



Certificate of Analysis

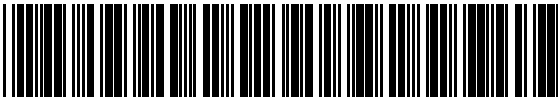
Report Date: May 2 2016 11:37AM

Expiration Date: 7/19/2016 19:35

Customer: OM Farms
 PO Box 322, Jacksonville, OR 97530

Comments:

Sample Name: Critical Mass
Sample Type: Flower
Sample Num: PD160419-077
Sample Date: Apr 19 2016 7:37PM
Weight Received (g): 3.5
Amount Paid:
Received By: TZ



PD160419-077

Requested Tests	Method	Result	LOQ	Unit	Analyzed By	Analyzed Date
Mold and Mildew						
Mold and Mildew	3M Petrifilm	Pass			BB	Apr 22, 2016
Total Mold	3M Petrifilm	ND	100	cfu's/g or mL	BB	Apr 22, 2016
Total Yeast	3M Petrifilm	200	100	cfu's/g or mL	BB	Apr 22, 2016
Pesticide Analysis						
Pesticide Analysis	LC/QQQ	Pass			BB	Apr 22, 2016
Abamectin	LC/QQQ	ND	0.1	ppm	BB	Apr 22, 2016
Acephate	LC/QQQ	ND	0.1	ppm	BB	Apr 22, 2016
Acequinocyl	LC/QQQ	ND	0.1	ppm	BB	Apr 22, 2016
Acetamiprid	LC/QQQ	ND	0.1	ppm	BB	Apr 22, 2016
Aldicarb	LC/QQQ	ND	0.1	ppm	BB	Apr 22, 2016
Azoxystrobin	LC/QQQ	ND	0.1	ppm	BB	Apr 22, 2016
Bifenazate	LC/QQQ	ND	0.1	ppm	BB	Apr 22, 2016
Bifenthrin	LC/QQQ	ND	0.1	ppm	BB	Apr 22, 2016

*ND - Measured value below LOQ

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Comments:

Boscalid	LC/QQQ	ND	0.1	ppm	BB	Apr 22, 2016
Carbaryl	LC/QQQ	ND	0.1	ppm	BB	Apr 22, 2016
Carbofuran	LC/QQQ	ND	0.1	ppm	BB	Apr 22, 2016
Chlorantraniliprole	LC/QQQ	ND	0.1	ppm	BB	Apr 22, 2016
Chlorfenapyr	LC/QQQ	ND	0.1	ppm	BB	Apr 22, 2016
Chlorpyrifos	LC/QQQ	ND	0.1	ppm	BB	Apr 22, 2016
Clofentezine	LC/QQQ	ND	0.1	ppm	BB	Apr 22, 2016
Cyfluthrin	LC/QQQ	ND	0.1	ppm	BB	Apr 22, 2016
Cypermethrin	LC/QQQ	ND	0.1	ppm	BB	Apr 22, 2016
Daminozide	LC/QQQ	ND	0.1	ppm	BB	Apr 22, 2016
Dichlorvos	LC/QQQ	ND	0.1	ppm	BB	Apr 22, 2016
Diazinon	LC/QQQ	ND	0.1	ppm	BB	Apr 22, 2016
Dimethoate	LC/QQQ	ND	0.1	ppm	BB	Apr 22, 2016
Ethoprophos	LC/QQQ	ND	0.1	ppm	BB	Apr 22, 2016
Etofenprox	LC/QQQ	ND	0.1	ppm	BB	Apr 22, 2016
Etoxazole	LC/QQQ	ND	0.1	ppm	BB	Apr 22, 2016
Fenoxycarb	LC/QQQ	ND	0.1	ppm	BB	Apr 22, 2016
Fenpyroximate	LC/QQQ	ND	0.1	ppm	BB	Apr 22, 2016
Fipronil	LC/QQQ	ND	0.1	ppm	BB	Apr 22, 2016
Flonicamid	LC/QQQ	ND	0.1	ppm	BB	Apr 22, 2016
Fludioxonil	LC/QQQ	ND	0.1	ppm	BB	Apr 22, 2016
Hexythiazox	LC/QQQ	ND	0.1	ppm	BB	Apr 22, 2016
Imazalil	LC/QQQ	ND	0.1	ppm	BB	Apr 22, 2016
Imidacloprid	LC/QQQ	ND	0.1	ppm	BB	Apr 22, 2016
Kresoxim-methyl	LC/QQQ	ND	0.1	ppm	BB	Apr 22, 2016
Malathion	LC/QQQ	ND	0.1	ppm	BB	Apr 22, 2016
Metalaxyl	LC/QQQ	ND	0.1	ppm	BB	Apr 22, 2016
Methiocarb	LC/QQQ	ND	0.1	ppm	BB	Apr 22, 2016
Methomyl	LC/QQQ	ND	0.1	ppm	BB	Apr 22, 2016
Methyl parathion	LC/QQQ	ND	0.1	ppm	BB	Apr 22, 2016
MGK-264	LC/QQQ	ND	0.1	ppm	BB	Apr 22, 2016
Myclobutanil (Systhane)	LC/QQQ	ND	0.1	ppm	BB	Apr 22, 2016
Naled	LC/QQQ	ND	0.1	ppm	BB	Apr 22, 2016
Oxamyl	LC/QQQ	ND	0.1	ppm	BB	Apr 22, 2016
Paclobutrazol	LC/QQQ	ND	0.1	ppm	BB	Apr 22, 2016

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Comments:

cis-Permethrin	LC/QQQ	ND	0.1	ppm	BB	Apr 22, 2016
trans-Permethrin	LC/QQQ	ND	0.1	ppm	BB	Apr 22, 2016
Phosmet	LC/QQQ	ND	0.1	ppm	BB	Apr 22, 2016
Piperonyl butoxide	LC/QQQ	ND	0.1	ppm	BB	Apr 22, 2016
Prallethrin	LC/QQQ	ND	0.1	ppm	BB	Apr 22, 2016
Propiconazole	LC/QQQ	ND	0.1	ppm	BB	Apr 22, 2016
Propoxur	LC/QQQ	ND	0.1	ppm	BB	Apr 22, 2016
Pyrethrin	LC/QQQ	ND	0.1	ppm	BB	Apr 22, 2016
Pyridaben	LC/QQQ	ND	0.1	ppm	BB	Apr 22, 2016
Spinosad	LC/QQQ	ND	0.1	ppm	BB	Apr 22, 2016
Spiromesifen	LC/QQQ	ND	0.1	ppm	BB	Apr 22, 2016
Spirotetramat	LC/QQQ	ND	0.1	ppm	BB	Apr 22, 2016
Spiroxamine	LC/QQQ	ND	0.1	ppm	BB	Apr 22, 2016
Tebuconazole	LC/QQQ	ND	0.1	ppm	BB	Apr 22, 2016
Thiacloprid	LC/QQQ	ND	0.1	ppm	BB	Apr 22, 2016
Thiamethoxam	LC/QQQ	ND	0.1	ppm	BB	Apr 22, 2016
Trifloxystrobin	LC/QQQ	ND	0.1	ppm	BB	Apr 22, 2016

Terpene

* alpha-Pinene	GC/MS/HS	3995.564	50	ppm	BB	May 02, 2016
* Camphene	GC/MS/HS	72.314	50	ppm	BB	May 02, 2016
* Myrcene	GC/MS/HS	5467.867	50	ppm	BB	May 02, 2016
* Beta-Pinene	GC/MS/HS	1623.632	50	ppm	BB	May 02, 2016
3-Carene	GC/MS/HS	ND	50	ppm	BB	May 02, 2016
Alpha-Terpinene	GC/MS/HS	ND	50	ppm	BB	May 02, 2016
* Limonene	GC/MS/HS	353.580	50	ppm	BB	May 02, 2016
Ocimene	GC/MS/HS	119.249	50	ppm	BB	May 02, 2016
Gamma-Terpinene	GC/MS/HS	ND	50	ppm	BB	May 02, 2016
Terpinolene	GC/MS/HS	ND	50	ppm	BB	May 02, 2016
* Linalool	GC/MS/HS	343.058	50	ppm	BB	May 02, 2016
Isopulegol	GC/MS/HS	177.354	50	ppm	BB	May 02, 2016
Geraniol	GC/MS/HS	ND	50	ppm	BB	May 02, 2016
Beta-Caryophyllene	GC/MS/HS	363.870	50	ppm	BB	May 02, 2016
* Humulene	GC/MS/HS	132.779	50	ppm	BB	May 02, 2016
Nerolidol	GC/MS/HS	ND	50	ppm	BB	May 02, 2016
trans-Nerolidol	GC/MS/HS	51.732	50	ppm	BB	May 02, 2016

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Comments:

* Guaiol	GC/MS/HS	80.307	50	ppm	BB	May 02, 2016
Alpha-Bisabolol	GC/MS/HS	ND	50	ppm	BB	May 02, 2016
Total THC Potency						
Total THC (THCa*0.877+D9THC)	HPLC/UV	6.12	0.1	%	BB	Apr 22, 2016
Total CBD (CBDa*0.877+CBD)	HPLC/UV	9.82	0.1	%	BB	Apr 22, 2016
CBD-A	HPLC/UV	10.73	0.1	%	BB	Apr 22, 2016
THC-A	HPLC/UV	6.01	0.1	%	BB	Apr 22, 2016
CBD	HPLC/UV	0.40	0.1	%	BB	Apr 22, 2016
CBG	HPLC/UV	ND	0.1	%	BB	Apr 22, 2016
CBN	HPLC/UV	ND	0.1	%	BB	Apr 22, 2016
d9-THC	HPLC/UV	0.84	0.1	%	BB	Apr 22, 2016
d8-THC	HPLC/UV	0.15	0.1	%	BB	Apr 22, 2016
CBC	HPLC/UV	0.11	0.1	%	BB	Apr 22, 2016

Approved by:



Bjorn Fritzsche, QA Manager



Corina Grodek, Lab Director

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