	Result	Limits	LOQ	Status	Notes
Propoxur	< LOQ	0.20	0.10	pass		Pyrethrins	< LOQ	1.00	0.50	pass	
Pyridaben	< LOQ	0.20	0.10	pass		Spinosad	< LOQ	0.20	0.10	pass	
Spiromesifen	< LOQ	0.20	0.10	pass		Spirotetramat	< LOQ	0.20	0.10	pass	
Spiroxamine	< LOQ	0.40	0.10	pass		Tebuconazole	< LOQ	0.40	0.20	pass	
Thiacloprid	< LOQ	0.20	0.10	pass		Thiamethoxam	< LOQ	0.20	0.10	pass	
Trifloxystrobin	< LOQ	0.20	0.10	pass							

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503-254-1794

Job Number: 17-001662  
Report Date: 08/29/2017  
ORELAP#: OR100028  
Purchase Order:  
Received: 08/22/17 13:20



### Abbreviations

Limits: Action Levels per OAR-333-007-0400, OAR-333-007-0210, OAR-333-007-0220

Limit(s) of Quantitation (LOQ): The minimum levels, concentrations, or quantities of a target variable (e.g., target analyte) that can be reported with a specified degree of confidence.

### Units of Measure

g = Gram  
mg/kg = Milligram per kilogram  
% wt = µg/g divided by 10,000

Approved Signatory

Derrick Tanner  
General Manager

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Sent 08-22-17

MRXLABS 17-001662

From: 2017-08-29 10:00:00 AM To: 2017-08-29 10:00:00 AM  
Address: 2017 SW 74th Ave, Portland, OR 97209  
Phone: 503-254-1794



Sample ID	Lot # or METRC Tag ID	Matrix	Sample Name	Event Name	Culture State	Destination	Time of Day	Temperature	Humidity	CO2	Light	Notes	Comments
1	1A4010300001E17000001306	Soil	Soil										Combined pesticide & water activity
2	1A4010300001E17000001307	Soil	Soil										Combined pesticide & water activity
3	1A4010300001E17000001308	Soil	Soil										Combined pesticide & water activity
4	1A4010300001E17000001309	Soil	Soil										Combined pesticide & water activity
5	1A4010300001E17000001310	Soil	Soil										Combined pesticide & water activity
6	1A4010300001E17000001311	Soil	Soil										Combined pesticide & water activity
7	1A4010300001E17000001312	Soil	Soil										Combined pesticide & water activity
8	1A4010300001E17000001313	Soil	Soil										Combined pesticide & water activity
9	1A4010300001E17000001314	Soil	Soil										Combined pesticide & water activity
10	1A4010300001E17000001315	Soil	Soil										Combined pesticide & water activity
11	1A4010300001E17000001316	Soil	Soil										Combined pesticide & water activity
12	1A4010300001E17000001317	Soil	Soil										Combined pesticide & water activity
13	1A4010300001E17000001318	Soil	Soil										Combined pesticide & water activity
14	1A4010300001E17000001319	Soil	Soil										Combined pesticide & water activity
15													
16													
17													
18													
19													
20													
21													
22													
23													
24													
25													
26													
27													
28													
29													
30													

Rec. M. J. [Signature] 8/22/17 13:20  
michaele [Signature]  
P310.F1 T. Clin 8-22-17 13:20

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In compliance with Oregon Administrative Rules 333-007-0300 to OAR 333-007-0490, OAR 333-064 and OAR 845-025-5000 to OAR 845-025-5075. MRX Labs is an ORELAP / TNI 2009 accredited and OLCC licensed facility. Microbiological and terpene tests are not accredited. Unless otherwise noted, laboratory control and quality control samples met the method acceptance criteria - data available upon requests. These results relate only to the sample included on this report. The report may not be reproduced except in full, without the written permission of MRX Labs LLC.





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Job Number: 17-001662  
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ORELAP#: OR100028  
Purchase Order:  
Received: 08/22/17 13:20



### OREGON LIQUOR CONTROL COMMISSION CANNABIS TRANSPORTATION MANIFEST

All sales transactions are to be completed prior to transportation of any CANNABIS. The receiving entity may reject product delivered, but amount delivered must be limited to amount agreed upon in prior sales transaction

Manifest #:	0000266938	Date Created:	8/22/2017 11:34 AM
Originating Entity:	MRX Labs	For OLCC Use Only	
Originating License Number:	010-10014885C6F		
Address of Originating Entity:	14775 SW 74th Ave. Suite B Portland, OR 97224		
Phone No. of Originating Entity:	503-954-3992		
Contact Phone No. for Inquiries:	503-954-3992		
Destination # 1:	PIXIS Labs	Destination Phone No.:	503-254-1794
Destination License Number:	010-1003224D558	Date and Approximate Time of Departure:	8/22/2017 1:00 PM
Address of Destination:	12423 NE Whitaker Way Portland, OR 97230	Actual Date/Time of Departure:	
		Date and Approximate Time of Arrival:	8/22/2017 2:00 PM
		Actual Date/Time of Arrival:	
Route to be Traveled:		Notes: results for estimating circumstances (e.g., road closure, flat tire, etc.)	
ISN 04E 122nd Ave			
Package Label	Harvest Name	Item Name	Weight/Quantity
1A4010300003A38000001650	July 2017, July 2017 Blue Dream 183, July 2017 Blue Dream 184, July 2017 Forum Cut QSCC 192, July 2017 Forum Cut QSCC 193, July 2017 Forum Cut QSCC 199, July 2017 Northern Lights 200, July 2017 Northern Lights 201	Flower/Buds (Buds)	Shp: 4.0000 g
1A4010300003A38000001651	DOC, Gorilla Glue, seash, sour 4, GG	Flower/Buds (Buds)	Shp: 4.0000 g
1A4010300003A38000001652	barry white, slutch treat, boss, smooops, sedh, maul wowie	Flower/Buds (Buds)	Shp: 4.0000 g
1A4010300003A38000001654	2017-07-06-Dry Blue-H	Flower/Buds (Buds)	Shp: 4.0000 g
1A4010300003A38000001655	Hazy star 54 GH R2 2017	Flower/Buds (Buds)	Shp: 4.0000 g
1A4010300003A38000001656	Hazy star 58 GH R2 2017	Flower/Buds (Buds)	Shp: 4.0000 g
1A4010300003A38000001657	Sherbert GH R2 2017	Flower/Buds (Buds)	Shp: 4.0000 g
1A4010300003A38000001658	Star Fighter GH R2 2017	Flower/Buds (Buds)	Shp: 4.0000 g
1A4010300003A38000001659	Betty Hayes B1 R3 2017	Flower/Buds (Buds)	Shp: 4.0000 g
1A4010300003A38000001646	080117-JZ-D, 080117-SK-D	Flower/Buds (Buds)	Shp: 4.0000 g
1A4010300003A38000001647	080117-JZ-D, 080117-PK-D	Flower/Buds (Buds)	Shp: 4.0000 g
1A4010300003A38000001648	080117-GG-D, 080117-PK-D	Flower/Buds (Buds)	Shp: 4.0000 g
1A4010300003A38000001649	July 2017, July 2017 Purple Badlands 184, July 2017 Purple Badlands 186, July 2017 Purple Badlands 186	Flower/Buds (Buds)	Shp: 4.0000 g
PRODUCT REJECTION (if only a portion of shipment is rejected, circle that portion above)			
Name of Person Receiving or Rejecting Product:			
I confirm that the contents of this shipment match weight records entered above, and I agree to take custody of those portions of this shipment not circled above. Those portions circled were returned to the individual delivering this shipment.			

8/22/2017 11:34:40 AM -07:00

Page 1 of 2

Transfer Form (OR)  
Metrc Form rev. 05/2017

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## sofresh farms

Portland, OR 97209  
michelle@sofresh.farm  
(503) 956-5266  
Lic. #020-100010499D8

## Sample: PD170818-022

Strain: Betty Hayes  
Batch#: B7-4-17; Batch Size: 1248 - grams  
Sample Received: 08/18/2017; Report Created: 08/29/2017; Expires: 08/29/2018  
Inherit Pesticide: PD170818-22, -023

## Betty Hayes

Plant, Flower - Cured  
Harvest Process Lot: R3B2017; METRC Batch: 1A4010300001E17000001307; METRC Sample: 1A4010300001E17000001319



12423 NE Whitaker Way  
Portland, OR 97230  
503-254-1794

Job Number: 17-001662  
Report Date: 08/29/2017  
ORELAP#: OR100028  
Purchase Order:  
Received: 08/22/17 13:20



### OREGON LIQUOR CONTROL COMMISSION CANNABIS TRANSPORTATION MANIFEST

All sales transactions are to be completed prior to transportation of any CANNABIS. The receiving entity may reject product delivered, but amount delivered must be limited to amount agreed upon in prior sales transaction

Originator: \_\_\_\_\_ Date: 8/22/17

Signature of individual taking receipt of rejected portion of this shipment: \_\_\_\_\_

Name of Person Transporting:	Taylor Cline	Handler Permit No. of Driver:	010-10014885C6F
State Driver's License No.:	2883435	Signature of Person Transporting:	_____
Make, Model, License Plate No.:	Kia Optima 414JJK		

8/22/2017 11:34:40 AM -07:00

Page 2 of 2

Transfer Form (OR)  
Metrc® Form rev. 05/2017

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Sample: PD170818-022

Strain: Betty Hayes  
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503-254-1794



Job Number: 17-001662  
Report Date: 08/29/2017  
ORELAP#: OR100028  
Purchase Order:  
Received: 08/22/17 13:20

### Laboratory Pesticide Quality Control Results

ADAC 2007.1 & EN 15662 Units: mg/kg Laboratory Control Sample Batch ID: 1701715

Analyte	Blank Result	Blank Limits	Notes	LCS Result	LCS Spike	LCS % Rec	Limits	Notes
Acetamiprid	NO	< 0.200		0.027	0.020	80.1	70 - 130	
Acetaminophen	NO	< 1.000		1.710	2.000	85.5	70 - 130	
Acetamiprid	NO	< 0.100		0.395	0.400	98.8	70 - 130	
Akathix	NO	< 0.200		0.768	0.800	96.0	70 - 130	
Abamectin	NO	< 0.288		0.729	0.800	91.1	70 - 130	
Azoxystrobin	NO	< 0.100		0.379	0.400	94.8	70 - 130	
Bifenthrin	NO	< 0.100		0.433	0.400	108.3	70 - 130	
Bifenthrin	NO	< 0.100		0.375	0.400	93.8	70 - 130	
Boscalid	NO	< 0.100		0.783	0.800	97.9	70 - 130	
Carbaryl	NO	< 0.100		0.410	0.400	102.5	70 - 130	
Carbofuran	NO	< 0.100		0.394	0.400	98.5	70 - 130	
Chlorantraniliprol	NO	< 0.100		0.394	0.400	98.5	70 - 130	
Chlorfenvinphos	NO	< 1.000		1.840	2.000	92.0	70 - 130	
Chlorpyrifos	NO	< 0.100		0.366	0.400	91.5	70 - 130	
Cyflumetofen	NO	< 0.100		0.358	0.400	89.5	70 - 130	
Cyfluthrin	NO	< 1.000		0.715	0.800	89.4	30 - 150	
Cypermethrin	NO	< 1.000		0.750	0.800	93.8	70 - 130	
Diaminodimethylsilane	NO	< 1.000		0.136	0.800	17.0	30 - 150	Q
Diazinon	NO	< 0.100		0.383	0.400	95.8	70 - 130	
Dichlorvos	NO	< 0.500		0.794	0.800	99.3	70 - 130	
Dinotefuran	NO	< 0.100		0.395	0.400	98.8	70 - 130	
Ethioniazox	NO	< 0.100		0.382	0.400	95.5	70 - 130	
Fenprophate	NO	< 0.100		0.720	0.800	90.0	70 - 130	
Fenoxycarb	NO	< 0.100		0.367	0.400	91.8	70 - 130	
Fenoxycarb	NO	< 0.100		0.367	0.400	91.8	70 - 130	
Fenprophate	NO	< 0.100		0.762	0.800	95.3	70 - 130	
Fipronil	NO	< 0.100		0.802	0.800	100.3	70 - 130	
Fipronil	NO	< 0.400		0.776	0.800	97.0	70 - 130	
Fipronil	NO	< 0.100		0.802	0.800	100.3	70 - 130	
Fipronil	NO	< 0.400		0.797	0.800	99.4	70 - 130	
Imazalil	NO	< 0.100		0.345	0.400	86.3	70 - 130	
Imidacloprid	NO	< 0.200		0.780	0.800	97.5	70 - 130	
Imidacloprid	NO	< 0.100		0.778	0.800	97.3	70 - 130	
Malathion	NO	< 0.100		0.362	0.400	90.5	70 - 130	
Methidathion	NO	< 0.100		0.376	0.400	94.0	70 - 130	
Methidathion	NO	< 0.100		0.386	0.400	96.5	70 - 130	
Methomyl	NO	< 0.200		0.757	0.800	94.6	70 - 130	
Methidathion	NO	< 0.100		0.366	0.400	91.5	70 - 130	
Myclobutanil	NO	< 0.100		0.383	0.400	95.8	70 - 130	
Naled	NO	< 0.200		1.840	2.000	92.0	70 - 130	
Naupho	NO	< 0.400		0.755	0.800	94.4	70 - 130	
Permethrin	NO	< 0.200		0.764	0.800	95.5	70 - 130	
Permethrin	NO	< 0.200		0.818	0.800	102.3	30 - 150	
Permethrin	NO	< 0.100		0.357	0.400	89.3	70 - 130	
Phosmet	NO	< 0.100		0.390	0.400	97.5	70 - 130	
Propiconazole	NO	< 1.000		0.715	0.800	89.4	70 - 130	
Propiconazole	NO	< 0.200		0.353	0.400	88.3	70 - 130	
Propiconazole	NO	< 0.200		0.750	0.800	93.8	70 - 130	
Propoxur	NO	< 0.100		0.390	0.400	97.5	70 - 130	
Pyrethrin	NO	< 0.500		1.020	1.024	99.6	70 - 130	
Pyridaben	NO	< 0.100		0.363	0.400	90.8	70 - 130	
Spinosad	NO	< 0.100		0.356	0.400	89.0	70 - 130	
Spinosad	NO	< 0.100		0.385	0.400	96.3	70 - 130	
Spinetoram	NO	< 0.100		0.389	0.400	97.3	70 - 130	
Spinetoram	NO	< 0.100		0.750	0.800	93.8	70 - 130	
Tebuconazole	NO	< 0.200		0.739	0.800	92.4	70 - 130	
Thiacloprid	NO	< 0.100		0.395	0.400	98.8	70 - 130	
Thiamethoxam	NO	< 0.100		0.362	0.400	90.5	70 - 130	
Trioxystrobin	NO	< 0.100		0.368	0.400	92.0	70 - 130	

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## sofresh farms

Portland, OR 97209  
michelle@sofresh.farm  
(503) 956-5266  
Lic. #020-10001049D8

## Sample: PD170818-022

Strain: Betty Hayes  
Batch#: B7-4-17; Batch Size: 1248 - grams  
Sample Received: 08/18/2017; Report Created: 08/29/2017; Expires: 08/29/2018  
Inherit Pesticide: PD170818-22, -023

## Betty Hayes

Plant, Flower - Cured  
Harvest Process Lot: R3B2017; METRC Batch: 1A4010300001E17000001307; METRC Sample: 1A4010300001E17000001319



12423 NE Whitaker Way  
Portland, OR 97230  
503-254-1794



Job Number: 17-001662  
Report Date: 08/29/2017  
ORELAP#: OR100028  
Purchase Order:  
Received: 08/22/17 13:20

### Explanation of QC Flag Comments:

Code	Explanation
Q	Matrix interferences affecting spike or surrogate recoveries.
Q1	Quality control result biased high. Only non-detect samples reported.
Q2	Quality control outside QC limits. Data considered estimate.
Q3	Sample concentration greater than four times the amount spiked.
Q4	Non-homogenous sample matrix, affecting RPD result and/or % recoveries.
Q5	Spike results above calibration curve.
Q6	Quality control outside QC limits. Data acceptable based on remaining QC.
R	Relative percent difference (RPD) outside control limit.
R1	RPD non-calculable, as sample or duplicate results are less than five times the LOQ.
R2	Sample replicates RPD non-calculable, as only one replicate is within the analytical range.
LOQ1	Quantitation level raised due to low sample volume and/or dilution.
LOQ2	Quantitation level raised due to matrix interference.
B	Analyte detected in method blank, but not in associated samples.
B1	The sample concentration is greater than 5 times the blank concentration.
B2	The sample concentration is less than 5 times the blank concentration.



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## Sample: PD170818-022

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Sample Received: 08/18/2017; Report Created: 08/29/2017; Expires: 08/29/2018  
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## Betty Hayes

Plant, Flower - Cured  
Harvest Process Lot: R3B2017; METRC Batch: 1A4010300001E17000001307; METRC Sample: 1A4010300001E17000001319



## Quality Control Data

Analytical Batch ID	QC Sample ID	Assay Name	QC Category Name
Potency-170823B-PS-HPLC2		Cannabinoids	Blank

### QC Notes

None

Method Blank				Matrix Blank			
Compound	Result	Blank Limits (%)	Notes	Compound	Result	Blank Limits (%)	Notes
CBDa	< LOQ	<0.1		CBDa	< LOQ	<0.1	
THCa	< LOQ	<0.1		THCa	< LOQ	<0.1	
CBD	< LOQ	<0.1		CBD	< LOQ	<0.1	
Δ9-THC	< LOQ	<0.1		Δ9-THC	< LOQ	<0.1	



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Batch#: B7-4-17; Batch Size: 1248 - grams  
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## Betty Hayes

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Harvest Process Lot: R3B2017; METRC Batch: 1A4010300001E17000001307; METRC Sample: 1A4010300001E17000001319



## Quality Control Data

Analytical Batch ID	QC Sample ID	Assay Name	QC Category Name
Potency-170823B-PS-HPLC2		Cannabinoids	Lab Control Sample

### QC Notes

None

Compound	CCV Result (ppm)	Expected Result (ppm)	% Recovery	Limits (%)	Notes
CBDa	130.08	125	104.064	90-110	
THCa	126.34	125	101.072	90-110	
CBD	129.81	125	103.848	90-110	
Δ9-THC	123.46	125	98.768	90-110	



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## Betty Hayes

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Harvest Process Lot: R3B2017; METRC Batch: 1A4010300001E17000001307; METRC Sample: 1A4010300001E17000001319



## Quality Control Data

Analytical Batch ID	QC Sample ID	Assay Name	QC Category Name
Potency-170823B-PS-HPLC2		Cannabinoids	Sample Duplicate

### QC Notes

None

Compound	Primary Sample Result (%)	Duplicate Sample Result (%)	% RSD	Limits (%)	Notes
CBDa	< LOQ	< LOQ	ERR	≤ 10	
THCa	27.32	26.26	2.798	≤ 10	
CBD	< LOQ	< LOQ	ERR	≤ 10	
Δ9-THC	1.2	1.11	5.510	≤ 10	



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## Betty Hayes

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Harvest Process Lot: R3B2017; METRC Batch: 1A4010300001E17000001307; METRC Sample: 1A4010300001E17000001319



## Quality Control Data

Analytical Batch ID	QC Sample ID	Assay Name	QC Category Name
Potency-170823B-PS-HPLC2		Cannabinoids	Spike

### QC Notes

None

Compound	Post Spike Result (ppm)	Expected Result (ppm)	% Recovery	Limits (%)	Notes
CBDa	21.84	25	87.36	80-120	
THCa	25.55	25	102.2	80-120	
CBD	21.61	25	86.44	80-120	
Δ9-THC	24.47	25	97.88	80-120	
Compound	Pre Spike Result (ppm)	Expected Result (ppm)	% Recovery	Limits (%)	Notes
Δ8-THC	24.81	25	99.24	80-120	



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## Sample: PD170818-022

Strain: Betty Hayes  
Batch#: B7-4-17; Batch Size: 1248 - grams  
Sample Received: 08/18/2017; Report Created: 08/29/2017; Expires: 08/29/2018  
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## Betty Hayes

Plant, Flower - Cured  
Harvest Process Lot: R3B2017; METRC Batch: 1A4010300001E17000001307; METRC Sample: 1A4010300001E17000001319



## Quality Control Data

Analytical Batch ID	QC Sample ID	Assay Name	QC Category Name
M-082317-RK		Moisture	Blank

QC Notes  
None

Compound	Tray Tare Weight (g)	Sample Weight (g)	Total Weight After Drying (g)	Recovery (%)	Recovery Limits (%)	Notes
Method Blank	1.2881	NA	1.2863	99.860	95-105	
Control Blank	1.3026	0.4979	1.301	99.877	95-105	



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## Betty Hayes

Plant, Flower - Cured  
Harvest Process Lot: R3B2017; METRC Batch: 1A4010300001E17000001307; METRC Sample: 1A4010300001E17000001319



## Quality Control Data

Analytical Batch ID	QC Sample ID	Assay Name	QC Category Name
W-082217-AP-A		Water Activity	Lab Control Sample

### QC Notes

None

QC Type	Reported Standard (WA)	Expected Standard (WA)	Difference	Limit	Recorded Temp (C)	Expected Temp (C)	Difference	Limit	Notes
Beginning CCV	0.5005	0.5	0.0005	±0.005	24.81	25	0.190	±4	
Beginning CCV	0.7586	0.76	0.0014	±0.005	24.88	25	0.120	±4	
Ending CCV	0.4986	0.5	0.0014	±0.005	24.8	25	0.200	±4	
Ending CCV	0.7571	0.76	0.0029	±0.005	24.85	25	0.150	±4	



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