



Certificate of Analysis

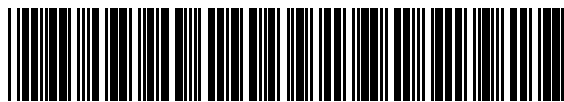
Report Date: May 25 2016 1:57PM

Expiration Date: 10/1/2016 19:30

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

Comments:

Sample Name: Blackberry Cheesecake
Sample Type: Concentrate (Terpene)
Sample Num: PD160517-071
Sample Date: May 17 2016 7:35PM
Weight Received (g): 1.5
Amount Paid:
Received By: TC



PD160517-071

| Requested Tests | Method | Result | LOQ | Unit | Analyzed By | Analyzed Date |
|---------------------------|--------------|--------|-----|---------------|-------------|---------------|
| Mold and Mildew | | | | | | |
| Mold and Mildew | 3M Petrifilm | Pass | | | KM | May 21, 2016 |
| Total Mold | 3M Petrifilm | ND | 100 | cfu's/g or mL | KM | May 21, 2016 |
| Total Yeast | 3M Petrifilm | ND | 100 | cfu's/g or mL | KM | May 21, 2016 |
| Pesticide Analysis | | | | | | |
| Pesticide Analysis | LC/QQQ | Pass | | | KM | May 21, 2016 |
| Abamectin | LC/QQQ | ND | 0.1 | ppm | KM | May 21, 2016 |
| Acephate | LC/QQQ | ND | 0.1 | ppm | KM | May 21, 2016 |
| Acequinocyl | LC/QQQ | ND | 0.1 | ppm | KM | May 21, 2016 |
| Acetamiprid | LC/QQQ | ND | 0.1 | ppm | KM | May 21, 2016 |
| Aldicarb | LC/QQQ | ND | 0.1 | ppm | KM | May 21, 2016 |
| Azoxystrobin | LC/QQQ | ND | 0.1 | ppm | KM | May 21, 2016 |
| Bifenazate | LC/QQQ | ND | 0.1 | ppm | KM | May 21, 2016 |
| Bifenthrin | LC/QQQ | ND | 0.1 | ppm | KM | May 21, 2016 |

*ND - Measured value below LOQ

In compliance with Oregon Administrative Rules 333-007-0300 and 333-008-9000. MRX Labs operates under a TNI 2009 compliant quality system. All QC samples met requirements outlined in the SOPs. QC Data available upon request. These results relate only to the sample included in this report. Test report may not be reproduced except in full, without the written approval of MRX Labs LLC, 14775 SE 74th Ave, Tigard, OR, (503) 954-3992.

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Comments:

| | | | | | | |
|-------------------------|--------|----|-----|-----|----|--------------|
| Boscalid | LC/QQQ | ND | 0.1 | ppm | KM | May 21, 2016 |
| Carbaryl | LC/QQQ | ND | 0.1 | ppm | KM | May 21, 2016 |
| Carbofuran | LC/QQQ | ND | 0.1 | ppm | KM | May 21, 2016 |
| Chlorantraniliprole | LC/QQQ | ND | 0.1 | ppm | KM | May 21, 2016 |
| Chlorfenapyr | LC/QQQ | ND | 0.1 | ppm | KM | May 21, 2016 |
| Chlorpyrifos | LC/QQQ | ND | 0.1 | ppm | KM | May 21, 2016 |
| Clofentezine | LC/QQQ | ND | 0.1 | ppm | KM | May 21, 2016 |
| Cyfluthrin | LC/QQQ | ND | 0.1 | ppm | KM | May 21, 2016 |
| Cypermethrin | LC/QQQ | ND | 0.1 | ppm | KM | May 21, 2016 |
| Daminozide | LC/QQQ | ND | 0.1 | ppm | KM | May 21, 2016 |
| Dichlorvos | LC/QQQ | ND | 0.1 | ppm | KM | May 21, 2016 |
| Diazinon | LC/QQQ | ND | 0.1 | ppm | KM | May 21, 2016 |
| Dimethoate | LC/QQQ | ND | 0.1 | ppm | KM | May 21, 2016 |
| Ethoprophos | LC/QQQ | ND | 0.1 | ppm | KM | May 21, 2016 |
| Etofenprox | LC/QQQ | ND | 0.1 | ppm | KM | May 21, 2016 |
| Etoxazole | LC/QQQ | ND | 0.1 | ppm | KM | May 21, 2016 |
| Fenoxycarb | LC/QQQ | ND | 0.1 | ppm | KM | May 21, 2016 |
| Fenpyroximate | LC/QQQ | ND | 0.1 | ppm | KM | May 21, 2016 |
| Fipronil | LC/QQQ | ND | 0.1 | ppm | KM | May 21, 2016 |
| Flonicamid | LC/QQQ | ND | 0.1 | ppm | KM | May 21, 2016 |
| Fludioxonil | LC/QQQ | ND | 0.1 | ppm | KM | May 21, 2016 |
| Hexythiazox | LC/QQQ | ND | 0.1 | ppm | KM | May 21, 2016 |
| Imazalil | LC/QQQ | ND | 0.1 | ppm | KM | May 21, 2016 |
| Imidacloprid | LC/QQQ | ND | 0.1 | ppm | KM | May 21, 2016 |
| Kresoxim-methyl | LC/QQQ | ND | 0.1 | ppm | KM | May 21, 2016 |
| Malathion | LC/QQQ | ND | 0.1 | ppm | KM | May 21, 2016 |
| Metalaxyl | LC/QQQ | ND | 0.1 | ppm | KM | May 21, 2016 |
| Methiocarb | LC/QQQ | ND | 0.1 | ppm | KM | May 21, 2016 |
| Methomyl | LC/QQQ | ND | 0.1 | ppm | KM | May 21, 2016 |
| Methyl parathion | LC/QQQ | ND | 0.1 | ppm | KM | May 21, 2016 |
| MGK-264 | LC/QQQ | ND | 0.1 | ppm | KM | May 21, 2016 |
| Myclobutanil (Systhane) | LC/QQQ | ND | 0.1 | ppm | KM | May 21, 2016 |
| Naled | LC/QQQ | ND | 0.1 | ppm | KM | May 21, 2016 |
| Oxamyl | LC/QQQ | ND | 0.1 | ppm | KM | May 21, 2016 |
| Paclobutrazol | LC/QQQ | ND | 0.1 | ppm | KM | May 21, 2016 |

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Comments:

| | | | | | | |
|--------------------|--------|----|-----|-----|----|--------------|
| cis-Permethrin | LC/QQQ | ND | 0.1 | ppm | KM | May 21, 2016 |
| trans-Permethrin | LC/QQQ | ND | 0.1 | ppm | KM | May 21, 2016 |
| Phosmet | LC/QQQ | ND | 0.1 | ppm | KM | May 21, 2016 |
| Piperonyl butoxide | LC/QQQ | ND | 0.1 | ppm | KM | May 21, 2016 |
| Prallethrin | LC/QQQ | ND | 0.1 | ppm | KM | May 21, 2016 |
| Propiconazole | LC/QQQ | ND | 0.1 | ppm | KM | May 21, 2016 |
| Propoxur | LC/QQQ | ND | 0.1 | ppm | KM | May 21, 2016 |
| Pyrethrin | LC/QQQ | ND | 0.1 | ppm | KM | May 21, 2016 |
| Pyridaben | LC/QQQ | ND | 0.1 | ppm | KM | May 21, 2016 |
| Spinosad | LC/QQQ | ND | 0.1 | ppm | KM | May 21, 2016 |
| Spiromesifen | LC/QQQ | ND | 0.1 | ppm | KM | May 21, 2016 |
| Spirotetramat | LC/QQQ | ND | 0.1 | ppm | KM | May 21, 2016 |
| Spiroxamine | LC/QQQ | ND | 0.1 | ppm | KM | May 21, 2016 |
| Tebuconazole | LC/QQQ | ND | 0.1 | ppm | KM | May 21, 2016 |
| Thiacloprid | LC/QQQ | ND | 0.1 | ppm | KM | May 21, 2016 |
| Thiamethoxam | LC/QQQ | ND | 0.1 | ppm | KM | May 21, 2016 |
| Trifloxystrobin | LC/QQQ | ND | 0.1 | ppm | KM | May 21, 2016 |

Residual Solvent

| | | | | | | |
|--------------------|-----------------|---------|----|-----|----|--------------|
| Methyl Alcohol | GC/MS Headspace | ND | 80 | ppm | KM | May 21, 2016 |
| Ethanol | GC/MS Headspace | ND | 80 | ppm | KM | May 21, 2016 |
| Acetone | GC/MS Headspace | ND | 80 | ppm | KM | May 21, 2016 |
| Isopropyl Alcohol | GC/MS Headspace | ND | 80 | ppm | KM | May 21, 2016 |
| Methylene Chloride | GC/MS Headspace | ND | 80 | ppm | KM | May 21, 2016 |
| n-Hexane | GC/MS Headspace | ND | 80 | ppm | KM | May 21, 2016 |
| Tetrahydrofuran | GC/MS Headspace | ND | 80 | ppm | KM | May 21, 2016 |
| Benzene | GC/MS Headspace | ND | 80 | ppm | KM | May 21, 2016 |
| Heptane | GC/MS Headspace | ND | 80 | ppm | KM | May 21, 2016 |
| Toluene | GC/MS Headspace | ND | 80 | ppm | KM | May 21, 2016 |
| Ethane | GC/MS Headspace | ND | 80 | ppm | KM | May 21, 2016 |
| Propane | GC/MS Headspace | ND | 80 | ppm | KM | May 21, 2016 |
| Isobutane | GC/MS Headspace | ND | 80 | ppm | KM | May 21, 2016 |
| * Butane | GC/MS Headspace | 155.705 | 80 | ppm | KM | May 21, 2016 |
| Isopentane | GC/MS Headspace | ND | 80 | ppm | KM | May 21, 2016 |
| Pentane | GC/MS Headspace | ND | 80 | ppm | KM | May 21, 2016 |

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Comments:

Terpene

| | | | | | | |
|--------------------|----------|-----------|----|-----|----|--------------|
| * alpha-Pinene | GC/MS/HS | 7294.652 | 50 | ppm | KM | May 21, 2016 |
| * Camphene | GC/MS/HS | 1905.425 | 50 | ppm | KM | May 21, 2016 |
| * Myrcene | GC/MS/HS | 16384.468 | 50 | ppm | KM | May 21, 2016 |
| * Beta-Pinene | GC/MS/HS | 10522.626 | 50 | ppm | KM | May 21, 2016 |
| 3-Carene | GC/MS/HS | 79.111 | 50 | ppm | KM | May 21, 2016 |
| Alpha-Terpinene | GC/MS/HS | ND | 50 | ppm | KM | May 21, 2016 |
| * Limonene | GC/MS/HS | 19632.343 | 50 | ppm | KM | May 21, 2016 |
| Ocimene | GC/MS/HS | 7133.399 | 50 | ppm | KM | May 21, 2016 |
| Gamma-Terpinene | GC/MS/HS | 226.275 | 50 | ppm | KM | May 21, 2016 |
| Terpinolene | GC/MS/HS | 709.203 | 50 | ppm | KM | May 21, 2016 |
| * Linalool | GC/MS/HS | 4555.908 | 50 | ppm | KM | May 21, 2016 |
| Isopulegol | GC/MS/HS | ND | 50 | ppm | KM | May 21, 2016 |
| Geraniol | GC/MS/HS | ND | 50 | ppm | KM | May 21, 2016 |
| Beta-Caryophyllene | GC/MS/HS | 6080.167 | 50 | ppm | KM | May 21, 2016 |
| * Humulene | GC/MS/HS | 1733.498 | 50 | ppm | KM | May 21, 2016 |
| Nerolidol | GC/MS/HS | ND | 50 | ppm | KM | May 21, 2016 |
| trans-Nerolidol | GC/MS/HS | 243.603 | 50 | ppm | KM | May 21, 2016 |
| Guaiol | GC/MS/HS | ND | 50 | ppm | KM | May 21, 2016 |
| Alpha-Bisabolol | GC/MS/HS | 178.095 | 50 | ppm | KM | May 21, 2016 |

Total THC Potency

| | | | | | | |
|------------------------------|---------|-------|-----|---|----|--------------|
| Total THC (THCa*0.877+D9THC) | HPLC/UV | 44.86 | 0.1 | % | KM | May 21, 2016 |
| Total CBD (CBDa*0.877+CBD) | HPLC/UV | 1.76 | 0.1 | % | KM | May 21, 2016 |
| CBD-A | HPLC/UV | 2.00 | 0.1 | % | KM | May 21, 2016 |
| THC-A | HPLC/UV | 42.74 | 0.1 | % | KM | May 21, 2016 |
| CBD | HPLC/UV | ND | 0.1 | % | KM | May 21, 2016 |
| CBG | HPLC/UV | 0.79 | 0.1 | % | KM | May 21, 2016 |
| CBN | HPLC/UV | 0.16 | 0.1 | % | KM | May 21, 2016 |
| d9-THC | HPLC/UV | 7.38 | 0.1 | % | KM | May 21, 2016 |
| d8-THC | HPLC/UV | 0.17 | 0.1 | % | KM | May 21, 2016 |
| CBC | HPLC/UV | 0.20 | 0.1 | % | KM | May 21, 2016 |

Approved by:



Bjorn Fritzsche, QA Manager

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