LIGHTSCALE LABS

2535 N Ross Ave
Portland, OR 97227
(503) 493-2535

info@lightscale.com
ORELAP #4112
OLCC #010-1003340D344

# 474 - Granny Marge RCO 7.23.20

**Farmer's Friend Extracts**
6451 NE Colwood Wy
Portland, OR 97218
503-442-8653

**Sample Type:** Extracts
**Sample Date:** 7/27/2020
**Analysis Date:** 7/29/2020
**Report Date:** 8/3/2020

**Metrc Batch ID:**
1A4010300016315000029544
**Metrc Sample ID:**
1A4010300016315000029623

**Harvest/Process Date:** 7/23/2020
**Report ID:** LS-200803-43
**Sample Plan ID:**SP-200727-8-B
**Sample Procedure:** 160721_LAB-SOP_SampleCollection-v008

## Potency

**Potency Analysis Date:** 7/31/2020
**Potency Batch ID:** CAN_073120B
**Potency Method:** JAOAC 2015.1

**85.4%** Total THC

**<LOQ** Total CBD

**Samples:** HDN-SCB-BTD, CMH-WWR-BJR

| Analyte | Description | LOQ | RPD | Min. | Max. | Avg. | Unit: % |
|---|---|---|---|---|---|---|---|
| Δ9THC | Delta-9 Tetrahydrocannabinol | 0.16 | 0.0965 | 85.3 | 85.4 | 85.4 | |
| THCA | Tetrahydrocannabinolic acid | 0.16 | 0.00 | ND | ND | ND | |
| CBD | Cannabidiol | 0.16 | 0.00 | ND | <LOQ | <LOQ | |
| CBDA | Cannabidiolic acid | 0.16 | 0.00 | ND | <LOQ | <LOQ | |
| Δ8THC | Delta-8 Tetrahydrocannabinol* | 0.16 | 0.00 | ND | ND | ND | |
| THCV | Tetrahydrocannabivarin* | 0.16 | 18.6 | 0.693 | 0.836 | 0.765 | |
| CBG | Cannabigerol* | 0.16 | 11.8 | 0.991 | 1.12 | 1.05 | |
| CBGA | Cannabigerolic acid* | 0.16 | 0.00 | ND | <LOQ | <LOQ | |
| CBC | Cannabichromene* | 0.16 | 0.575 | 2.39 | 2.41 | 2.40 | |
| CBCA | Cannabichromenic acid* | 0.16 | 0.00 | ND | ND | ND | |
| CBN | Cannabinol | 0.16 | 50.4 | 0.226 | 0.379 | 0.303 | |
| Total THC | Δ9THC + (THCA × 0.877) | | 0.0965 | 85.3 | 85.4 | 85.4 | |
| Total CBD | CBD + (CBDA × 0.877) | | 0.00 | ND | <LOQ | <LOQ | |
| **Total** | | | 0.0504 | 89.6 | 90.1 | 89.9 | |

## Compliance

| | | | |
|---|---|---|---|
| **Pesticides** | Within limits | Analysis Date: 7/31/2020 | Pass |
| **Solvents** | Within limits | Analysis Date: 7/31/2020 | Pass |
| **Potency** | Within limits | Analysis Date: 7/31/2020 | Pass |

**Bryce Kidd, Ph.D.**
Lab Director

**Aaron Troyer**
Chief Science Officer

LS-200803-43

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**Sample Date:** 7/27/2020
**Analysis Date:** 7/29/2020
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**Metrc Batch ID:**
1A4010300016315000029544
**Metrc Sample ID:**
1A4010300016315000029623

**Harvest/Process Date:** 7/23/2020
**Report ID:** LS-200803-43
**Sample Plan ID:**SP-200727-8-B
**Sample Procedure:** 160721_LAB-SOP_SampleCollection-v008

## Terpenes* Sample Data

**Terpene Analysis Date:** 7/29/2020
**Terpene Batch ID:** TRP_072920A

**Method:** JAOAC 2015.1
**Unit:** %

| Analyte | Avg. | Notes |
|---|---|---|
| β-Caryophyllene | 0.514% | |
| Humulene | 0.180% | |
| Terpinolene | 0.139% | |
| α-Terpineol | 0.111% | |
| Guaiol | 0.105% | |
| Fenchol | 0.0852% | |
| Linalool | 0.0828% | |
| Limonene | 0.0657% | |
| β-Farnesene 2 | 0.0521% | |
| Caryophyllene Oxide | 0.0398% | |
| α-Bisabolol | 0.0384% | |
| β-Ocimene | 0.0345% | |
| β-Myrcene | 0.0301% | |
| β-Pinene | 0.0149% | |
| Selinadiene | 0.0137% | |
| Sabinene | 0.0132% | |
| α-Terpinene | 0.0125% | |
| Eucalyptol | 0.0122% | |
| Cymene | 0.0116% | |
| Borneol | 0.0115% | |
| γ-Terpinene | 0.00951% | |
| Δ3-Carene | 0.00818% | |
| Geraniol | 0.00673% | |
| α-Pinene | 0.00664% | |
| Fenchone | 0.00349% | |
| Camphene | 0.00135% | |
| Azulene | ND | |
| Camphore | ND | |
| Cedrol | ND | |

| Analyte | Avg. | Notes |
|---|---|---|
| Geranyl Acetate | ND | |
| Isoborneol | ND | |
| Isopulegol | ND | |
| Nerol | ND | |
| Pulegone | ND | |
| Sabinene Hydrate | ND | |
| Valencene | ND | |
| cis-Nerolidol | ND | |
| trans-Nerolidol | ND | |
| α-Cedrene | ND | |
| α-Ocimene | ND | |
| α-Phellandrene | ND | |
| β-Farnesene 1 | ND | |
| γ-Terpineol | ND | |
| Total | 1.60% | |

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**Report ID:** LS-200803-43
**Sample Plan ID:**SP-200727-8-B
**Sample Procedure:** 160721_LAB-SOP_SampleCollection-v008

## Pesticides
### Sample Data

**Pesticides Analysis Date:** 7/31/2020
**Pesticides Batch ID:** PST_073120B

**Method:** EN 15662
**Unit:** µg/g (ppm)

Pass

| Analyte | HDN-SCB-BTD | CMH-WWR-BJR | Limits | LOQ | Notes | Status |
|---|---|---|---|---|---|---|
| Abamectin | ND | ND | 0.5 | 0.1 | | Pass |
| Acephate | ND | ND | 0.4 | 0.1 | | Pass |
| Acequinocyl | ND | ND | 2.0 | 1.5 | | Pass |
| Acetamiprid | ND | ND | 0.2 | 0.1 | | Pass |
| Aldicarb | ND | ND | 0.4 | 0.1 | | Pass |
| Azoxystrobin | ND | ND | 0.2 | 0.1 | | Pass |
| Bifenazate | ND | ND | 0.2 | 0.1 | | Pass |
| Bifenthrin | ND | ND | 0.2 | 0.1 | | Pass |
| Boscalid | ND | ND | 0.4 | 0.1 | | Pass |
| Carbaryl | ND | ND | 0.2 | 0.1 | | Pass |
| Carbofuran | ND | ND | 0.2 | 0.1 | | Pass |
| Chlorantraniliprole | ND | ND | 0.2 | 0.1 | | Pass |
| Chlorfenapyr | ND | ND | 1.0 | 0.1 | | Pass |
| Chlorpyrifos | ND | ND | 0.2 | 0.1 | | Pass |
| Clofentezine | ND | ND | 0.2 | 0.1 | | Pass |
| Cyfluthrin | ND | ND | 1.0 | 0.5 | | Pass |
| Cypermethrin | ND | ND | 1.0 | 0.1 | | Pass |
| Daminozide | ND | ND | 1.0 | 0.5 | | Pass |
| Diazinon | ND | ND | 0.2 | 0.1 | | Pass |
| Dichlorvos (DDVP) | ND | ND | 1.0 | 0.5 | | Pass |
| Dimethoate | ND | ND | 0.2 | 0.1 | | Pass |
| Ethoprophos | ND | ND | 0.2 | 0.1 | | Pass |
| Etofenprox | ND | ND | 0.4 | 0.1 | | Pass |
| Etoxazole | ND | ND | 0.2 | 0.1 | | Pass |
| Fenoxycarb | ND | ND | 0.2 | 0.1 | | Pass |
| Fenpyroximate | ND | ND | 0.4 | 0.1 | | Pass |
| Fipronil | ND | ND | 0.4 | 0.1 | | Pass |
| Flonicamid | ND | ND | 1.0 | 0.1 | | Pass |
| Fludioxonil | ND | ND | 0.4 | 0.1 | | Pass |
| Hexythiazox | ND | ND | 1.0 | 0.1 | | Pass |
| Imazalil | ND | ND | 0.2 | 0.1 | | Pass |
| Imidacloprid | ND | ND | 0.4 | 0.1 | | Pass |
| Kresoxim-methyl | ND | ND | 0.4 | 0.1 | | Pass |
| Malathion | ND | ND | 0.2 | 0.1 | | Pass |

| Analyte | HDN-SCB-BTD | CMH-WWR-BJR | Limits | LOQ | Notes | Status |
|---|---|---|---|---|---|---|
| Metalaxyl | ND | ND | 0.2 | 0.1 | | Pass |
| Methiocarb | ND | ND | 0.2 | 0.1 | | Pass |
| Methomyl | ND | ND | 0.4 | 0.1 | | Pass |
| Methyl Parathion | ND | ND | 0.2 | 0.2 | | Pass |
| MGK-264 | ND | ND | 0.2 | 0.2 | | Pass |
| Myclobutanil | ND | ND | 0.2 | 0.1 | | Pass |
| Naled | ND | ND | 0.5 | 0.2 | | Pass |
| Oxamyl | ND | ND | 1.0 | 0.1 | | Pass |
| Paclobutrazol | ND | ND | 0.4 | 0.1 | | Pass |
| Permethrins | ND | ND | 0.2 | 0.1 | | Pass |
| Phosmet | ND | ND | 0.2 | 0.1 | | Pass |
| Piperonyl Butoxide | ND | ND | 2.0 | 0.1 | | Pass |
| Prallethrin | ND | ND | 0.2 | 0.1 | | Pass |
| Propiconazole | ND | ND | 0.4 | 0.1 | | Pass |
| Propoxur | ND | ND | 0.2 | 0.1 | | Pass |
| Pyrethrins | ND | ND | 1.0 | 0.5 | | Pass |
| Pyridaben | ND | ND | 0.2 | 0.1 | | Pass |
| Spinosad | ND | ND | 0.2 | 0.1 | | Pass |
| Spiromesifen | ND | ND | 0.2 | 0.1 | | Pass |
| Spirotetramat | ND | ND | 0.2 | 0.1 | | Pass |
| Spiroxamine | ND | ND | 0.4 | 0.1 | | Pass |
| Tebuconazole | ND | ND | 0.4 | 0.1 | | Pass |
| Thiacloprid | ND | ND | 0.2 | 0.1 | | Pass |
| Thiamethoxam | ND | ND | 0.2 | 0.1 | | Pass |
| Trifloxystrobin | ND | ND | 0.2 | 0.1 | | Pass |

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**Metrc Sample ID:**
1A4010300016315000029623

**Harvest/Process Date:** 7/23/2020
**Report ID:** LS-200803-43
**Sample Plan ID:**SP-200727-8-B
**Sample Procedure:** 160721_LAB-SOP_SampleCollection-v008

## Pesticides
## Quality Control Data

**Pesticides QC Analysis Date:** 7/31/2020
**Pesticides QC Batch ID:** PST_073120B

**Method:** EN 15662
**Unit:** µg/g (ppm)

| Analyte | Blank | LOQ | LCS | LCS Spike | LCS Rec (%) | Limits (%) | Notes |
|---|---|---|---|---|---|---|---|
| Abamectin | ND | 0.1 | 1.25 | 1.00 | 125 | 50 - 150 | |
| Acephate | ND | 0.1 | 1.90 | 1.00 | ***190*** | 50 - 150 | HB |
| Acequinocyl | ND | 1.5 | 1.02 | 1.00 | 102 | 50 - 150 | |
| Acetamiprid | ND | 0.1 | 1.23 | 1.00 | 123 | 50 - 150 | |
| Aldicarb | ND | 0.1 | 0.792 | 1.00 | 79.2 | 50 - 150 | |
| Azoxystrobin | ND | 0.1 | 0.819 | 1.00 | 81.9 | 50 - 150 | |
| Bifenazate | ND | 0.1 | 1.29 | 1.00 | 129 | 50 - 150 | |
| Bifenthrin | ND | 0.1 | 0.839 | 1.00 | 83.9 | 50 - 150 | |
| Boscalid | ND | 0.1 | 1.10 | 1.00 | 110 | 50 - 150 | |
| Carbaryl | ND | 0.1 | 0.626 | 1.00 | 62.6 | 50 - 150 | |
| Carbofuran | ND | 0.1 | 1.01 | 1.00 | 101 | 50 - 150 | |
| Chlorantraniliprole | ND | 0.1 | 1.19 | 1.00 | 119 | 50 - 150 | |
| Chlorfenapyr | ND | 0.1 | 0.941 | 1.00 | 94.1 | 50 - 150 | |
| Chlorpyrifos | ND | 0.1 | 1.18 | 1.00 | 118 | 50 - 150 | |
| Clofentezine | ND | 0.1 | 0.409 | 1.00 | ***40.9*** | 50 - 150 | LR |
| Cyfluthrin | ND | 0.5 | 1.01 | 1.00 | 101 | 50 - 150 | |
| Cypermethrin | ND | 0.1 | 1.26 | 1.00 | 126 | 50 - 150 | |
| Daminozide | ND | 0.5 | 2.04 | 1.00 | ***204*** | 10 - 150 | HB |
| Diazinon | ND | 0.1 | 1.11 | 1.00 | 111 | 50 - 150 | |
| Dichlorvos (DDVP) | ND | 0.5 | 1.48 | 1.00 | 148 | 50 - 150 | |
| Dimethoate | ND | 0.1 | 1.42 | 1.00 | 142 | 50 - 150 | |
| Ethoprophos | ND | 0.1 | 0.595 | 1.00 | 59.5 | 50 - 150 | |
| Etofenprox | ND | 0.1 | 0.959 | 1.00 | 95.9 | 50 - 150 | |
| Etoxazole | ND | 0.1 | 1.17 | 1.00 | 117 | 50 - 150 | |
| Fenoxycarb | ND | 0.1 | 0.497 | 1.00 | ***49.7*** | 50 - 150 | ME |
| Fenpyroximate | ND | 0.1 | 0.185 | 1.00 | ***18.5*** | 50 - 150 | LR |
| Fipronil | ND | 0.1 | 0.979 | 1.00 | 97.9 | 50 - 150 | |
| Flonicamid | ND | 0.1 | 1.41 | 1.00 | 141 | 50 - 150 | |
| Fludioxonil | ND | 0.1 | 0.964 | 1.00 | 96.4 | 50 - 150 | |
| Hexythiazox | ND | 0.1 | 1.04 | 1.00 | 104 | 50 - 150 | |
| Imazalil | ND | 0.1 | 1.05 | 1.00 | 105 | 50 - 150 | |
| Imidacloprid | ND | 0.1 | 1.03 | 1.00 | 103 | 50 - 150 | |
| Kresoxim-methyl | ND | 0.1 | 1.11 | 1.00 | 111 | 50 - 150 | |
| Malathion | ND | 0.1 | 1.07 | 1.00 | 107 | 50 - 150 | |

| Analyte | Blank | LOQ | LCS | LCS Spike | LCS Rec (%) | Limits (%) | Notes |
|---|---|---|---|---|---|---|---|
| Metalaxyl | ND | 0.1 | 0.973 | 1.00 | 97.3 | 50 - 150 | |
| Methiocarb | ND | 0.1 | 0.516 | 1.00 | 51.6 | 50 - 150 | |
| Methomyl | ND | 0.1 | 1.08 | 1.00 | 108 | 50 - 150 | |
| Methyl Parathion | ND | 0.2 | 0.523 | 1.00 | 52.3 | 30 - 150 | |
| MGK-264 | ND | 0.2 | 0.448 | 0.600 | 74.7 | 50 - 150 | |
| Myclobutanil | ND | 0.1 | 0.997 | 1.00 | 99.7 | 50 - 150 | |
| Naled | ND | 0.2 | 1.44 | 1.00 | 144 | 50 - 150 | |
| Oxamyl | ND | 0.1 | 1.50 | 1.00 | 150 | 50 - 150 | |
| Paclobutrazol | ND | 0.1 | 0.956 | 1.00 | 95.6 | 50 - 150 | |
| Permethrins | ND | 0.1 | 0.210 | 1.00 | ***21.0*** | 50 - 150 | LR |
| Phosmet | ND | 0.1 | 1.15 | 1.00 | 115 | 50 - 150 | |
| Piperonyl Butoxide | ND | 0.1 | 0.206 | 1.00 | ***20.6*** | 50 - 150 | LR |
| Prallethrin | ND | 0.1 | 0.980 | 1.00 | 98.0 | 50 - 150 | |
| Propiconazole | ND | 0.1 | 1.12 | 1.00 | 112 | 50 - 150 | |
| Propoxur | ND | 0.1 | 0.832 | 1.00 | 83.2 | 50 - 150 | |
| Pyrethrins | ND | 0.5 | 0.386 | 1.00 | ***38.6*** | 50 - 150 | LR |
| Pyridaben | ND | 0.1 | 1.11 | 1.00 | 111 | 50 - 150 | |
| Spinosad | ND | 0.1 | 1.14 | 1.00 | 114 | 50 - 150 | |
| Spiromesifen | ND | 0.1 | 1.15 | 1.00 | 115 | 50 - 150 | |
| Spirotetramat | ND | 0.1 | 0.558 | 1.00 | 55.8 | 50 - 150 | |
| Spiroxamine | ND | 0.1 | 0.930 | 1.00 | 93.0 | 50 - 150 | |
| Tebuconazole | ND | 0.1 | 1.26 | 1.00 | 126 | 50 - 150 | |
| Thiacloprid | ND | 0.1 | 1.49 | 1.00 | 149 | 50 - 150 | |
| Thiamethoxam | ND | 0.1 | 1.56 | 1.00 | ***156*** | 50 - 150 | ME |
| Trifloxystrobin | ND | 0.1 | 1.03 | 1.00 | 103 | 50 - 150 | |

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1A4010300016315000029623

**Harvest/Process Date:** 7/23/2020
**Report ID:** LS-200803-43
**Sample Plan ID:**SP-200727-8-B
**Sample Procedure:** 160721_LAB-SOP_SampleCollection-v008

## Residual Solvents
### Sample Data

**Solvents Analysis Date:** 7/31/2020
**Solvents Batch ID:** RES_073120A

**Method:** EPA 5021A
**Unit:** µg/g (ppm)

Pass

| Analyte | HDN-SCB-BTD | CMH-WWR-BJR | RPD (%) | Limits | LOQ | Notes | Status |
|---|---|---|---|---|---|---|---|
| 1,4-Dioxane | ND | ND | 0.00 | 380.0 | 50.0 | | Pass |
| 2-Butanol | ND | ND | 0.00 | 5000.0 | 250.0 | | Pass |
| 2-Ethoxyethanol | ND | ND | 0.00 | 160.0 | 50.0 | | Pass |
| Acetone | ND | ND | 0.00 | 5000.0 | 250.0 | | Pass |
| Acetonitrile | ND | ND | 0.00 | 410.0 | 50.0 | | Pass |
| Benzene | ND | ND | 0.00 | 2.0 | 2.0 | | Pass |
| Butanes | ND | ND | 0.00 | 5000.0 | 250.0 | | Pass |
| Cumene | ND | ND | 0.00 | 70.0 | 50.0 | | Pass |
| Cyclohexane | ND | ND | 0.00 | 3880.0 | 50.0 | | Pass |
| Ethyl Acetate | ND | ND | 0.00 | 5000.0 | 250.0 | | Pass |
| Ethyl Ether | ND | ND | 0.00 | 5000.0 | 250.0 | | Pass |
| Ethylene Glycol | ND | ND | 0.00 | 620.0 | 250.0 | | Pass |
| Ethylene Oxide | ND | ND | 0.00 | 50.0 | 50.0 | | Pass |
| Heptane | ND | ND | 0.00 | 5000.0 | 250.0 | | Pass |
| Hexanes | ND | ND | 0.00 | 290.0 | 50.0 | | Pass |
| Isopropanol (2-Propanol) | ND | ND | 0.00 | 5000.0 | 50.0 | | Pass |
| Isopropyl Acetate | ND | ND | 0.00 | 5000.0 | 250.0 | | Pass |
| Methanol | ND | ND | 0.00 | 3000.0 | 250.0 | | Pass |
| Dichloromethane | ND | ND | 0.00 | 600.0 | 50.0 | | Pass |
| Pentanes | ND | ND | 0.00 | 5000.0 | 250.0 | | Pass |
| Propane | ND | ND | 0.00 | 5000.0 | 250.0 | | Pass |
| Tetrahydrofuran | ND | ND | 0.00 | 720.0 | 50.0 | | Pass |
| Toluene | ND | ND | 0.00 | 890.0 | 50.0 | | Pass |
| Xylenes | ND | ND | 0.00 | 2170.0 | 50.0 | | Pass |

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**Sample Procedure:** 160721_LAB-SOP_SampleCollection-v008

## Residual Solvents Quality Control Data

**Solvents QC Analysis Date:** 7/31/2020
**Solvents QC Batch ID:** RES_073120A

**Method:** EPA 5021A
**Unit:** µg/g (ppm)

| Analyte | Blank | LOQ | LCS | LCS Spike | LCS Rec (%) | Limits (%) | Notes |
|---|---|---|---|---|---|---|---|
| 1,4-Dioxane | ND | 50.0 | 1210 | 1000 | 121 | 70 - 130 | |
| 2-Butanol | ND | 250.0 | 1190 | 1000 | 119 | 70 - 130 | |
| 2-Ethoxyethanol | ND | 50.0 | 1120 | 1000 | 112 | 70 - 130 | |
| Acetone | ND | 250.0 | 1100 | 1000 | 110 | 70 - 130 | |
| Acetonitrile | ND | 50.0 | 1220 | 1000 | 122 | 70 - 130 | |
| Benzene | ND | 2.0 | 23.0 | 20.0 | 115 | 70 - 130 | |
| Butanes | ND | 250.0 | 1990 | 2000 | 99.7 | 70 - 130 | |
| Cumene | ND | 50.0 | 1130 | 1000 | 113 | 70 - 130 | |
| Cyclohexane | ND | 50.0 | 1080 | 1000 | 108 | 70 - 130 | |
| Ethyl Acetate | ND | 250.0 | 1150 | 1000 | 115 | 70 - 130 | |
| Ethyl Ether | ND | 250.0 | 1090 | 1000 | 109 | 70 - 130 | |
| Ethylene Glycol | ND | 250.0 | 874 | 1000 | 87.4 | 70 - 130 | |
| Ethylene Oxide | ND | 50.0 | 1080 | 1000 | 108 | 70 - 130 | |
| Heptane | ND | 250.0 | 1050 | 1000 | 105 | 70 - 130 | |
| Hexanes | ND | 50.0 | 5310 | 5000 | 106 | 70 - 130 | |
| Isopropanol (2-Propanol) | ND | 50.0 | 920 | 1000 | 92.0 | 70 - 130 | |
| Isopropyl Acetate | ND | 250.0 | 1170 | 1000 | 117 | 70 - 130 | |
| Methanol | ND | 250.0 | 1210 | 1000 | 121 | 70 - 130 | |
| Dichloromethane | ND | 50.0 | 1150 | 1000 | 115 | 70 - 130 | |
| Pentanes | ND | 250.0 | 3110 | 3000 | 104 | 70 - 130 | |
| Propane | ND | 250.0 | 948 | 1000 | 94.8 | 70 - 130 | |
| Tetrahydrofuran | ND | 50.0 | 1140 | 1000 | 114 | 70 - 130 | |
| Toluene | ND | 50.0 | 1130 | 1000 | 113 | 70 - 130 | |
| Xylenes | ND | 50.0 | 4590 | 4000 | 115 | 70 - 130 | |

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**Metrc Sample ID:**
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**Report ID:** LS-200803-43
**Sample Plan ID:**SP-200727-8-B
**Sample Procedure:** 160721_LAB-SOP_SampleCollection-v008

## Qualifier Flag Descriptions

| | |
|---|---|
| **J** | Reported result is an estimate - the value is less than the minimum calibration level but greater than the estimated detection limit (EDL) |
| **U** | The analyte was not detected in the sample at the estimated detection limit (EDL) |
| **E** | Exceeds calibration range |
| **D** | Dilution data - result was obtained from the analysis of a dilution |
| **B** | Analyte found in sample and associated blank |
| **C** | Co-eluting compound |
| **R** | Relative Percent Difference (RPD) outside control limits |
| **NR** | Analyte not reported because of problems in sample preparation or analysis |
| **ND** | Non-Detect |
| **X** | Results from reinjection/repeat/re-column data |
| **EMC** | Estimated maximum possible concentration - indicates that a peak is detected but did not meet the method required criteria |
| **M** | Manual integration |
| **PS** | Peaks split |
| **HB** | Control acceptance criteria are exceeded high and the associated sample is below the detection limit |
| **LB** | Control acceptance criteria are exceeded low and the associated sample exceeds the regulatory limit |
| **ME** | Marginal Exceedance |
| **LR** | Low Recovery Analyte |
| **LOQ** | Limit of Quantitation |