



## Certificate of Analysis

Report Date: Aug 29 2016 2:18PM

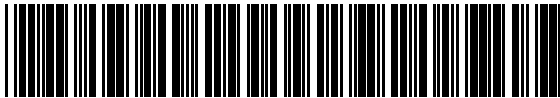
Expiration Date: Oct 1 2016 3:11PM

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

**Sample Num:** PD160824-027

**Comments:** (THC-A Terp Crystal) 124-082316-THC

**Sample Name:** Lemon Diesel  
**Sample Type:** Concentrate  
**Sample Num:** PD160824-027  
**Sample Date:** Aug 24 2016 3:13PM  
**Received (g):** 1.5  
**Received By:** TEM



PD160824-027

| Requested Tests              | Method       | Result | LOQ | Unit          | Analyzed By | Analyzed Date |
|------------------------------|--------------|--------|-----|---------------|-------------|---------------|
| <b>Cannabinoid Profile</b>   |              |        |     |               |             |               |
| Total THC (THCa*0.877+D9THC) | HPLC/UV      | 81.12  | 0.1 | %             | KM          | Aug 29, 2016  |
| Total CBD (CBDa*0.877+CBD)   | HPLC/UV      | 0.51   | 0.1 | %             | KM          | Aug 29, 2016  |
| CBD-A                        | HPLC/UV      | 0.49   | 0.1 | %             | KM          | Aug 29, 2016  |
| THC-A                        | HPLC/UV      | 86.76  | 0.1 | %             | KM          | Aug 29, 2016  |
| CBD                          | HPLC/UV      | ND     | 0.1 | %             | KM          | Aug 29, 2016  |
| CBG                          | HPLC/UV      | 0.27   | 0.1 | %             | KM          | Aug 29, 2016  |
| CBN                          | HPLC/UV      | 0.50   | 0.1 | %             | KM          | Aug 29, 2016  |
| d9-THC                       | HPLC/UV      | 5.03   | 0.1 | %             | KM          | Aug 29, 2016  |
| d8-THC                       | HPLC/UV      | ND     | 0.1 | %             | KM          | Aug 29, 2016  |
| CBC                          | HPLC/UV      | 0.13   | 0.1 | %             | KM          | Aug 29, 2016  |
| <b>Mold and Mildew</b>       |              |        |     |               |             |               |
| Total Mold                   | 3M Petrifilm | ND     | 100 | cfu's/g or mL | KM          | Aug 29, 2016  |
| Total Yeast                  | 3M Petrifilm | ND     | 100 | cfu's/g or mL | KM          | Aug 29, 2016  |

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

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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Pesticide Analysis LC

|                         |        |      |     |     |    |              |
|-------------------------|--------|------|-----|-----|----|--------------|
| Pesticide Analysis      | LC/QQQ | Pass |     |     | KM | Aug 29, 2016 |
| Abamectin               | LC/QQQ | ND   | 0.1 | ppm | KM | Aug 29, 2016 |
| Acetamiprid             | LC/QQQ | ND   | 0.1 | ppm | KM | Aug 29, 2016 |
| Azoxystrobin            | LC/QQQ | ND   | 0.1 | ppm | KM | Aug 29, 2016 |
| Bifenazate              | LC/QQQ | ND   | 0.1 | ppm | KM | Aug 29, 2016 |
| Boscalid                | LC/QQQ | ND   | 0.1 | ppm | KM | Aug 29, 2016 |
| Carbaryl                | LC/QQQ | ND   | 0.1 | ppm | KM | Aug 29, 2016 |
| Carbofuran              | LC/QQQ | ND   | 0.1 | ppm | KM | Aug 29, 2016 |
| Chlorantraniliprole     | LC/QQQ | ND   | 0.1 | ppm | KM | Aug 29, 2016 |
| Clofentezine            | LC/QQQ | ND   | 0.1 | ppm | KM | Aug 29, 2016 |
| Cyfluthrin              | LC/QQQ | ND   | 0.1 | ppm | KM | Aug 29, 2016 |
| Daminozide              | LC/QQQ | ND   | 0.1 | ppm | KM | Aug 29, 2016 |
| Dichlorvos              | LC/QQQ | ND   | 0.1 | ppm | KM | Aug 29, 2016 |
| Diazinon                | LC/QQQ | ND   | 0.1 | ppm | KM | Aug 29, 2016 |
| Dimethoate              | LC/QQQ | ND   | 0.1 | ppm | KM | Aug 29, 2016 |
| Etoxazole               | LC/QQQ | ND   | 0.1 | ppm | KM | Aug 29, 2016 |
| Fenoxycarb              | LC/QQQ | ND   | 0.1 | ppm | KM | Aug 29, 2016 |
| Fenpyroximate           | LC/QQQ | ND   | 0.1 | ppm | KM | Aug 29, 2016 |
| Flonicamid              | LC/QQQ | ND   | 0.1 | ppm | KM | Aug 29, 2016 |
| Hexythiazox             | LC/QQQ | ND   | 0.1 | ppm | KM | Aug 29, 2016 |
| Imazalil                | LC/QQQ | ND   | 0.1 | ppm | KM | Aug 29, 2016 |
| Imidacloprid            | LC/QQQ | ND   | 0.1 | ppm | KM | Aug 29, 2016 |
| Kresoxim-methyl         | LC/QQQ | ND   | 0.1 | ppm | KM | Aug 29, 2016 |
| Malathion               | LC/QQQ | ND   | 0.1 | ppm | KM | Aug 29, 2016 |
| Metalaxyl               | LC/QQQ | ND   | 0.1 | ppm | KM | Aug 29, 2016 |
| Methiocarb              | LC/QQQ | ND   | 0.1 | ppm | KM | Aug 29, 2016 |
| Methomyl                | LC/QQQ | ND   | 0.1 | ppm | KM | Aug 29, 2016 |
| Myclobutanil (Systhane) | LC/QQQ | ND   | 0.1 | ppm | KM | Aug 29, 2016 |
| Naled                   | LC/QQQ | ND   | 0.1 | ppm | KM | Aug 29, 2016 |
| Oxamyl                  | LC/QQQ | ND   | 0.1 | ppm | KM | Aug 29, 2016 |
| Paclbutrazol            | LC/QQQ | ND   | 0.1 | ppm | KM | Aug 29, 2016 |
| Phosmet                 | LC/QQQ | ND   | 0.1 | ppm | KM | Aug 29, 2016 |
| Piperonyl butoxide      | LC/QQQ | ND   | 0.1 | ppm | KM | Aug 29, 2016 |
| Prallethrin             | LC/QQQ | ND   | 0.1 | ppm | KM | Aug 29, 2016 |

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|                         |                 |     |     |     |    |              |
|-------------------------|-----------------|-----|-----|-----|----|--------------|
| Propiconazole           | LC/QQQ          | ND  | 0.1 | ppm | KM | Aug 29, 2016 |
| Propoxur                | LC/QQQ          | ND  | 0.1 | ppm | KM | Aug 29, 2016 |
| Pyridaben               | LC/QQQ          | ND  | 0.1 | ppm | KM | Aug 29, 2016 |
| Spinosad                | LC/QQQ          | ND  | 0.1 | ppm | KM | Aug 29, 2016 |
| Spirotetramat           | LC/QQQ          | ND  | 0.1 | ppm | KM | Aug 29, 2016 |
| Spiroxamine             | LC/QQQ          | ND  | 0.1 | ppm | KM | Aug 29, 2016 |
| Tebuconazole            | LC/QQQ          | ND  | 0.1 | ppm | KM | Aug 29, 2016 |
| Thiacloprid             | LC/QQQ          | ND  | 0.1 | ppm | KM | Aug 29, 2016 |
| Thiamethoxam            | LC/QQQ          | ND  | 0.1 | ppm | KM | Aug 29, 2016 |
| Trifloxystrobin         | LC/QQQ          | ND  | 0.1 | ppm | KM | Aug 29, 2016 |
| <b>Residual Solvent</b> |                 |     |     |     |    |              |
| Methyl Alcohol          | GC/MS Headspace | ND  | 80  | ppm | KM | Aug 29, 2016 |
| Ethanol                 | GC/MS Headspace | ND  | 80  | ppm | KM | Aug 29, 2016 |
| Acetone                 | GC/MS Headspace | ND  | 80  | ppm | KM | Aug 29, 2016 |
| Isopropyl Alcohol       | GC/MS Headspace | ND  | 80  | ppm | KM | Aug 29, 2016 |
| Methylene Chloride      | GC/MS Headspace | ND  | 80  | ppm | KM | Aug 29, 2016 |
| n-Hexane                | GC/MS Headspace | ND  | 80  | ppm | KM | Aug 29, 2016 |
| Tetrahydrofuran         | GC/MS Headspace | ND  | 80  | ppm | KM | Aug 29, 2016 |
| Benzene                 | GC/MS Headspace | ND  | 80  | ppm | KM | Aug 29, 2016 |
| Heptane                 | GC/MS Headspace | ND  | 80  | ppm | KM | Aug 29, 2016 |
| Toluene                 | GC/MS Headspace | ND  | 80  | ppm | KM | Aug 29, 2016 |
| Ethane                  | GC/MS Headspace | ND  | 80  | ppm | KM | Aug 29, 2016 |
| Propane                 | GC/MS Headspace | ND  | 80  | ppm | KM | Aug 29, 2016 |
| Isobutane               | GC/MS Headspace | ND  | 80  | ppm | KM | Aug 29, 2016 |
| Butane                  | GC/MS Headspace | ND  | 80  | ppm | KM | Aug 29, 2016 |
| Isopentane              | GC/MS Headspace | ND  | 80  | ppm | KM | Aug 29, 2016 |
| Pentane                 | GC/MS Headspace | ND  | 80  | ppm | KM | Aug 29, 2016 |
| <b>Terpene</b>          |                 |     |     |     |    |              |
| * alpha-Pinene          | GC/MS/HS        | 189 | 50  | ppm | PS | Aug 26, 2016 |
| Camphene                | GC/MS/HS        | ND  | 50  | ppm | PS | Aug 26, 2016 |
| * Myrcene               | GC/MS/HS        | 430 | 50  | ppm | PS | Aug 26, 2016 |
| * Beta-Pinene           | GC/MS/HS        | 131 | 50  | ppm | PS | Aug 26, 2016 |
| 3-Carene                | GC/MS/HS        | ND  | 50  | ppm | PS | Aug 26, 2016 |
| Alpha-Terpinene         | GC/MS/HS        | ND  | 50  | ppm | PS | Aug 26, 2016 |
| * Limonene              | GC/MS/HS        | 112 | 50  | ppm | PS | Aug 26, 2016 |

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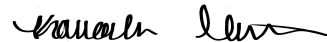
**Comments:** (THC-A Terp Crystal) 124-082316-THC

|                    |          |      |    |     |    |              |
|--------------------|----------|------|----|-----|----|--------------|
| Ocimene            | GC/MS/HS | 146  | 50 | ppm | PS | Aug 26, 2016 |
| Gamma-Terpinene    | GC/MS/HS | ND   | 50 | ppm | PS | Aug 26, 2016 |
| Terpinolene        | GC/MS/HS | 120  | 50 | ppm | PS | Aug 26, 2016 |
| * Linalool         | GC/MS/HS | 443  | 50 | ppm | PS | Aug 26, 2016 |
| Isopulegol         | GC/MS/HS | ND   | 50 | ppm | PS | Aug 26, 2016 |
| Geraniol           | GC/MS/HS | ND   | 50 | ppm | PS | Aug 26, 2016 |
| Beta-Caryophyllene | GC/MS/HS | 1427 | 50 | ppm | PS | Aug 26, 2016 |
| * Humulene         | GC/MS/HS | 366  | 50 | ppm | PS | Aug 26, 2016 |
| Nerolidol          | GC/MS/HS | ND   | 50 | ppm | PS | Aug 26, 2016 |
| trans-Nerolidol    | GC/MS/HS | ND   | 50 | ppm | PS | Aug 26, 2016 |
| * Guaiol           | GC/MS/HS | 101  | 50 | ppm | PS | Aug 26, 2016 |
| Alpha-Bisabolol    | GC/MS/HS | 167  | 50 | ppm | PS | Aug 26, 2016 |

Approved by:



Bjorn Fritzsche, QA Manager



Kawai Medeiros, Lab Director

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