

Certificate of Analysis

Report Date: Jun 28 2016 11:25AM Expiration Date: 10/1/2016 14:43

Customer: OM Extracts Sample Num: PD160621-040

175 Lomas Rd, Jacksonville, OR 97530

Comments:

Sample Name: Pineapple Craze B #-060716-1

Sample Type: Concentrate
Sample Num: PD160621-040

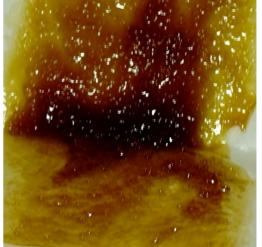
Sample Date: Jun 21 2016 2:44PM

Weight Received (g): 1.5

Amount Paid:

Received By: TEM





| Method | Result | LOQ | Unit | Analyzed By | Analyzed Date |
|--------------|---|---|--|---|--|
| | | | | | |
| HPLC/UV | 59.32 | 0.1 | % | KM | Jun 25, 2016 |
| HPLC/UV | 5.50 | 0.1 | % | KM | Jun 25, 2016 |
| HPLC/UV | 5.79 | 0.1 | % | KM | Jun 25, 2016 |
| HPLC/UV | 54.39 | 0.1 | % | KM | Jun 25, 2016 |
| HPLC/UV | 0.43 | 0.1 | % | KM | Jun 25, 2016 |
| HPLC/UV | 0.45 | 0.1 | % | KM | Jun 25, 2016 |
| HPLC/UV | 0.53 | 0.1 | % | KM | Jun 25, 2016 |
| HPLC/UV | 11.62 | 0.1 | % | KM | Jun 25, 2016 |
| HPLC/UV | ND | 0.1 | % | KM | Jun 25, 2016 |
| HPLC/UV | 0.63 | 0.1 | % | KM | Jun 25, 2016 |
| | | | | | |
| 3M Petrifilm | ND | 100 | cfu's/g or mL | KM | Jun 25, 2016 |
| 3M Petrifilm | ND | 100 | cfu's/g or mL | KM | Jun 25, 2016 |
| | HPLC/UV | HPLC/UV 59.32 HPLC/UV 5.50 HPLC/UV 5.79 HPLC/UV 54.39 HPLC/UV 0.43 HPLC/UV 0.45 HPLC/UV 11.62 HPLC/UV ND HPLC/UV ND HPLC/UV 0.63 3M Petrifilm ND | HPLC/UV 59.32 0.1 HPLC/UV 5.50 0.1 HPLC/UV 5.79 0.1 HPLC/UV 54.39 0.1 HPLC/UV 0.43 0.1 HPLC/UV 0.45 0.1 HPLC/UV 0.53 0.1 HPLC/UV 11.62 0.1 HPLC/UV ND 0.1 HPLC/UV 0.63 0.1 3M Petrifilm ND 100 | HPLC/UV 59.32 0.1 % HPLC/UV 5.50 0.1 % HPLC/UV 5.79 0.1 % HPLC/UV 54.39 0.1 % HPLC/UV 0.43 0.1 % HPLC/UV 0.45 0.1 % HPLC/UV 0.53 0.1 % HPLC/UV 11.62 0.1 % HPLC/UV ND 0.1 % HPLC/UV 0.63 0.1 % HPLC/UV 0.63 0.1 % 3M Petrifilm ND 100 cfu's/g or mL 3M Petrifilm ND 100 cfu's/g | Method Result LOQ Unit By HPLC/UV 59.32 0.1 % KM HPLC/UV 5.50 0.1 % KM HPLC/UV 5.79 0.1 % KM HPLC/UV 54.39 0.1 % KM HPLC/UV 0.43 0.1 % KM HPLC/UV 0.45 0.1 % KM HPLC/UV 11.62 0.1 % KM HPLC/UV ND 0.1 % KM HPLC/UV 0.63 0.1 % KM 3M Petrifilm ND 100 cfu's/g or mL XM 3M Petrifilm ND 100 cfu's/g KM |

*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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Customer: OM Extracts Sample Num: PD160621-040

175 Lomas Rd, Jacksonville, OR 97530

Comments:

| Pesticide | Ana | lysis |
|-----------|-----|----------|
| | | <i>J</i> |

| est | ticide 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 | 0.14 | 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 | 0.29 | 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 |
| Res | idual 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 | 217 | 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 |
| | | | | | | | |

^{*}ND - Measured value below LOQ

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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 |
| Terp | pene | | | | | | |
| * | alpha-Pinene | GC/MS/HS | 1867 | 50 | ppm | KM | Jun 25, 2016 |
| * | Camphene | GC/MS/HS | 285 | 50 | ppm | KM | Jun 25, 2016 |
| * | Myrcene | GC/MS/HS | 2662 | 50 | ppm | KM | Jun 25, 2016 |
| * | Beta-Pinene | GC/MS/HS | 1351 | 50 | ppm | KM | Jun 25, 2016 |
| | 3-Carene | GC/MS/HS | ND | 50 | ppm | KM | Jun 25, 2016 |
| | Alpha-Terpinene | GC/MS/HS | 138 | 50 | ppm | KM | Jun 25, 2016 |
| * | Limonene | GC/MS/HS | 2305 | 50 | ppm | KM | Jun 25, 2016 |
| | Ocimene | GC/MS/HS | 642 | 50 | ppm | KM | Jun 25, 2016 |
| | Gamma-Terpinene | GC/MS/HS | 171 | 50 | ppm | KM | Jun 25, 2016 |
| | Terpinolene | GC/MS/HS | 392 | 50 | ppm | KM | Jun 25, 2016 |
| * | Linalool | GC/MS/HS | 1126 | 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 | 3944 | 50 | ppm | KM | Jun 25, 2016 |
| * | Humulene | GC/MS/HS | 1105 | 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 | 144 | 50 | ppm | KM | Jun 25, 2016 |
| | Alpha-Bisabolol | GC/MS/HS | ND | 50 | ppm | KM | Jun 25, 2016 |
| | | | | | | | |

Approved by:

Bjorn Fritzsche, QA Manager

Vanade lin

Kawai Medeiros, Lab Director