

Western Oregon Botanicals

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

Sample: 1709CH0211.0988

Strain: Mango
Batch#: 1; Batch Size: 1289.36 - grams
Sample Received: 09/26/2017; Report Created: 10/03/2017; Expires: 10/03/2018
Sampling: Random; Environment: Room Temp

Mango trim

Plant, Trim, Indoor
Harvest Process Lot: Harvest 9/13 Mango; METRC Batch: 1A40103000098BF000000569; METRC Sample: 1A40103000098BF000000572



Pass

Pesticides

Moisture	Water Activity
11.3%	0.572
	0.65 Limit

Microbial Potential

Cannabinoids

090 HPLC2 20170926-2
09/26/2017

Pass

16.69%

Total THC* (Calculated Decarboxylated Potential)

<LOQ

Total CBD** (Calculated Decarboxylated Potential)

19.71%

Total Cannabinoids Analyzed

Analyte	LOQ	Mass	Mass
	mg/g	%	mg/g
THCa	0.5	18.42	184.2
Δ9-THC	0.5	0.54	5.4
THCV	0.5	<LOQ	<LOQ
CBDa	0.5	<LOQ	<LOQ
CBD	0.5	<LOQ	<LOQ
CBDV	0.5	<LOQ	<LOQ
CBN	0.5	<LOQ	<LOQ
CBGa	0.5	0.75	7.5
CBG	0.5	<LOQ	<LOQ
CBC	0.5	<LOQ	<LOQ
Total		19.71	197.1

*Total THC = THCa * 0.877 + d9-THC.
LOQ = Limit of Quantification; NR = Not Reported; ND = Not Detected

**Total CBD = CBDa * 0.877 + CBD.

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Pesticides

303 LCQQQ1 20170928-1
09/29/2017

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	Paclbutrazol	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
090 HPLC2 20170926-2	PMB09251701F	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
090 HPLC2 20170926-2	PLCS09251701F	Cannabinoids	Lab Control Sample

QC Notes

None

Compounds	LCS Result (%)	LCS Spike	LCS % Rec	% Limits	Notes
THCa	17.39	18.69	93.04	70 - 130	-
Δ9-THC	1.94	1.98	97.98	70 - 130	-
CBDa	0.38	0.41	92.68	70 - 130	-
CBD	0.053	0.08	66.25	57 - 143	-



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Quality Control Data

Analytical Batch ID	QC Sample ID	Assay Name	QC Category Name
090 HPLC2 20170926-2	PMS09251701F	Cannabinoids	Spike

QC Notes

None

Compounds	LOQ	Matrix Duplicate % RPD	Duplicate RPD Notes	Matrix Spike % Rec	% Limits	Notes
THCa	0.06	1.96	<20	6	70 - 130	Below Limit Range
Δ9-THC	0.06	0.91	<20	96	70 - 130	-
CBDa	0.06	<LOQ	<LOQ	86	70 - 130	-
CBD	0.06	<LOQ	<LOQ	89	70 - 130	-



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Quality Control Data

Analytical Batch ID	QC Sample ID	Assay Name	QC Category Name
303 LCQQQ1 20170928-1	MRMB09251701 LC	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
Fenprothimox	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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Quality Control Data

Analytical Batch ID	QC Sample ID	Assay Name	QC Category Name
303 LCQQQ1 20170928-1	MRMB09251701 LC	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
303 LCQQQ1 20170928-1	MRLCS09251701 LC	Required Pesticides	Lab Control Sample

QC Notes

None

Compounds	LCS % Rec	LCS % Limits	Notes
Acephate	103.6	56 - 149	-
Acequinocyl	90.9	30 - 142	-
Acetamiprid	94	56 - 149	-
Aldicarb	93	53 - 150	-
Abamectin	89.2	30 - 140	-
Azoxystrobin	96	55 - 138	-
Bifenazate	103.8	53 - 137	-
Bifenthrin	125.6	30 - 150	-
Boscalid	99.9	55 - 142	-
Carbaryl	97.9	56 - 150	-
Carbofuran	93	57 - 142	-
Chlorantraniliprole	99.1	54 - 141	-
Chlorpyrifos	114.6	34 - 150	-
Clofentezine	94.1	44 - 150	-
Daminozide	98.4	30 - 150	-
Diazinon	93.3	55 - 134	-
Dichlorvos	91.1	49 - 149	-
Dimethoate	93.4	56 - 149	-
Ethoprophos	89.2	52 - 143	-
Etofenprox	123.7	46 - 140	-
Etoxazole	84.4	50 - 134	-
Fenoxycarb	107.7	53 - 139	-
Fenproximate	84.7	45 - 127	-
Flonicamid	93.9	55 - 145	-
Hexythiazox	103.6	39 - 141	-
Imazalil	82.7	40 - 149	-
Imidacloprid	86.4	54 - 150	-
Kresoxim Methyl	102.5	57 - 139	-
Malathion	113.2	51 - 147	-
Metalaxyl	92.2	58 - 142	-



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Quality Control Data

Analytical Batch ID	QC Sample ID	Assay Name	QC Category Name
303 LCQQQ1 20170928-1	MRLCS09251701 LC	Required Pesticides	Lab Control Sample

QC Notes

None

Compounds	LCS % Rec	LCS % Limits	Notes
Methiocarb	93.7	50 - 150	-
Methomyl	93.6	55 - 150	-
Myclobutanil	93.4	54 - 145	-
Naled	101.1	49 - 146	-
Oxamyl	92.5	56 - 147	-
Paclbutrazol	89.8	56 - 139	-
Permethrin	133.6	30 - 138	-
Phosmet	107.2	57 - 146	-
Piperonyl Butoxide	87.5	48 - 146	-
Prallethrin	107.6	53 - 146	-
Propiconazole	86.5	49 - 129	-
Propoxur	94.9	56 - 150	-
Pyrethrins	115.67	30 - 150	-
Pyridaben	89.9	50 - 132	-
Spinosad	58.1	30 - 150	-
Spiromesifen	84.6	52 - 136	-
Spirotetramat	83.5	46 - 150	-
Spiroxamine	64.8	30 - 150	-
Tebuconazole	90.2	48 - 136	-
Thiacloprid	93.2	47 - 150	-
Thiamethoxam	88.9	57 - 147	-
Trifloxystrobin	100.4	46 - 147	-



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303 LCQQQ1 20170928-1	MRMS09251701 LC	Required Pesticides	Spike

QC Notes

None

Compounds	Matrix Spike Duplicate % RPD	RPD Max %	% RPD Result	Matrix Spike % Rec	% Limits	Notes
Acephate	1.15	30	<30	122.3	52 - 150	-
Acequinocyl	5.37	30	<30	79.7	30 - 147	-
Acetamiprid	1.7	30	<30	106.9	47 - 148	-
Aldicarb	2.08	30	<30	104.8	48 - 145	-
Abamectin	11.93	30	<30	113.7	41 - 150	-
Azoxystrobin	2.67	30	<30	114	50 - 150	-
Bifenazate	0.91	30	<30	120.8	50 - 150	-
Bifenthrin	8.96	30	<30	137.6	46 - 150	-
Boscalid	6.76	30	<30	117.8	50 - 150	-
Carbaryl	1.1	30	<30	110.1	57 - 150	-
Carbofuran	0.73	30	<30	108.5	51 - 150	-
Chlorantraniliprole	3.89	30	<30	110	52 - 150	-
Chlorpyrifos	11.27	30	<30	144	30 - 150	-
Clofentezine	3.86	30	<30	95.1	53 - 146	-
Daminozide	0.79	30	<30	126.7	30 - 150	-
Diazinon	3.76	30	<30	111.1	41 - 145	-
Dichlorvos	8.84	30	<30	108.7	54 - 141	-
Dimethoate	1.22	30	<30	107.6	49 - 149	-
Ethoprophos	6.45	30	<30	107.3	47 - 146	-
Etofenprox	1.21	30	<30	139.5	38 - 150	-
Etoxazole	4.67	30	<30	98.7	34 - 150	-
Fenoxycarb	0.33	30	<30	120.5	54 - 150	-
Fenpyroximate	2.21	30	<30	100.6	34 - 150	-
Flonicamid	3.07	30	<30	102.7	45 - 143	-
Hexythiazox	5.67	30	<30	119.7	30 - 150	-
Imazalil	3.6	30	<30	99	30 - 147	-
Imidacloprid	0.93	30	<30	96.5	43 - 148	-
Kresoxim Methyl	7.6	30	<30	94.2	56 - 144	-
Malathion	4.02	30	<30	134.5	55 - 150	-
Metalaxyl	0.09	30	<30	105.5	50 - 150	-



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303 LCQQQ1 20170928-1	MRMS09251701 LC	Required Pesticides	Spike

QC Notes

None

Compounds	Matrix Spike Duplicate % RPD	RPD Max %	% RPD Result	Matrix Spike % Rec	% Limits	Notes
Methiocarb	1	30	<30	109.6	50 - 150	-
Methomyl	1.01	30	<30	109.1	42 - 150	-
Myclobutanil	2.05	30	<30	113.3	43 - 150	-
Naled	3.88	30	<30	118.1	46 - 150	-
Oxamyl	0.38	30	<30	104.1	41 - 150	-
Paclobutrazol	4.58	30	<30	111.6	47 - 150	-
Permethrin	17	30	<30	181.9	37 - 150	Above Limit Range
Phosmet	1.2	30	<30	132.1	35 - 150	-
Piperonyl Butoxide	0.1	30	<30	97.6	30 - 149	-
Prallethrin	3.82	30	<30	110.3	46 - 150	-
Propiconazole	9.48	30	<30	92.8	40 - 150	-
Propoxur	0.18	30	<30	109.4	53 - 150	-
Pyrethrins	11.61	30	<30	141.49	30 - 150	-
Pyridaben	4.91	30	<30	96	41 - 150	-
Spinosad	8.28	30	<30	75.5	30 - 150	-
Spiromesifen	7.66	30	<30	103	43 - 150	-
Spirotetramat	2.89	30	<30	101.8	48 - 150	-
Spiroxamine	3.01	30	<30	77.5	30 - 143	-
Tebuconazole	0.1	30	<30	104.1	45 - 150	-
Thiacloprid	1.21	30	<30	108	50 - 147	-
Thiamethoxam	0.5	30	<30	99.4	40 - 147	-
Trifloxystrobin	4.33	30	<30	120.2	50 - 150	-

