



## Certificate of Analysis

Report Date: Aug 23 2016 6:01PM

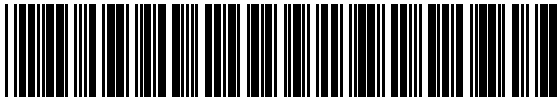
Expiration Date: Oct 1 2016 12:56PM

**Customer:** OM Extracts  
175 Lomas Rd, Jacksonville, OR 97530

**Sample Num:** PD160817-042

**Comments:** 31-080316-4

**Sample Name:** Cannatonic B  
**Sample Type:** Concentrate  
**Sample Num:** PD160817-042  
**Sample Date:** Aug 17 2016 5:44PM  
**Received (g):** 1.5  
**Received By:** BW



PD160817-042

Requested Tests	Method	Result	LOQ	Unit	Analyzed By	Analyzed Date
<b>Cannabinoid Profile</b>						
Total THC (THCa*0.877+D9THC)	HPLC/UV	30.75	0.1	%	KM	Aug 23, 2016
Total CBD (CBDa*0.877+CBD)	HPLC/UV	43.55	0.1	%	KM	Aug 23, 2016
CBD-A	HPLC/UV	41.79	0.1	%	KM	Aug 23, 2016
THC-A	HPLC/UV	21.47	0.1	%	KM	Aug 23, 2016
CBD	HPLC/UV	6.90	0.1	%	KM	Aug 23, 2016
CBG	HPLC/UV	0.35	0.1	%	KM	Aug 23, 2016
CBN	HPLC/UV	ND	0.1	%	KM	Aug 23, 2016
d9-THC	HPLC/UV	11.92	0.1	%	KM	Aug 23, 2016
d8-THC	HPLC/UV	0.15	0.1	%	KM	Aug 23, 2016
CBC	HPLC/UV	1.07	0.1	%	KM	Aug 23, 2016
<b>Mold and Mildew</b>						
Total Mold	3M Petrifilm	ND	100	cfu's/g or mL	KM	Aug 23, 2016
Total Yeast	3M Petrifilm	ND	100	cfu's/g or mL	KM	Aug 23, 2016

\*ND - Measured value below LOQ   \*LOQ - Limit of Quantification   \*CFU - Colony Forming Units   \*TNTC - Too Numerous To Count

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**Pesticide Analysis LC**

Pesticide Analysis	LC/QQQ	Pass			KM	Aug 23, 2016
Abamectin	LC/QQQ	ND	0.1	ppm	KM	Aug 23, 2016
Acetamiprid	LC/QQQ	ND	0.1	ppm	KM	Aug 23, 2016
Azoxystrobin	LC/QQQ	ND	0.1	ppm	KM	Aug 23, 2016
Bifenazate	LC/QQQ	0.12	0.1	ppm	KM	Aug 23, 2016
Boscalid	LC/QQQ	ND	0.1	ppm	KM	Aug 23, 2016
Carbaryl	LC/QQQ	ND	0.1	ppm	KM	Aug 23, 2016
Carbofuran	LC/QQQ	ND	0.1	ppm	KM	Aug 23, 2016
Chlorantraniliprole	LC/QQQ	ND	0.1	ppm	KM	Aug 23, 2016
Clofentezine	LC/QQQ	ND	0.1	ppm	KM	Aug 23, 2016
Cyfluthrin	LC/QQQ	ND	0.1	ppm	KM	Aug 23, 2016
Daminozide	LC/QQQ	ND	0.1	ppm	KM	Aug 23, 2016
Dichlorvos	LC/QQQ	ND	0.1	ppm	KM	Aug 23, 2016
* Diazinon	LC/QQQ	0.14	0.1	ppm	KM	Aug 23, 2016
Dimethoate	LC/QQQ	ND	0.1	ppm	KM	Aug 23, 2016
Etoxazole	LC/QQQ	ND	0.1	ppm	KM	Aug 23, 2016
Fenoxycarb	LC/QQQ	ND	0.1	ppm	KM	Aug 23, 2016
Fenpyroximate	LC/QQQ	ND	0.1	ppm	KM	Aug 23, 2016
Flonicamid	LC/QQQ	ND	0.1	ppm	KM	Aug 23, 2016
Hexythiazox	LC/QQQ	ND	0.1	ppm	KM	Aug 23, 2016
Imazalil	LC/QQQ	ND	0.1	ppm	KM	Aug 23, 2016
Imidacloprid	LC/QQQ	ND	0.1	ppm	KM	Aug 23, 2016
Kresoxim-methyl	LC/QQQ	ND	0.1	ppm	KM	Aug 23, 2016
Malathion	LC/QQQ	ND	0.1	ppm	KM	Aug 23, 2016
Metalaxyl	LC/QQQ	ND	0.1	ppm	KM	Aug 23, 2016
Methiocarb	LC/QQQ	ND	0.1	ppm	KM	Aug 23, 2016
Methomyl	LC/QQQ	ND	0.1	ppm	KM	Aug 23, 2016
Myclobutanil (Systhane)	LC/QQQ	ND	0.1	ppm	KM	Aug 23, 2016
Naled	LC/QQQ	ND	0.1	ppm	KM	Aug 23, 2016
Oxamyl	LC/QQQ	ND	0.1	ppm	KM	Aug 23, 2016
Paclobutrazol	LC/QQQ	ND	0.1	ppm	KM	Aug 23, 2016
Phosmet	LC/QQQ	ND	0.1	ppm	KM	Aug 23, 2016
Piperonyl butoxide	LC/QQQ	0.60	0.1	ppm	KM	Aug 23, 2016
Prallethrin	LC/QQQ	ND	0.1	ppm	KM	Aug 23, 2016

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Propiconazole	LC/QQQ	ND	0.1	ppm	KM	Aug 23, 2016
Propoxur	LC/QQQ	ND	0.1	ppm	KM	Aug 23, 2016
Pyridaben	LC/QQQ	ND	0.1	ppm	KM	Aug 23, 2016
Spinosad	LC/QQQ	ND	0.1	ppm	KM	Aug 23, 2016
Spirotetramat	LC/QQQ	ND	0.1	ppm	KM	Aug 23, 2016
Spiroxamine	LC/QQQ	ND	0.1	ppm	KM	Aug 23, 2016
Tebuconazole	LC/QQQ	ND	0.1	ppm	KM	Aug 23, 2016
Thiacloprid	LC/QQQ	ND	0.1	ppm	KM	Aug 23, 2016
Thiamethoxam	LC/QQQ	ND	0.1	ppm	KM	Aug 23, 2016
Trifloxystrobin	LC/QQQ	ND	0.1	ppm	KM	Aug 23, 2016
<b>Residual Solvent</b>						
Methyl Alcohol	GC/MS Headspace	ND	80	ppm	KM	Aug 23, 2016
Ethanol	GC/MS Headspace	ND	80	ppm	KM	Aug 23, 2016
Acetone	GC/MS Headspace	ND	80	ppm	KM	Aug 23, 2016
Isopropyl Alcohol	GC/MS Headspace	ND	80	ppm	KM	Aug 23, 2016
Methylene Chloride	GC/MS Headspace	ND	80	ppm	KM	Aug 23, 2016
n-Hexane	GC/MS Headspace	ND	80	ppm	KM	Aug 23, 2016
Tetrahydrofuran	GC/MS Headspace	ND	80	ppm	KM	Aug 23, 2016
Benzene	GC/MS Headspace	ND	80	ppm	KM	Aug 23, 2016
Heptane	GC/MS Headspace	ND	80	ppm	KM	Aug 23, 2016
Toluene	GC/MS Headspace	ND	80	ppm	KM	Aug 23, 2016
Ethane	GC/MS Headspace	ND	80	ppm	KM	Aug 23, 2016
Propane	GC/MS Headspace	ND	80	ppm	KM	Aug 23, 2016
Isobutane	GC/MS Headspace	ND	80	ppm	KM	Aug 23, 2016
Butane	GC/MS Headspace	ND	80	ppm	KM	Aug 23, 2016
Isopentane	GC/MS Headspace	ND	80	ppm	KM	Aug 23, 2016
Pentane	GC/MS Headspace	ND	80	ppm	KM	Aug 23, 2016
<b>Terpene</b>						
* alpha-Pinene	GC/MS/HS	1384	50	ppm	KM	Aug 23, 2016
* Camphene	GC/MS/HS	84	50	ppm	KM	Aug 23, 2016
* Myrcene	GC/MS/HS	3905	50	ppm	KM	Aug 23, 2016
* Beta-Pinene	GC/MS/HS	477	50	ppm	KM	Aug 23, 2016
3-Carene	GC/MS/HS	ND	50	ppm	KM	Aug 23, 2016
Alpha-Terpinene	GC/MS/HS	ND	50	ppm	KM	Aug 23, 2016
* Limonene	GC/MS/HS	365	50	ppm	KM	Aug 23, 2016

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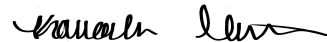
**Comments:** 31-080316-4

Ocimene	GC/MS/HS	77	50	ppm	KM	Aug 23, 2016
Gamma-Terpinene	GC/MS/HS	64	50	ppm	KM	Aug 23, 2016
Terpinolene	GC/MS/HS	64	50	ppm	KM	Aug 23, 2016
* Linalool	GC/MS/HS	357	50	ppm	KM	Aug 23, 2016
Isopulegol	GC/MS/HS	ND	50	ppm	KM	Aug 23, 2016
Geraniol	GC/MS/HS	ND	50	ppm	KM	Aug 23, 2016
Beta-Caryophyllene	GC/MS/HS	1428	50	ppm	KM	Aug 23, 2016
* Humulene	GC/MS/HS	386	50	ppm	KM	Aug 23, 2016
Nerolidol	GC/MS/HS	ND	50	ppm	KM	Aug 23, 2016
trans-Nerolidol	GC/MS/HS	ND	50	ppm	KM	Aug 23, 2016
* Guaiol	GC/MS/HS	172	50	ppm	KM	Aug 23, 2016
Alpha-Bisabolol	GC/MS/HS	177	50	ppm	KM	Aug 23, 2016

Approved by:



Bjorn Fritzsche, QA Manager



Kawai Medeiros, Lab Director

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