



## Certificate of Analysis

Report Date: Jun 28 2016 11:25AM

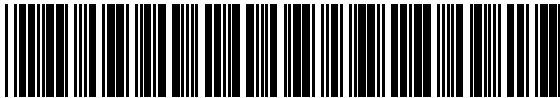
Expiration Date: 10/1/2016 14:43

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

**Sample Num:** PD160621-039

**Comments:**

**Sample Name:** Chem Sour B #319-060816-5  
**Sample Type:** Concentrate  
**Sample Num:** PD160621-039  
**Sample Date:** Jun 21 2016 2:44PM  
**Weight Received (g):** 1.5  
**Amount Paid:**  
**Received By:** TEM



PD160621-039

| Requested Tests              | Method       | Result | LOQ | Unit          | Analyzed By | Analyzed Date |
|------------------------------|--------------|--------|-----|---------------|-------------|---------------|
| <b>Cannabinoid Profile</b>   |              |        |     |               |             |               |
| Total THC (THCa*0.877+D9THC) | HPLC/UV      | 67.24  | 0.1 | %             | KM          | Jun 25, 2016  |
| Total CBD (CBDa*0.877+CBD)   | HPLC/UV      | 2.91   | 0.1 | %             | KM          | Jun 25, 2016  |
| CBD-A                        | HPLC/UV      | 2.86   | 0.1 | %             | KM          | Jun 25, 2016  |
| THC-A                        | HPLC/UV      | 67.35  | 0.1 | %             | KM          | Jun 25, 2016  |
| CBD                          | HPLC/UV      | 0.40   | 0.1 | %             | KM          | Jun 25, 2016  |
| CBG                          | HPLC/UV      | 0.50   | 0.1 | %             | KM          | Jun 25, 2016  |
| CBN                          | HPLC/UV      | 0.28   | 0.1 | %             | KM          | Jun 25, 2016  |
| d9-THC                       | HPLC/UV      | 8.17   | 0.1 | %             | KM          | Jun 25, 2016  |
| d8-THC                       | HPLC/UV      | ND     | 0.1 | %             | KM          | Jun 25, 2016  |
| CBC                          | HPLC/UV      | 0.46   | 0.1 | %             | KM          | Jun 25, 2016  |
| <b>Mold and Mildew</b>       |              |        |     |               |             |               |
| Total Mold                   | 3M Petrifilm | ND     | 100 | cfu's/g or mL | KM          | Jun 25, 2016  |
| Total Yeast                  | 3M Petrifilm | ND     | 100 | cfu's/g or mL | KM          | Jun 25, 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 SW 74th Ave, Tigard, OR, (503) 954-3992.

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**Comments:**

**Pesticide Analysis**

|                     |        |      |     |     |    |              |
|---------------------|--------|------|-----|-----|----|--------------|
| Pesticide Analysis  | LC/QQQ | Pass |     |     | KM | Jun 25, 2016 |
| Abamectin           | LC/QQQ | ND   | 0.1 | ppm | KM | Jun 25, 2016 |
| Acephate            | LC/QQQ | ND   | 0.1 | ppm | KM | Jun 25, 2016 |
| Acequinocyl         | LC/QQQ | ND   | 0.1 | ppm | KM | Jun 25, 2016 |
| Acetamiprid         | LC/QQQ | ND   | 0.1 | ppm | KM | Jun 25, 2016 |
| Aldicarb            | LC/QQQ | ND   | 0.1 | ppm | KM | Jun 25, 2016 |
| Azoxystrobin        | LC/QQQ | ND   | 0.1 | ppm | KM | Jun 25, 2016 |
| Bifenazate          | LC/QQQ | ND   | 0.1 | ppm | KM | Jun 25, 2016 |
| Bifenthrin          | LC/QQQ | ND   | 0.1 | ppm | KM | Jun 25, 2016 |
| Boscalid            | LC/QQQ | ND   | 0.1 | ppm | KM | Jun 25, 2016 |
| Carbaryl            | LC/QQQ | ND   | 0.1 | ppm | KM | Jun 25, 2016 |
| Carbofuran          | LC/QQQ | ND   | 0.1 | ppm | KM | Jun 25, 2016 |
| Chlorantraniliprole | LC/QQQ | ND   | 0.1 | ppm | KM | Jun 25, 2016 |
| Chlorfenapyr        | LC/QQQ | ND   | 0.1 | ppm | KM | Jun 25, 2016 |
| Chlorpyrifos        | LC/QQQ | ND   | 0.1 | ppm | KM | Jun 25, 2016 |
| Clofentezine        | LC/QQQ | ND   | 0.1 | ppm | KM | Jun 25, 2016 |
| Cyfluthrin          | LC/QQQ | ND   | 0.1 | ppm | KM | Jun 25, 2016 |
| Cypermethrin        | LC/QQQ | ND   | 0.1 | ppm | KM | Jun 25, 2016 |
| Daminozide          | LC/QQQ | ND   | 0.1 | ppm | KM | Jun 25, 2016 |
| Dichlorvos          | LC/QQQ | ND   | 0.1 | ppm | KM | Jun 25, 2016 |
| Diazinon            | LC/QQQ | ND   | 0.1 | ppm | KM | Jun 25, 2016 |
| Dimethoate          | LC/QQQ | ND   | 0.1 | ppm | KM | Jun 25, 2016 |
| Ethoprophos         | LC/QQQ | ND   | 0.1 | ppm | KM | Jun 25, 2016 |
| Etofenprox          | LC/QQQ | ND   | 0.1 | ppm | KM | Jun 25, 2016 |
| Etoxazole           | LC/QQQ | ND   | 0.1 | ppm | KM | Jun 25, 2016 |
| Fenoxycarb          | LC/QQQ | ND   | 0.1 | ppm | KM | Jun 25, 2016 |
| Fenpyroximate       | LC/QQQ | ND   | 0.1 | ppm | KM | Jun 25, 2016 |
| Fipronil            | LC/QQQ | ND   | 0.1 | ppm | KM | Jun 25, 2016 |
| Flonicamid          | LC/QQQ | ND   | 0.1 | ppm | KM | Jun 25, 2016 |
| Fludioxonil         | LC/QQQ | ND   | 0.1 | ppm | KM | Jun 25, 2016 |
| Hexythiazox         | LC/QQQ | ND   | 0.1 | ppm | KM | Jun 25, 2016 |
| Imazalil            | LC/QQQ | ND   | 0.1 | ppm | KM | Jun 25, 2016 |
| Imidacloprid        | LC/QQQ | ND   | 0.1 | ppm | KM | Jun 25, 2016 |
| Kresoxim-methyl     | LC/QQQ | ND   | 0.1 | ppm | KM | Jun 25, 2016 |

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**Comments:**

|                         |        |      |     |     |    |              |
|-------------------------|--------|------|-----|-----|----|--------------|
| Malathion               | LC/QQQ | ND   | 0.1 | ppm | KM | Jun 25, 2016 |
| Metalaxyl               | LC/QQQ | ND   | 0.1 | ppm | KM | Jun 25, 2016 |
| Methiocarb              | LC/QQQ | ND   | 0.1 | ppm | KM | Jun 25, 2016 |
| Methomyl                | LC/QQQ | ND   | 0.1 | ppm | KM | Jun 25, 2016 |
| Methyl parathion        | LC/QQQ | ND   | 0.1 | ppm | KM | Jun 25, 2016 |
| MGK-264                 | LC/QQQ | ND   | 0.1 | ppm | KM | Jun 25, 2016 |
| Myclobutanil (Systhane) | LC/QQQ | ND   | 0.1 | ppm | KM | Jun 25, 2016 |
| Naled                   | LC/QQQ | ND   | 0.1 | ppm | KM | Jun 25, 2016 |
| Oxamyl                  | LC/QQQ | ND   | 0.1 | ppm | KM | Jun 25, 2016 |
| Paclobutrazol           | LC/QQQ | ND   | 0.1 | ppm | KM | Jun 25, 2016 |
| cis-Permethrin          | LC/QQQ | ND   | 0.1 | ppm | KM | Jun 25, 2016 |
| trans-Permethrin        | LC/QQQ | ND   | 0.1 | ppm | KM | Jun 25, 2016 |
| Phosmet                 | LC/QQQ | ND   | 0.1 | ppm | KM | Jun 25, 2016 |
| Piperonyl butoxide      | LC/QQQ | 0.37 | 0.1 | ppm | KM | Jun 25, 2016 |
| Prallethrin             | LC/QQQ | ND   | 0.1 | ppm | KM | Jun 25, 2016 |
| Propiconazole           | LC/QQQ | ND   | 0.1 | ppm | KM | Jun 25, 2016 |
| Propoxur                | LC/QQQ | ND   | 0.1 | ppm | KM | Jun 25, 2016 |
| Pyrethrin               | LC/QQQ | ND   | 0.1 | ppm | KM | Jun 25, 2016 |
| Pyridaben               | LC/QQQ | ND   | 0.1 | ppm | KM | Jun 25, 2016 |
| Spinosad                | LC/QQQ | ND   | 0.1 | ppm | KM | Jun 25, 2016 |
| Spiromesifen            | LC/QQQ | ND   | 0.1 | ppm | KM | Jun 25, 2016 |
| Spirotetramat           | LC/QQQ | ND   | 0.1 | ppm | KM | Jun 25, 2016 |
| Spiroxamine             | LC/QQQ | ND   | 0.1 | ppm | KM | Jun 25, 2016 |
| Tebuconazole            | LC/QQQ | ND   | 0.1 | ppm | KM | Jun 25, 2016 |
| Thiacloprid             | LC/QQQ | ND   | 0.1 | ppm | KM | Jun 25, 2016 |
| Thiamethoxam            | LC/QQQ | ND   | 0.1 | ppm | KM | Jun 25, 2016 |
| Trifloxystrobin         | LC/QQQ | ND   | 0.1 | ppm | KM | Jun 25, 2016 |

**Residual Solvent**

|                    |                 |     |    |     |    |              |
|--------------------|-----------------|-----|----|-----|----|--------------|
| Methyl Alcohol     | GC/MS Headspace | ND  | 80 | ppm | KM | Jun 25, 2016 |
| Ethanol            | GC/MS Headspace | ND  | 80 | ppm | KM | Jun 25, 2016 |
| * Acetone          | GC/MS Headspace | 227 | 80 | ppm | KM | Jun 25, 2016 |
| Isopropyl Alcohol  | GC/MS Headspace | ND  | 80 | ppm | KM | Jun 25, 2016 |
| Methylene Chloride | GC/MS Headspace | ND  | 80 | ppm | KM | Jun 25, 2016 |
| n-Hexane           | GC/MS Headspace | ND  | 80 | ppm | KM | Jun 25, 2016 |
| Tetrahydrofuran    | GC/MS Headspace | ND  | 80 | ppm | KM | Jun 25, 2016 |

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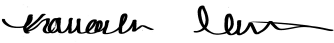
Sample Num: PD160621-039

Comments:

|                    |                 |      |    |     |    |              |
|--------------------|-----------------|------|----|-----|----|--------------|
| Benzene            | GC/MS Headspace | ND   | 80 | ppm | KM | Jun 25, 2016 |
| Heptane            | GC/MS Headspace | ND   | 80 | ppm | KM | Jun 25, 2016 |
| Toluene            | GC/MS Headspace | ND   | 80 | ppm | KM | Jun 25, 2016 |
| Ethane             | GC/MS Headspace | ND   | 80 | ppm | KM | Jun 25, 2016 |
| Propane            | GC/MS Headspace | ND   | 80 | ppm | KM | Jun 25, 2016 |
| Isobutane          | GC/MS Headspace | ND   | 80 | ppm | KM | Jun 25, 2016 |
| Butane             | GC/MS Headspace | ND   | 80 | ppm | KM | Jun 25, 2016 |
| Isopentane         | GC/MS Headspace | ND   | 80 | ppm | KM | Jun 25, 2016 |
| Pentane            | GC/MS Headspace | ND   | 80 | ppm | KM | Jun 25, 2016 |
| Terpene            |                 |      |    |     |    |              |
| * alpha-Pinene     | GC/MS/HS        | 1957 | 50 | ppm | KM | Jun 25, 2016 |
| * Camphene         | GC/MS/HS        | 268  | 50 | ppm | KM | Jun 25, 2016 |
| * Myrcene          | GC/MS/HS        | 2822 | 50 | ppm | KM | Jun 25, 2016 |
| * Beta-Pinene      | GC/MS/HS        | 1475 | 50 | ppm | KM | Jun 25, 2016 |
| 3-Carene           | GC/MS/HS        | ND   | 50 | ppm | KM | Jun 25, 2016 |
| Alpha-Terpinene    | GC/MS/HS        | ND   | 50 | ppm | KM | Jun 25, 2016 |
| * Limonene         | GC/MS/HS        | 2357 | 50 | ppm | KM | Jun 25, 2016 |
| Ocimene            | GC/MS/HS        | 591  | 50 | ppm | KM | Jun 25, 2016 |
| Gamma-Terpinene    | GC/MS/HS        | 54   | 50 | ppm | KM | Jun 25, 2016 |
| Terpinolene        | GC/MS/HS        | 371  | 50 | ppm | KM | Jun 25, 2016 |
| * Linalool         | GC/MS/HS        | 905  | 50 | ppm | KM | Jun 25, 2016 |
| Isopulegol         | GC/MS/HS        | ND   | 50 | ppm | KM | Jun 25, 2016 |
| Geraniol           | GC/MS/HS        | ND   | 50 | ppm | KM | Jun 25, 2016 |
| Beta-Caryophyllene | GC/MS/HS        | 4659 | 50 | ppm | KM | Jun 25, 2016 |
| * Humulene         | GC/MS/HS        | 1370 | 50 | ppm | KM | Jun 25, 2016 |
| Nerolidol          | GC/MS/HS        | ND   | 50 | ppm | KM | Jun 25, 2016 |
| trans-Nerolidol    | GC/MS/HS        | ND   | 50 | ppm | KM | Jun 25, 2016 |
| * Guaiol           | GC/MS/HS        | 216  | 50 | ppm | KM | Jun 25, 2016 |
| Alpha-Bisabolol    | GC/MS/HS        | 140  | 50 | ppm | KM | Jun 25, 2016 |

Approved by:

  
Bjorn Fritzsche, QA Manager

  
Kawai Medeiros, Lab Director

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