

## Western Oregon Botanicals

Sherwood, OR 97140  
abdullah.naimi@yahoo.com  
(208) 989-3449  
Lic. #020-10021071D94

Sample: 1708CH0135.0787

Strain: Cannatonic  
Batch#: A2; Batch Size: 6810 - grams  
Sample Received: 08/16/2017; Report Created: 09/14/2017; Expires: 09/14/2018  
Sampling: Random; Environment: Room Temp

## Cannatonic

Plant, Flower - Cured, Indoor  
Harvest Process Lot: 7/11 harvest; METRC Batch: 1A4010300098BF00000461; METRC Sample: 1A4010300098BF00000484



**Pass**

Pesticides

Moisture	Water Activity
<b>9.4%</b>	<b>0.548</b>
	0.65 Limit

Microbial Potential

## Cannabinoids

208 HPLC1 20170819-2  
08/19/2017

**Pass**

**4.97%**

Total THC\* (Calculated  
Decarboxylated Potential)

**8.67%**

Total CBD\*\* (Calculated  
Decarboxylated Potential)

**16.05%**

Total Cannabinoids Analyzed

Analyte	LOQ	Mass	Mass
	mg/g	%	mg/g
THCa	0.5	5.18	51.8
Δ9-THC	0.5	0.43	4.3
THCV	0.5	<LOQ	<LOQ
CBDa	0.5	9.55	95.5
CBD	0.5	0.30	3.0
CBDV	0.5	<LOQ	<LOQ
CBN	0.5	<LOQ	<LOQ
CBGa	0.5	0.60	6.0
CBG	0.5	<LOQ	<LOQ
CBC	0.5	<LOQ	<LOQ
<b>Total</b>		<b>16.05</b>	<b>160.5</b>

\*Total THC = THCa \* 0.877 + d9-THC. \*\*Total CBD = CBDa \* 0.877 + CBD.  
Report Compliant with OAR Rule 333-008-1190.  
Based on dry weight; LOQ = Limit of Quantification; NR = Not Reported; ND = Not Detected

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## Pesticides

263 LCQQQ1 20170817-1  
08/18/2017

Pass

Analyte	LOQ	Limit	Mass	Status	Analyte	LOQ	Limit	Mass	Status
	PPB	PPB	PPB			PPB	PPB	PPB	
Abamectin	300	500	<LOQ	Pass	Imazalil	300	200	<LOQ	Pass
Acephate	200	400	<LOQ	Pass	Imidacloprid	100	400	<LOQ	Pass
Acequinocyl	900	2000	<LOQ	Pass	Kresoxim Methyl	100	400	<LOQ	Pass
Acetamiprid	200	200	<LOQ	Pass	Malathion	200	200	<LOQ	Pass
Aldicarb	300	400	<LOQ	Pass	Metalaxyl	100	200	<LOQ	Pass
Azoxystrobin	200	200	<LOQ	Pass	Methiocarb	200	200	<LOQ	Pass
Bifenazate	200	200	<LOQ	Pass	Methomyl	200	400	<LOQ	Pass
Bifenthrin	200	200	<LOQ	Pass	Methyl Parathion	200	200	<LOQ	Pass
Boscalid	400	400	<LOQ	Pass	MGK-264	100	200	<LOQ	Pass
Carbaryl	200	200	<LOQ	Pass	Myclobutanil	200	200	<LOQ	Pass
Carbofuran	200	200	<LOQ	Pass	Naled	500	500	<LOQ	Pass
Chlorantraniliprole	200	200	<LOQ	Pass	Oxamyl	200	1000	<LOQ	Pass
Chlorfenapyr	500	1000	<LOQ	Pass	Paclobotrazol	100	400	<LOQ	Pass
Chlorpyrifos	200	200	<LOQ	Pass	Permethrins	200	200	<LOQ	Pass
Clofentezine	200	200	<LOQ	Pass	Phosmet	300	200	<LOQ	Pass
Cyfluthrin	1000	1000	<LOQ	Pass	Piperonyl Butoxide	200	2000	<LOQ	Pass
Cypermethrin	1000	1000	<LOQ	Pass	Prallethrin	200	200	<LOQ	Pass
Daminozide	200	1000	<LOQ	Pass	Propiconazole	400	400	<LOQ	Pass
Diazinon	200	200	<LOQ	Pass	Propoxur	200	200	<LOQ	Pass
Dichlorvos	800	1000	<LOQ	Pass	Pyrethrins	1000	1000	<LOQ	Pass
Dimethoate	200	200	<LOQ	Pass	Pyridaben	100	200	<LOQ	Pass
Ethoprophos	100	200	<LOQ	Pass	Spinosad	100	200	<LOQ	Pass
Etofenprox	200	400	<LOQ	Pass	Spiromesifen	100	200	<LOQ	Pass
Etoxazole	100	200	<LOQ	Pass	Spirotetramat	200	200	<LOQ	Pass
Fenoxycarb	200	200	<LOQ	Pass	Spiroxamine	100	400	<LOQ	Pass
Fenpyroximate	200	400	<LOQ	Pass	Tebuconazole	200	400	<LOQ	Pass
Fipronil	100	400	<LOQ	Pass	Thiacloprid	200	200	<LOQ	Pass
Flonicamid	200	1000	<LOQ	Pass	Thiamethoxam	200	200	<LOQ	Pass
Fludioxonil	400	400	<LOQ	Pass	Trifloxystrobin	200	200	<LOQ	Pass
Hexythiazox	500	1000	<LOQ	Pass					

Method: Modified AOAC 2007.01, Triple Quad analysis; LOQ = Limit of Quantification; PPB = Parts Per Billion; ND = Not Detected; NR = Not Reported; ORELAP ID 4057

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## Quality Control Data

Analytical Batch ID	QC Sample ID	Assay Name	QC Category Name
208 HPLC1 20170819-2	PMB08161701F	Cannabinoids	Blank

### QC Notes

None

Compounds	Blank Result	Blank Max % (LOQ)	Blank Result %	Notes
THCa	0	0.05	<LOQ	-
Δ9-THC	0	0.05	<LOQ	-
CBDa	0	0.05	<LOQ	-
CBD	0	0.05	<LOQ	-



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## Quality Control Data

Analytical Batch ID	QC Sample ID	Assay Name	QC Category Name
208 HPLC1 20170819-2	PLCS08161701F	Cannabinoids	Lab Control Sample

### QC Notes

None

Compounds	LCS Result (%)	LCS Spike	LCS % Rec	% Limits	Notes
THCa	19.45	17.8	109.27	70 - 130	-
Δ9-THC	1.15	1.13	101.77	70 - 130	-
CBDa	0.32	0.35	91.43	70 - 130	-
CBD	0.02	0.01	<LOQ	57 - 143	<LOQ



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## Quality Control Data

Analytical Batch ID	QC Sample ID	Assay Name	QC Category Name
208 HPLC1 20170819-2	PMD08161701F	Cannabinoids	Sample Duplicate

### QC Notes

None

Compounds	Sample Result (%)	Duplicate Result (%)	Matrix Duplicate % RPD	RPD Max %	Notes
THCa	24.12	22.96	4.93	20	
Δ9-THC	3.17	3.3	4.02	20	
CBDa	0.06	0.06	0	20	
CBD	0	0	<LOQ	20	



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## Quality Control Data

Analytical Batch ID	QC Sample ID	Assay Name	QC Category Name
208 HPLC1 20170819-2	PMS08161701F	Cannabinoids	Spike

### QC Notes

None

Compounds	Matrix Spike % Rec	% Limits	Notes
THCa	74.84	70 - 130	
Δ9-THC	96.93	70 - 130	
CBDa	87.5	70 - 130	
CBD	95.17	70 - 130	



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## Quality Control Data

Analytical Batch ID	QC Sample ID	Assay Name	QC Category Name
155 GCQQQ1 20170817-3	MRMB08161701	Required Pesticides	Blank

### QC Notes

None

Compounds	LOQ (PPB)	Blank Result PPB	Notes
Chlorfenapyr	500	<LOQ	-
Cyfluthrin	1000	<LOQ	-
Cypermethrin	1000	<LOQ	-
Fipronil	40	<LOQ	-
Fludioxonil	40	<LOQ	-
MGK-264	200	<LOQ	-
Methyl Parathion	200	<LOQ	-



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## Quality Control Data

Analytical Batch ID	QC Sample ID	Assay Name	QC Category Name
263 LCQQQ1 20170817-1	MR-MB08161701	Required Pesticides	Blank

### QC Notes

None

Compounds	LOQ (PPB)	Blank Result PPB
Acephate	200	<LOQ
Acequinocyl	900	<LOQ
Acetamiprid	200	<LOQ
Aldicarb	300	<LOQ
Abamectin	300	<LOQ
Azoxystrobin	200	<LOQ
Bifenazate	200	<LOQ
Bifenthrin	200	<LOQ
Boscalid	400	<LOQ
Carbaryl	200	<LOQ
Carbofuran	200	<LOQ
Chlorantraniliprole	200	<LOQ
Chlorpyrifos	200	<LOQ
Clofentezine	200	<LOQ
Daminozide	200	<LOQ
Diazinon	200	<LOQ
Dichlorvos	800	<LOQ
Dimethoate	200	<LOQ
Ethoprophos	100	<LOQ
Etofenprox	200	<LOQ
Etoxazole	100	<LOQ
Fenoxycarb	200	<LOQ
Fenpyroximate	200	<LOQ
Flonicamid	100	<LOQ
Hexythiazox	500	<LOQ
Imazalil	300	<LOQ
Imidacloprid	100	<LOQ
Kresoxim Methyl	100	<LOQ
Malathion	200	<LOQ
Metalaxyl	100	<LOQ





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Analytical Batch ID	QC Sample ID	Assay Name	QC Category Name
263 LCQQQ1 20170817-1	MR-MB08161701	Required Pesticides	Blank

### QC Notes

None

Compounds	LOQ (PPB)	Blank Result PPB
Methiocarb	200	<LOQ
Methomyl	200	<LOQ
Myclobutanil	200	<LOQ
Naled	500	<LOQ
Oxamyl	200	<LOQ
Paclbutrazol	100	<LOQ
Permethrin	200	<LOQ
Phosmet	300	<LOQ
Piperonyl Butoxide	200	<LOQ
Prallethrin	200	<LOQ
Propiconazole	400	<LOQ
Propoxur	200	<LOQ
Pyrethrins	1000	<LOQ
Pyridaben	100	<LOQ
Spinosad	100	<LOQ
Spiromesifen	100	<LOQ
Spirotetramat	200	<LOQ
Spiroxamine	100	<LOQ
Tebuconazole	200	<LOQ
Thiacloprid	200	<LOQ
Thiamethoxam	200	<LOQ
Trifloxystrobin	200	<LOQ



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## Quality Control Data

Analytical Batch ID	QC Sample ID	Assay Name	QC Category Name
155 GCQQQ1 20170817-3	MRLCS08161701	Required Pesticides	Lab Control Sample

### QC Notes

None

Compounds	LCS % Rec	% Limits	Notes
Chlorfenapyr	129	69 - 132	-
Cyfluthrin	110.000	68 - 136	-
Cypermethrin	108	67 - 134	-
Fipronil	118	67 - 136	-
Fludioxonil	104	69 - 139	-
MGK-264	108	65 - 145	-
Parathion Methyl	118	66 - 131	-



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## Quality Control Data

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263 LCQQQ1 20170817-1	MR-LCS08161701	Required Pesticides	Lab Control Sample

### QC Notes

None

Compounds	LCS % Rec	LCS % Limits	Notes
Acephate	94.4	56 - 149	-
Acequinocyl	85.8	30 - 142	-
Acetamiprid	92.8	56 - 149	-
Aldicarb	91.4	53 - 150	-
Abamectin	86.9	30 - 140	-
Azoxystrobin	96.5	55 - 138	-
Bifenazate	96.4	53 - 137	-
Bifenthrin	120.9	30 - 150	-
Boscalid	97.4	55 - 142	-
Carbaryl	94.6	56 - 150	-
Carbofuran	97.9	57 - 142	-
Chlorantraniliprole	93.9	54 - 141	-
Chlorpyrifos	118.5	34 - 150	-
Clofentezine	96.4	44 - 150	-
Daminozide	75	30 - 150	-
Diazinon	85.2	55 - 134	-
Dichlorvos	93.1	49 - 149	-
Dimethoate	91.9	56 - 149	-
Ethoprophos	85.8	52 - 143	-
Etofenprox	109.2	46 - 140	-
Etoxazole	80	50 - 134	-
Fenoxycarb	92.5	53 - 139	-
Fenproximate	83.1	45 - 127	-
Flonicamid	98.5	55 - 145	-
Hexythiazox	103.1	39 - 141	-
Imazalil	66.4	40 - 149	-
Imidacloprid	89.7	54 - 150	-
Kresoxim Methyl	105.6	57 - 139	-
Malathion	95.1	51 - 147	-
Metalaxyl	90.1	58 - 142	-



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263 LCQQQ1 20170817-1	MR-LCS08161701	Required Pesticides	Lab Control Sample

### QC Notes

None

Compounds	LCS % Rec	LCS % Limits	Notes
Methiocarb	100.5	50 - 150	-
Methomyl	91.5	55 - 150	-
Myclobutanil	90.4	54 - 145	-
Naled	95.3	49 - 146	-
Oxamyl	92.8	56 - 147	-
Paclobutrazol	86.5	56 - 139	-
Permethrin	87.9	30 - 138	-
Phosmet	102.6	57 - 146	-
Piperonyl Butoxide	81.5	48 - 146	-
Prallethrin	101	53 - 146	-
Propiconazole	89.6	49 - 129	-
Propoxur	93.6	56 - 150	-
Pyrethrins	116.57	30 - 150	-
Pyridaben	93.5	50 - 132	-
Spinosad	47.8	30 - 150	-
Spiromesifen	79.8	52 - 136	-
Spirotetramat	83.7	46 - 150	-
Spiroxamine	50.9	30 - 150	-
Tebuconazole	87.3	48 - 136	-
Thiacloprid	94.2	47 - 150	-
Thiamethoxam	93.6	57 - 147	-
Trifloxystrobin	97.1	46 - 147	-



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Analytical Batch ID	QC Sample ID	Assay Name	QC Category Name
155 GCQQQ1 20170817-3	MRMS08161701 and MRMSD08161701	Required Pesticides	Spike

### QC Notes

None

Compounds	Matrix Spike Duplicate % RPD	RPD Max %	% RPD Result	Matrix Spike % Rec	% Limits	Notes
Chlorfenapyr	11.01	20	<20	99.6	62 - 130	
Cyfluthrin	15.82	20	<20	90.8	63 - 128	
Cypermethrin	19.88	20	<20	92.4	58 - 126	
Fipronil	11.45	20	<20	98.8	62 - 134	
Fludioxonil	16.34	20	<20	83.2	62 - 139	
MGK-264	10.69	20	<20	95.6	56 - 150	
Methyl Parathion	8.11	20	<20	108.8	63 - 135	

