



# Certificate of Analysis

Powered by Confident Cannabis  
1 of 23

## sofresh farms

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

## Sample: PD171026-018

Strain: Mendobreath  
Batch#: Mendo; Batch Size: 3947 - grams  
Sample Received: 10/26/2017; Report Created: 11/01/2017; Expires: 11/01/2018

## Mendobreath

Plant, Flower - Cured  
Harvest Process Lot: ; METRC Batch: 1A4010300001E17000001629; METRC Sample: 1A4010300001E17000001633



**23.89%**  
Total THC

**ND**  
Total CBD

## Cannabinoids

Potency-171030A-PS-HPLC3  
10/30/2017

Pass

Analyte	LOQ	Mass	Mass
	%	%	mg/g
THCa	0.01	26.24	262.4
Δ9-THC	0.10	0.88	8.8
Δ8-THC	0.10	ND	ND
THCV	0.10	NR	NR
CBDa	0.10	ND	ND
CBD	0.10	ND	ND
CBDV	0.10	NR	NR
CBN	0.10	ND	ND
CBG	0.10	ND	ND
CBC	0.10	ND	ND
<b>Total</b>		<b>27.12</b>	<b>271.2</b>

Total THC = THCa \* 0.877 + Δ9-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 & Δ8-THC are not accredited analytes under ORELAP.



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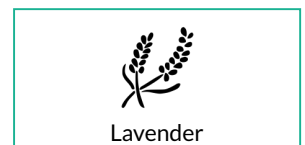
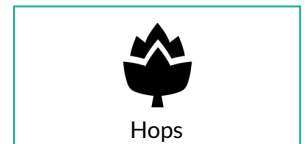
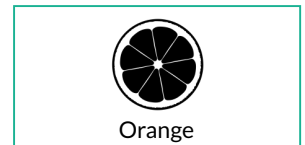


## Terpenes

31 Oct 2017-TP-BB  
10/30/2017

Analyte	LOQ PPM	Mass PPM	Mass mg/g
δ-Limonene	125.90	2967.48	2.97
β-Myrcene	62.50	2286.10	2.29
β-Caryophyllene	125.38	2156.78	2.16
Linalool	125.90	714.71	0.71
α-Pinene	250.00	625.52	0.63
β-Pinene	125.96	577.83	0.58
α-Humulene	125.24	555.26	0.56
Ocimene	125.42	247.03	0.25
3-Carene	125.34	ND	ND
α-Bisabolol	125.66	<LOQ	<LOQ
α-Terpinene	125.30	ND	ND
Camphene	126.10	<LOQ	<LOQ
γ-Terpinene	126.14	ND	ND
Guaiol	125.16	ND	ND
Isopulegol	125.80	ND	ND
Terpinolene	126.14	<LOQ	<LOQ

## Primary Aromas



**10,130.70 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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## Pesticides

Pesticides-171031-TD-Batch A  
10/31/2017

Pass

Analyte	LOQ	Limit	Mass	Status	Analyte	LOQ	Limit	Mass	Status
	PPM	PPM	PPM			PPM	PPM	PPM	
Abamectin	0.50	0.50	<LOQ	Pass	Imazalil	0.20	0.20	<LOQ	Pass
Acephate	0.40	0.40	<LOQ	Pass	Imidacloprid	0.40	0.40	<LOQ	Pass
Acequinocyl	2.00	2.00	<LOQ	Pass	Kresoxim Methyl	0.40	0.40	<LOQ	Pass
Acetamiprid	0.20	0.20	<LOQ	Pass	Malathion	0.20	0.20	<LOQ	Pass
Aldicarb	0.40	0.40	<LOQ	Pass	Metalaxyl	0.20	0.20	<LOQ	Pass
Azoxystrobin	0.20	0.20	<LOQ	Pass	Methiocarb	0.20	0.20	<LOQ	Pass
Bifenazate	0.20	0.20	<LOQ	Pass	Methomyl	0.40	0.40	<LOQ	Pass
Bifenthrin	0.20	0.20	<LOQ	Pass	Methyl Parathion	0.20	0.20	<LOQ	Pass
Boscalid	0.40	0.40	<LOQ	Pass	MGK-264	0.20	0.20	<LOQ	Pass
Carbaryl	0.20	0.20	<LOQ	Pass	Myclobutanil	0.20	0.20	<LOQ	Pass
Carbofuran	0.20	0.20	<LOQ	Pass	Naled	0.50	0.50	<LOQ	Pass
Chlorantraniliprole	0.20	0.20	<LOQ	Pass	Oxamyl	1.00	1.00	<LOQ	Pass
Chlorfenapyr	1.00	1.00	<LOQ	Pass	Paclbutrazol	0.40	0.40	<LOQ	Pass
Chlorpyrifos	0.20	0.20	<LOQ	Pass	Permethrins	0.20	0.20	<LOQ	Pass
Clofentezine	0.20	0.20	<LOQ	Pass	Phosmet	0.20	0.20	<LOQ	Pass
Cyfluthrin	1.00	1.00	<LOQ	Pass	Piperonyl Butoxide	2.00	2.00	<LOQ	Pass
Cypermethrin	1.00	1.00	<LOQ	Pass	Prallethrin	0.20	0.20	<LOQ	Pass
Daminozide	1.00	1.00	<LOQ	Pass	Propiconazole	0.40	0.40	<LOQ	Pass
Diazinon	0.20	0.20	<LOQ	Pass	Propoxur	0.20	0.20	<LOQ	Pass
Dichlorvos	0.10	0.10	<LOQ	Pass	Pyrethrins	1.00	1.00	<LOQ	Pass
Dimethoate	0.20	0.20	<LOQ	Pass	Pyridaben	0.20	0.20	<LOQ	Pass
Ethoprophos	0.20	0.20	<LOQ	Pass	Spinosad	0.20	0.20	<LOQ	Pass
Etofenprox	0.40	0.40	<LOQ	Pass	Spiromesifen	0.20	0.20	<LOQ	Pass
Etoxazole	0.20	0.20	<LOQ	Pass	Spirotetramat	0.20	0.20	<LOQ	Pass
Fenoxycarb	0.20	0.20	<LOQ	Pass	Spiroxamine	0.40	0.40	<LOQ	Pass
Fenpyroximate	0.40	0.40	<LOQ	Pass	Tebuconazole	0.40	0.40	<LOQ	Pass
Fipronil	0.40	0.40	<LOQ	Pass	Thiacloprid	0.20	0.20	<LOQ	Pass
Flonicamid	1.00	1.00	<LOQ	Pass	Thiamethoxam	0.20	0.20	<LOQ	Pass
Fludioxonil	0.40	0.40	<LOQ	Pass	Trifloxystrobin	0.20	0.20	<LOQ	Pass
Hexythiazox	1.00	1.00	<LOQ	Pass					

Methods: LCMS/MS. 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.



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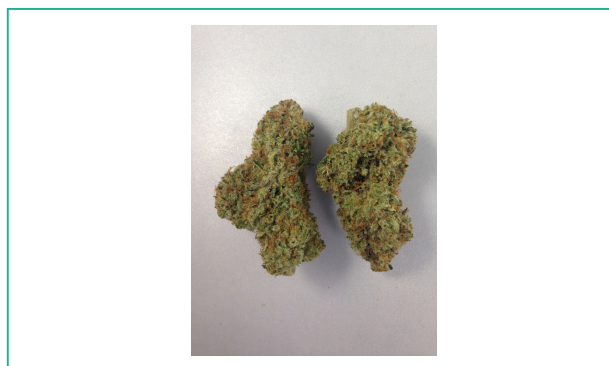


## Moisture

M-103017-DL  
10/30/2017

## Complete

**13.5%**  
**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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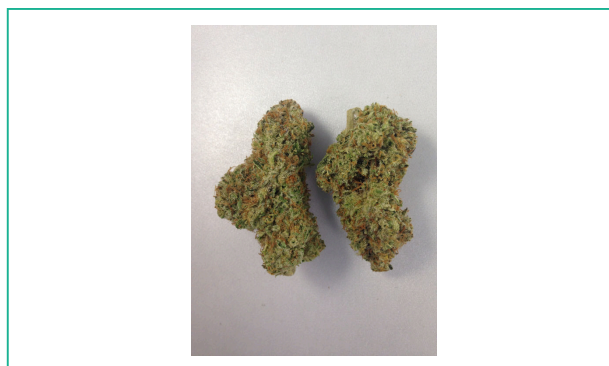


## Water Activity

W-102717-CB  
10/27/2017

Pass

**0.4552 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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## Quality Control Data

Analytical Batch ID	QC Sample ID	Assay Name	QC Category Name
Potency-171030A-PS-HPLC3		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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## Quality Control Data

Analytical Batch ID	QC Sample ID	Assay Name	QC Category Name
Potency-171030A-PS-HPLC3		Cannabinoids	Lab Control Sample

### QC Notes

None

Compound	CCV Result (ppm)	Expected Result (ppm)	% Recovery	Limits (%)	Notes
CBDa	238.5	250	95.400	90-110	
THCa	252.42	250	100.968	90-110	
CBD	249.88	250	99.952	90-110	
Δ9-THC	248.15	250	99.26	90-110	



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## Quality Control Data

Analytical Batch ID	QC Sample ID	Assay Name	QC Category Name
Potency-171030A-PS-HPLC3		Cannabinoids	Sample Duplicate

### QC Notes

Δ9-THC outside working limits, remains within state regulations of  $\leq 30\%$ .

Compound	Primary Sample Result (%)	Duplicate Sample Result (%)	% RSD	Limits (%)	Notes
CBDa	< LOQ	< LOQ	ERR	$\leq 10$	
THCa	83.8	84	0.169	$\leq 10$	
CBD	< LOQ	< LOQ	ERR	$\leq 10$	
Δ9-THC	0.32	0.48	28.284	$\leq 10$	



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## Quality Control Data

Analytical Batch ID	QC Sample ID	Assay Name	QC Category Name
Potency-171030A-PS-HPLC3		Cannabinoids	Spike

### QC Notes

None

Compound	Post Spike Result (ppm)	Expected Result (ppm)	% Recovery	Limits (%)	Notes
CBDa	25.85	25	103.4	80-120	
THCa	26.79	25	107.160	80-120	
CBD	24.91	25	99.64	80-120	
Δ9-THC	24.3	25	97.2	80-120	
Compound	Pre Spike Result (ppm)	Expected Result (ppm)	% Recovery	Limits (%)	Notes
Δ8-THC	21.64	25	86.56	80-120	



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## Quality Control Data

Analytical Batch ID	QC Sample ID	Assay Name	QC Category Name
M-103017-DL		Moisture	Blank

QC Notes  
None

Compound	Tray Tare Weight (g)	Sample Weight (g)	Total Weight After Drying (g)	Recovery (%)	Recovery Limits (%)	Notes
Method Blank	1.3659	NA	1.3634	99.817	95-105	
Control Blank	1.3702	0.5009	1.3684	99.869	95-105	



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## sofresh farms

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(503) 956-5266  
Lic. #020-100010499D8

## Sample: PD171026-018

Strain: Mendobreath  
Batch#: Mendo; Batch Size: 3947 - grams  
Sample Received: 10/26/2017; Report Created: 11/01/2017; Expires: 11/01/2018

## Mendobreath

Plant, Flower - Cured  
Harvest Process Lot: ; METRC Batch: 1A4010300001E17000001629; METRC Sample: 1A4010300001E17000001633



## Quality Control Data

Analytical Batch ID	QC Sample ID	Assay Name	QC Category Name
Pesticides-171031-TD-Batch A		Required Pesticides	Blank

### QC Notes

Daminozide had contamination in the MB and MSD. Acequinocyl is a low recovery analyte and was outside the range of acceptability in the LCS's. 11/1/17 TD

Compound	Blank Result (ppm)	Blank Limits (ppm)	Notes
Daminozide	1.156	<LOQ	
Acephate	0	<LOQ	
Methomyl	0	<LOQ	
Oxamyl	0	<LOQ	
Flonicamid	0	<LOQ	
Thiamethoxam	0	<LOQ	
Dimethoate	0	<LOQ	
Imidacloprid	0	<LOQ	
MGK264	0	<LOQ	
Aldicarb	0	<LOQ	
Acetamiprid	0	<LOQ	
Thiacloprid	0.0002	<LOQ	
Propoxur	0	<LOQ	
Methyl-Parathion	0	<LOQ	
Dichlorvos-D6 IS	0.9579	1	
Carbofuran	0	<LOQ	
Dichlorvos	0	<LOQ	
Carbaryl	0	<LOQ	
Naled	0	<LOQ	
Chloantraniliprole	0.0029	<LOQ	
Metalaxyl	0	<LOQ	
Methiocarb	0	<LOQ	
Phosmet	0	<LOQ	
Boscalid	0.013	<LOQ	
Pacllobutrazol	0	<LOQ	
Fludioxonil	0	<LOQ	
Imazalil	0	<LOQ	
Bifenazate	0.0023	<LOQ	
Myclobutanil	0	<LOQ	
Ethoprophos	0.0017	<LOQ	



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## sofresh farms

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Lic. #020-100010499D8

## Sample: PD171026-018

Strain: Mendobreath  
Batch#: Mendo; Batch Size: 3947 - grams  
Sample Received: 10/26/2017; Report Created: 11/01/2017; Expires: 11/01/2018

## Mendobreath

Plant, Flower - Cured  
Harvest Process Lot: ; METRC Batch: 1A4010300001E17000001629; METRC Sample: 1A4010300001E17000001633



## Quality Control Data

Analytical Batch ID	QC Sample ID	Assay Name	QC Category Name
Pesticides-171031-TD-Batch A		Required Pesticides	Blank

### QC Notes

Daminozide had contamination in the MB and MSD. Acequinocyl is a low recovery analyte and was outside the range of acceptability in the LCS's. 11/1/17 TD

Compound	Blank Result (ppm)	Blank Limits (ppm)	Notes
Malathion	0	<LOQ	
Azoxystrobin	0	<LOQ	
Spirotetramat	0	<LOQ	
Chlorfenapyr	0	<LOQ	
Fenoxycarb	0	<LOQ	
Kresoxym-methyl	0	<LOQ	
Tebuconazole	0	<LOQ	
Diazinon	0.0017	<LOQ	
Clofentazine	0.003	<LOQ	
Propiconazole	0	<LOQ	
Fipronil	0	<LOQ	
Spiroxamine	0	<LOQ	
Spinosad D	0	<LOQ	
Prallethrin	0	<LOQ	
Trifloxystrobin	0	<LOQ	
Chlorpyrifos	0.0065	<LOQ	
Hexythiazox	0	<LOQ	
Spinosad A	0	<LOQ	
Etoxazole	0	<LOQ	
py Pyrethrin I	0	<LOQ	
Cyfluthrin	0	<LOQ	
Spiromesifen	0	<LOQ	
Pyridaben	0	<LOQ	
Fenpyroximate	0	<LOQ	
Cypermethrin	0	<LOQ	
Permethrin	0.0966	<LOQ	
Etofenprox	0	<LOQ	
Abamectin	0.0144	<LOQ	
Piperonyl Butoxide	0.1163	<LOQ	
Bifenthrin	0	<LOQ	



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## sofresh farms

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## Sample: PD171026-018

Strain: Mendobreath  
Batch#: Mendo; Batch Size: 3947 - grams  
Sample Received: 10/26/2017; Report Created: 11/01/2017; Expires: 11/01/2018

## Mendobreath

Plant, Flower - Cured  
Harvest Process Lot: ; METRC Batch: 1A4010300001E17000001629; METRC Sample: 1A4010300001E17000001633



## Quality Control Data

Analytical Batch ID	QC Sample ID	Assay Name	QC Category Name
Pesticides-171031-TD-Batch A		Required Pesticides	Blank

### QC Notes

Daminozide had contamination in the MB and MSD. Acequinocyl is a low recovery analyte and was outside the range of acceptability in the LCS's. 11/1/17 TD

Compound	Blank Result (ppm)	Blank Limits (ppm)	Notes
Acequinocyl	0	<LOQ	low recovery analyte
Chlorpyrifos d10 SS	0.9666	1	



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## sofresh farms

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## Sample: PD171026-018

Strain: Mendobreath  
Batch#: Mendo; Batch Size: 3947 - grams  
Sample Received: 10/26/2017; Report Created: 11/01/2017; Expires: 11/01/2018

## Mendobreath

Plant, Flower - Cured  
Harvest Process Lot: ; METRC Batch: 1A4010300001E17000001629; METRC Sample: 1A4010300001E17000001633



## Quality Control Data

Analytical Batch ID	QC Sample ID	Assay Name	QC Category Name
Pesticides-171031-TD-Batch A		Required Pesticides	Lab Control Sample

### QC Notes

Daminozide had contamination in the MB and MSD. Acequinocyl is a low recovery analyte and was outside the range of acceptability in the LCS's. 11/1/17 TD

Compound	LCS Results (ppm)	Expected LCS Results (ppm)	% Recovery	Limits (%)	Notes
Daminozide	1.0482	1	104.82	70-130	
Acephate	1.0004	1	100.04	70-130	
Methomyl	0.9432	1	94.32	70-130	
Oxamyl	0.9483	1	94.83	70-130	
Fonicamid	1.019	1	101.900	70-130	
Thiamethoxam	1.0015	1	100.15	70-130	
Dimethoate	1.0466	1	104.66	70-130	
Imidacloprid	1.0505	1	105.05	70-130	
MGK264	1.1016	1	110.16	70-130	
Aldicarb	0.9633	1	96.33	70-130	
Acetamiprid	0.984	1	98.4	70-130	
Thiacloprid	1.0015	1	100.15	70-130	
Propoxur	0.9738	1	97.38	70-130	
Methyl-Parathion	0.92	1	92	70-130	
Dichlorvos-D6 IS	1.005	1	100.500	70-130	
Carbofuran	1.0128	1	101.280	70-130	
Dichlorvos	0.9738	1	97.38	70-130	
Carbaryl	0.9848	1	98.48	70-130	
Naled	0.9815	1	98.15	70-130	
Chloantraniliprole	0.9867	1	98.67	70-130	
Metalaxyl	0.9979	1	99.79	70-130	
Methiocarb	0.9628	1	96.28	70-130	
Phosmet	0.9529	1	95.29	70-130	
Boscalid	0.9581	1	95.81	70-130	
Paclobutrazol	0.9564	1	95.64	70-130	
Fludioxonil	0.9549	1	95.49	70-130	
Imazalil	1.0206	1	102.06	70-130	
Bifenazate	0.9732	1	97.32	70-130	
Myclobutanil	0.9609	1	96.09	70-130	
Ethoprophos	1.0191	1	101.91	70-130	



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## Sample: PD171026-018

Strain: Mendobreath  
Batch#: Mendo; Batch Size: 3947 - grams  
Sample Received: 10/26/2017; Report Created: 11/01/2017; Expires: 11/01/2018

## Mendobreath

Plant, Flower - Cured  
Harvest Process Lot: ; METRC Batch: 1A4010300001E17000001629; METRC Sample: 1A4010300001E17000001633



## Quality Control Data

Analytical Batch ID	QC Sample ID	Assay Name	QC Category Name
Pesticides-171031-TD-Batch A		Required Pesticides	Lab Control Sample

### QC Notes

Daminozide had contamination in the MB and MSD. Acequinocyl is a low recovery analyte and was outside the range of acceptability in the LCS's. 11/1/17 TD

Compound	LCS Results (ppm)	Expected LCS Results (ppm)	% Recovery	Limits (%)	Notes
Malathion	0.9415	1	94.15	70-130	
Azoxystrobin	1.0036	1	100.36	70-130	
Spirotetramat	0.974	1	97.400	70-130	
Chlorfenapyr	0.8731	1	87.31	70-130	
Fenoxycarb	0.9635	1	96.350	70-130	
Kresoxym-methyl	0.9555	1	95.55	70-130	
Tebuconazole	0.9609	1	96.09	70-130	
Diazinon	0.9578	1	95.78	70-130	
Clofentazine	1.0169	1	101.69	70-130	
Propiconazole	0.9957	1	99.57	70-130	
Fipronil	0.95	1	95	70-130	
Spiroxamine	1.0317	1	103.17	70-130	
Spinosad D	1.1329	1	113.29	70-130	
Prallethrin	1.0346	1	103.46	70-130	
Trifloxystrobin	1.0335	1	103.350	70-130	
Chlorpyrifos	1.0119	1	101.19	70-130	
Hexythiazox	1.0705	1	107.05	70-130	
Spinosad A	1.1806	1	118.06	70-130	
Etoxazole	1.0346	1	103.46	70-130	
py Pyrethrin I	0.8584	1	85.84	70-130	
Cyfluthrin	0.9917	1	99.17	70-130	
Spiromesifen	0.9459	1	94.59	70-130	
Pyridaben	0.8604	1	86.04	70-130	
Fenpyroximate	1.0833	1	108.33	70-130	
Cypermethrin	0.8217	1	82.17	70-130	
Permethrin	0.8228	1	82.28	70-130	
Etofenprox	1.023	1	102.3	70-130	
Abamectin	1.1938	1	119.38	70-130	
Piperonyl Butoxide	1.0532	1	105.32	70-130	
Bifenthrin	0.923	1	92.300	70-130	



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## sofresh farms

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Lic. #020-100010499D8

## Sample: PD171026-018

Strain: Mendobreath  
Batch#: Mendo; Batch Size: 3947 - grams  
Sample Received: 10/26/2017; Report Created: 11/01/2017; Expires: 11/01/2018

## Mendobreath

Plant, Flower - Cured  
Harvest Process Lot: ; METRC Batch: 1A4010300001E17000001629; METRC Sample: 1A4010300001E17000001633



## Quality Control Data

Analytical Batch ID	QC Sample ID	Assay Name	QC Category Name
Pesticides-171031-TD-Batch A		Required Pesticides	Lab Control Sample

### QC Notes

Daminozide had contamination in the MB and MSD. Acequinocyl is a low recovery analyte and was outside the range of acceptability in the LCS's. 11/1/17 TD

Compound	LCS Results (ppm)	Expected LCS Results (ppm)	% Recovery	Limits (%)	Notes
Acequinocyl	0.5262	1	52.62	70-130	low recovery analyte
Chlorpyrifos d10 SS	1.1412	1	114.12	70-130	



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## Sample: PD171026-018

Strain: Mendobreath  
Batch#: Mendo; Batch Size: 3947 - grams  
Sample Received: 10/26/2017; Report Created: 11/01/2017; Expires: 11/01/2018

## Mendobreath

Plant, Flower - Cured  
Harvest Process Lot: ; METRC Batch: 1A4010300001E17000001629; METRC Sample: 1A4010300001E17000001633



## Quality Control Data

Analytical Batch ID	QC Sample ID	Assay Name	QC Category Name
Pesticides-171031-TD-Batch A		Required Pesticides	Lab Control Sample

### QC Notes

Daminozide had contamination in the MB and MSD. Acequinocyl is a low recovery analyte and was outside the range of acceptability in the LCS's. 11/1/17 TD

Compound	LCS Results (ppm)	Expected LCS Results (ppm)	% Recovery	Limits (%)	Notes
Daminozide	1.2208	1	122.080	70-130	
Acephate	1.0176	1	101.76	70-130	
Methomyl	0.9908	1	99.08	70-130	
Oxamyl	0.8857	1	88.57	70-130	
Fonicamid	0.965	1	96.5	70-130	
Thiamethoxam	0.9785	1	97.850	70-130	
Dimethoate	1.0314	1	103.140	70-130	
Imidacloprid	1.0095	1	100.95	70-130	
MGK-264	1.1464	1	114.640	70-130	
Aldicarb	0.9487	1	94.87	70-130	
Acetamiprid	1.002	1	100.2	70-130	
Thiacloprid	1.0212	1	102.12	70-130	
Propoxur	0.9562	1	95.62	70-130	
Methyl Parathion	1.066	1	106.600	70-130	
Dichlorvos-D6 IS	0.995	1	99.5	70-130	
Carbofuran	0.9692	1	96.92	70-130	
Dichlorvos	0.9782	1	97.82	70-130	
Carbaryl	0.9632	1	96.32	70-130	
Naled	0.8565	1	85.65	70-130	
Chlorantraniliprole	0.9693	1	96.93	70-130	
Metalaxyl	0.9921	1	99.21	70-130	
Methiocarb	1.0052	1	100.520	70-130	
Phosmet	0.9391	1	93.910	70-130	
Boscalid	0.9399	1	93.99	70-130	
Paclobutrazol	0.9616	1	96.16	70-130	
Fludioxonil	0.9531	1	95.310	70-130	
Imazalil	1.0114	1	101.140	70-130	
Bifenazate	0.9668	1	96.68	70-130	
Myclobutanil	0.9211	1	92.11	70-130	
Ethoprophos	1.0479	1	104.79	70-130	



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Lic. #020-100010499D8

## Sample: PD171026-018

Strain: Mendobreath  
Batch#: Mendo; Batch Size: 3947 - grams  
Sample Received: 10/26/2017; Report Created: 11/01/2017; Expires: 11/01/2018

## Mendobreath

Plant, Flower - Cured  
Harvest Process Lot: ; METRC Batch: 1A4010300001E17000001629; METRC Sample: 1A4010300001E17000001633



## Quality Control Data

Analytical Batch ID	QC Sample ID	Assay Name	QC Category Name
Pesticides-171031-TD-Batch A		Required Pesticides	Lab Control Sample

### QC Notes

Daminozide had contamination in the MB and MSD. Acequinocyl is a low recovery analyte and was outside the range of acceptability in the LCS's. 11/1/17 TD

Compound	LCS Results (ppm)	Expected LCS Results (ppm)	% Recovery	Limits (%)	Notes
Malathion	0.9605	1	96.05	70-130	
Azoxystrobin	0.9984	1	99.840	70-130	
Spirotetramat	0.972	1	97.2	70-130	
Chlorfenapyr	1.0569	1	105.69	70-130	
Fenoxycarb	0.9305	1	93.05	70-130	
Kresoxim Methyl	0.9185	1	91.85	70-130	
Tebuconazole	0.9151	1	91.51	70-130	
Diazinon	0.9582	1	95.82	70-130	
Clofentezine	0.9991	1	99.91	70-130	
Propiconazole	0.9723	1	97.23	70-130	
Fipronil	0.956	1	95.6	70-130	
Spiroxamine	1.0123	1	101.23	70-130	
Spinosad D	0.9831	1	98.31	70-130	
Prallethrin	0.9654	1	96.54	70-130	
Trifloxystrobin	0.9505	1	95.05	70-130	
Chlorpyrifos	0.9761	1	97.61	70-130	
Hexythiazox	1.0345	1	103.45	70-130	
Spinosad A	1.1294	1	112.94	70-130	
Etoxazole	1.12	1	112.000	70-130	
Pyrethrins	0.9756	1	97.56	70-130	
Cyfluthrin	1.0103	1	101.03	70-130	
Spiromesifen	1.0711	1	107.11	70-130	
Pyridaben	1.1066	1	110.66	70-130	
Fenpyroximate	0.9407	1	94.07	70-130	
Cypermethrin	1.0183	1	101.83	70-130	
Permethrin	1.0812	1	108.120	70-130	
Etofenprox	1.108	1	110.800	70-130	
Abamectin	1.0822	1	108.22	70-130	
Piperonyl Butoxide	1.0742	1	107.42	70-130	
Bifenthrin	1.148	1	114.8	70-130	



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19 of 23

## sofresh farms

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Lic. #020-100010499D8

Sample: PD171026-018

Strain: Mendobreath  
Batch#: Mendo; Batch Size: 3947 - grams  
Sample Received: 10/26/2017; Report Created: 11/01/2017; Expires: 11/01/2018

## Mendobreath

Plant, Flower - Cured  
Harvest Process Lot: ; METRC Batch: 1A4010300001E17000001629; METRC Sample: 1A4010300001E17000001633



## Quality Control Data

Analytical Batch ID	QC Sample ID	Assay Name	QC Category Name
Pesticides-171031-TD-Batch A		Required Pesticides	Lab Control Sample

### QC Notes

Daminozide had contamination in the MB and MSD. Acequinocyl is a low recovery analyte and was outside the range of acceptability in the LCS's. 11/1/17 TD

Compound	LCS Results (ppm)	Expected LCS Results (ppm)	% Recovery	Limits (%)	Notes
Acequinocyl	1.6618	1	166.18	70-130	low recovery analyte
Chlorpyrifos d10 SS	0.8588	1	85.88	70-130	



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## sofresh farms

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## Sample: PD171026-018

Strain: Mendobreath  
Batch#: Mendo; Batch Size: 3947 - grams  
Sample Received: 10/26/2017; Report Created: 11/01/2017; Expires: 11/01/2018

## Mendobreath

Plant, Flower - Cured  
Harvest Process Lot: ; METRC Batch: 1A4010300001E17000001629; METRC Sample: 1A4010300001E17000001633



## Quality Control Data

Analytical Batch ID	QC Sample ID	Assay Name	QC Category Name
Pesticides-171031-TD-Batch A		Required Pesticides	Spike

### QC Notes

Daminozide had contamination in the MB and MSD. Acequinocyl is a low recovery analyte and was outside the range of acceptability in the LCS's. 11/1/17 TD

Compound	MS Result (ppm)	MSD Result (ppm)	Expected Result (ppm)	RPD%	RPD% Limit	MS Recovery (%)	MSD Recovery (%)	Limits (%)	Notes
Daminozide	0	0.9627	<LOQ	-	<30	-	-	70-130	contaminated
Acephate	0	0	<LOQ	-	<30	-	-	70-130	
Methomyl	0	0	<LOQ	-	<30	-	-	70-130	
Oxamyl	0	0	<LOQ	-	<30	-	-	70-130	
Flonicamid	0	0	<LOQ	-	<30	-	-	70-130	
Thiamethoxam	0	0	<LOQ	-	<30	-	-	70-130	
Dimethoate	0	0	<LOQ	-	<30	-	-	70-130	
Imidacloprid	0	0	<LOQ	-	<30	-	-	70-130	
MGK264	0	0	<LOQ	-	<30	-	-	70-130	
Aldicarb	0	0	<LOQ	-	<30	-	-	70-130	
Acetamiprid	0	0	<LOQ	-	<30	-	-	70-130	
Thiacloprid	0	0	<LOQ	-	<30	-	-	70-130	
Propoxur	0	0	<LOQ	-	<30	-	-	70-130	
Methyl-Parathion	0	0	<LOQ	-	<30	-	-	70-130	
Dichlorvos-D6 IS	1.0212	0.9667	1	5.483	<30	102.12	96.67	70-130	
Carbofuran	0	0	<LOQ	-	<30	-	-	70-130	
Dichlorvos	0	0	<LOQ	-	<30	-	-	70-130	
Carbaryl	0	0.0046	<LOQ	-	<30	-	-	70-130	
Naled	0	0	<LOQ	-	<30	-	-	70-130	
Chloanthraniliprole	0.0033	0	<LOQ	-	<30	-	-	70-130	
Metalaxyl	0.0004	0	<LOQ	-	<30	-	-	70-130	
Methiocarb	0	0	<LOQ	-	<30	-	-	70-130	
Phosmet	0	0	<LOQ	-	<30	-	-	70-130	
Boscalid	0	0	<LOQ	-	<30	-	-	70-130	
Paclobutrazol	0	0	<LOQ	-	<30	-	-	70-130	
Fludioxonil	0	0	<LOQ	-	<30	-	-	70-130	
Imazalil	0	0	<LOQ	-	<30	-	-	70-130	
Bifenazate	0.0096	0.0028	<LOQ	-	<30	-	-	70-130	
Myclobutanil	0	0	<LOQ	-	<30	-	-	70-130	
Ethoprophos	0	0	<LOQ	-	<30	-	-	70-130	



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21 of 23

## sofresh farms

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(503) 956-5266  
Lic. #020-100010499D8

## Sample: PD171026-018

Strain: Mendobreath  
Batch#: Mendo; Batch Size: 3947 - grams  
Sample Received: 10/26/2017; Report Created: 11/01/2017; Expires: 11/01/2018

## Mendobreath

Plant, Flower - Cured  
Harvest Process Lot: ; METRC Batch: 1A4010300001E17000001629; METRC Sample: 1A4010300001E17000001633



## Quality Control Data

Analytical Batch ID	QC Sample ID	Assay Name	QC Category Name
Pesticides-171031-TD-Batch A		Required Pesticides	Spike

### QC Notes

Daminozide had contamination in the MB and MSD. Acequinocyl is a low recovery analyte and was outside the range of acceptability in the LCS's. 11/1/17 TD

Compound	MS Result (ppm)	MSD Result (ppm)	Expected Result (ppm)	RPD%	RPD% Limit	MS Recovery (%)	MSD Recovery (%)	Limits (%)	Notes
Malathion	0	0	<LOQ	-	<30	-	-	70-130	
Azoxystrobin	0	0	<LOQ	-	<30	-	-	70-130	
Spirotetramat	0	0	<LOQ	-	<30	-	-	70-130	
Chlorfenapyr	0	0	<LOQ	-	<30	-	-	70-130	
Fenoxycarb	0	0	<LOQ	-	<30	-	-	70-130	
Kresoxym-methyl	0	0	<LOQ	-	<30	-	-	70-130	
Tebuconazole	0.001	0	<LOQ	-	<30	-	-	70-130	
Diazinon	0	0	<LOQ	-	<30	-	-	70-130	
Clofentazine	0	0	<LOQ	-	<30	-	-	70-130	
Propiconazole	0.0217	0	<LOQ	-	<30	-	-	70-130	
Fipronil	0	0	<LOQ	-	<30	-	-	70-130	
Spiroxamine	0	0	<LOQ	-	<30	-	-	70-130	
Spinosad D	0	0	<LOQ	-	<30	-	-	70-130	
Prallethrin	0.0146	0	<LOQ	-	<30	-	-	70-130	
Trifloxystrobin	0	0	<LOQ	-	<30	-	-	70-130	
Chlorpyrifos	0.0052	0.0031	<LOQ	-	<30	-	-	70-130	
Hexythiazox	0	0	<LOQ	-	<30	-	-	70-130	
Spinosad A	0	0	<LOQ	-	<30	-	-	70-130	
Etoxazole	0	0	<LOQ	-	<30	-	-	70-130	
py Pyrethrin I	0	0	<LOQ	-	<30	-	-	70-130	
Cyfluthrin	0	0	<LOQ	-	<30	-	-	70-130	
Spiromesifen	0	0	<LOQ	-	<30	-	-	70-130	
Pyridaben	0	0	<LOQ	-	<30	-	-	70-130	
Fenpyroximate	0	0	<LOQ	-	<30	-	-	70-130	
Cypermethrin	0	0	<LOQ	-	<30	-	-	70-130	
Permethrin	0.0663	0	<LOQ	-	<30	-	-	70-130	
Etofenprox	0.0445	0	<LOQ	-	<30	-	-	70-130	
Abamectin	0.0061	0.0132	<LOQ	-	<30	-	-	70-130	
Piperonyl Butoxide	0.1004	0.0895	<LOQ	-	<30	-	-	70-130	
Bifenthrin	0	0	<LOQ	-	<30	-	-	70-130	



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## sofresh farms

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## Sample: PD171026-018

Strain: Mendobreath  
Batch#: Mendo; Batch Size: 3947 - grams  
Sample Received: 10/26/2017; Report Created: 11/01/2017; Expires: 11/01/2018

## Mendobreath

Plant, Flower - Cured  
Harvest Process Lot: ; METRC Batch: 1A4010300001E17000001629; METRC Sample: 1A4010300001E17000001633



## Quality Control Data

Analytical Batch ID	QC Sample ID	Assay Name	QC Category Name
Pesticides-171031-TD-Batch A		Required Pesticides	Spike

### QC Notes

Daminozide had contamination in the MB and MSD. Acequinocyl is a low recovery analyte and was outside the range of acceptability in the LCS's. 11/1/17 TD

Compound	MS Result (ppm)	MSD Result (ppm)	Expected Result (ppm)	RPD%	RPD% Limit	MS Recovery (%)	MSD Recovery (%)	Limits (%)	Notes
Acequinocyl	0	0	<LOQ	-	<30	-	-	70-130	low recovery analyte
Chlorpyrifos d10 SS	1.1477	0.7558	1	41.177	<30	114.77	75.58	70-130	



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## Sample: PD171026-018

Strain: Mendobreath  
Batch#: Mendo; Batch Size: 3947 - grams  
Sample Received: 10/26/2017; Report Created: 11/01/2017; Expires: 11/01/2018

## Mendobreath

Plant, Flower - Cured  
Harvest Process Lot: ; METRC Batch: 1A4010300001E17000001629; METRC Sample: 1A4010300001E17000001633



## Quality Control Data

Analytical Batch ID	QC Sample ID	Assay Name	QC Category Name
W-102717-CB		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	0.4964	0.5	0.0036	±0.005	24.85	25	0.150	±4	
Beginning CCV	0.7583	0.76	0.0017	±0.005	24.87	25	0.130	±4	
Ending CCV	0.4965	0.5	0.0035	±0.005	25.11	25	0.110	±4	
Ending CCV	0.7577	0.76	0.0023	±0.005	25.02	25	0.02	±4	



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