



## SAMPLE INDEPENDENT QUALITY CONTROL REPORT

Reference Number: **20-40299**

Report Date: 11/25/20

| Batch                    | Analyte    | Result | True Value | Units | Method | % Recovery | Limits* | QC Qualifier | QC Type | Comment |
|--------------------------|------------|--------|------------|-------|--------|------------|---------|--------------|---------|---------|
| <b>Calibration Check</b> |            |        |            |       |        |            |         |              |         |         |
| 6010_201118A             | 2 ARSENIC  | 0.994  | 1          | mg/L  | 6010D  | 99         | 90-110  |              | CAL     |         |
|                          | 2 CHROMIUM | 0.993  | 1          | mg/L  | 6010D  | 99         | 90-110  |              | CAL     |         |
|                          | 2 COPPER   | 0.983  | 1          | mg/L  | 6010D  | 98         | 90-110  |              | CAL     |         |

\*Notation:

% Recovery = (Result of Analysis)/(True Value) \* 100

NA = Indicates % Recovery could not be calculated.

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|-----------------------------------|------------------------------|--------|------------|-------|--------|------------|---------|--------------|---------|---------|
| <b>Laboratory Fortified Blank</b> |                              |        |            |       |        |            |         |              |         |         |
| 6010_201118A                      | 0 ARSENIC                    | 0.871  | 1          | mg/L  | 6010D  | 87         | 85-115  |              | LFB     |         |
|                                   | 0 CHROMIUM                   | 0.98   | 1          | mg/L  | 6010D  | 98         | 85-115  |              | LFB     |         |
|                                   | 0 COPPER                     | 0.964  | 1          | mg/L  | 6010D  | 96         | 85-115  |              | LFB     |         |
| 8270D_S201116                     | 0 2,3,4,6-TETRACHLOROPHENOL  | 0.63   | 1          | mg/Kg | 8270D  | 63         | 38-140  |              | LFB     |         |
|                                   | 0 2,4,5-TRICHLOROPHENOL      | 0.65   | 1          | mg/Kg | 8270D  | 65         | 25-125  |              | LFB     |         |
|                                   | 0 2,4,6-TRICHLOROPHENOL      | 0.60   | 1          | mg/Kg | 8270D  | 60         | 37-144  |              | LFB     |         |
|                                   | 0 2,4-DICHLOROPHENOL         | 0.56   | 1          | mg/Kg | 8270D  | 56         | 39-135  |              | LFB     |         |
|                                   | 0 2,4-DIMETHYLPHENOL         | 0.37   | 1          | mg/Kg | 8270D  | 37         | 32-119  |              | LFB     |         |
|                                   | 0 2,4-DINITROPHENOL          | 0.16   | 1          | mg/Kg | 8270D  | 16         | 1-191   |              | LFB     |         |
|                                   | 0 2-CHLOROPHENOL             | 0.42   | 1          | mg/Kg | 8270D  | 42         | 23-134  |              | LFB     |         |
|                                   | 0 2-METHYLPHENOL (o-CRESOL)  | 0.47   | 1          | mg/Kg | 8270D  | 47         | 40-160  |              | LFB     |         |
|                                   | 0 2-NITROPHENOL              | 0.45   | 1          | mg/Kg | 8270D  | 45         | 29-182  |              | LFB     |         |
|                                   | 0 4,6-DINITRO-2-METHYLPHENOL | 0.39   | 1          | mg/Kg | 8270D  | 39         | 1-110   |              | LFB     |         |
|                                   | 0 4-CHLORO-3-METHYLPHENOL    | 0.63   | 1          | mg/Kg | 8270D  | 63         | 22-147  |              | LFB     |         |
|                                   | 0 4-NITROPHENOL              | 0.51   | 1          | mg/Kg | 8270D  | 51         | 1-132   |              | LFB     |         |
|                                   | 0 m/p-CRESOL                 | 0.49   | 1          | mg/Kg | 8270D  | 49         | 25-125  |              | LFB     |         |
|                                   | 0 PENTACHLOROPHENOL          | 0.54   | 1          | mg/Kg | 8270D  | 54         | 14-176  |              | LFB     |         |
|                                   | 0 PHENOL                     | 0.29   | 1          | mg/Kg | 8270D  | 29         | 5-112   |              | LFB     |         |
|                                   | 0 1-METHYLNAPHTHALENE        | 0.61   | 1          | mg/Kg | 8270D  | 61         | 70-130  | L2           | LFB     |         |
|                                   | 0 2-METHYLNAPHTHALENE        | 0.61   | 1          | mg/Kg | 8270D  | 61         | 70-130  | L2           | LFB     |         |
|                                   | 0 ACENAPHTHYLENE             | 0.65   | 1          | mg/Kg | 8270D  | 65         | 33-145  |              | LFB     |         |
|                                   | 0 ACENAPTHENE                | 0.64   | 1          | mg/Kg | 8270D  | 64         | 47-145  |              | LFB     |         |
|                                   | 0 ANTHRACENE                 | 0.75   | 1          | mg/Kg | 8270D  | 75         | 27-133  |              | LFB     |         |
|                                   | 0 BENZ[A]ANTHRACENE          | 0.82   | 1          | mg/Kg | 8270D  | 82         | 33-143  |              | LFB     |         |
|                                   | 0 BENZO[A]PYRENE             | 0.83   | 1          | mg/Kg | 8270D  | 83         | 17-163  |              | LFB     |         |
|                                   | 0 BENZO[B/J]FLUORANTHENE     | 0.87   | 1          | mg/Kg | 8270D  | 87         | 24-159  |              | LFB     |         |
|                                   | 0 BENZO[G,H,I]PERYLENE       | 0.84   | 1          | mg/Kg | 8270D  | 84         | 1-219   |              | LFB     |         |
|                                   | 0 BENZO[K]FLUORANTHENE       | 0.88   | 1          | mg/Kg | 8270D  | 88         | 11-162  |              | LFB     |         |
|                                   | 0 CHRYSENE                   | 0.85   | 1          | mg/Kg | 8270D  | 85         | 17-168  |              | LFB     |         |
|                                   | 0 DIBENZ[A,H]ANTHRACENE      | 0.79   | 1          | mg/Kg | 8270D  | 79         | 1-227   |              | LFB     |         |
|                                   | 0 FLUORANTHENE               | 0.80   | 1          | mg/Kg | 8270D  | 80         | 26-137  |              | LFB     |         |
|                                   | 0 FLUORENE                   | 0.69   | 1          | mg/Kg | 8270D  | 69         | 59-121  |              | LFB     |         |
|                                   | 0 INDENO[1,2,3-C,D]PYRENE    | 0.80   | 1          | mg/Kg | 8270D  | 80         | 1-171   |              | LFB     |         |
|                                   | 0 NAPHTHALENE                | 0.58   | 1          | mg/Kg | 8270D  | 58         | 21-133  |              | LFB     |         |
|                                   | 0 PHENANTHRENE               | 0.75   | 1          | mg/Kg | 8270D  | 75         | 54-120  |              | LFB     |         |
|                                   | 0 PYRENE                     | 0.81   | 1          | mg/Kg | 8270D  | 81         | 52-115  |              | LFB     |         |

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% Recovery = (Result of Analysis)/(True Value) \* 100

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| Batch                           | Analyte    | Result | True Value | Units | Method | % Recovery | Limits* | QC Qualifier | QC Type | Comment |
|---------------------------------|------------|--------|------------|-------|--------|------------|---------|--------------|---------|---------|
| <b>Laboratory Reagent Blank</b> |            |        |            |       |        |            |         |              |         |         |
| 6010_201118A                    | 0 ARSENIC  | ND     |            | mg/L  | 6010D  | 0-0        |         | LRB          |         |         |
|                                 | 0 CHROMIUM | ND     |            | mg/L  | 6010D  | 0-0        |         | LRB          |         |         |
|                                 | 0 COPPER   | ND     |            | mg/L  | 6010D  | 0-0        |         | LRB          |         |         |

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|---------------------|------------------------------|--------|------------|-------|--------|------------|---------|-------------------|----|---------|
| <b>Method Blank</b> |                              |        |            |       |        |            |         |                   |    |         |
| 6010_201118A        | 0 ARSENIC                    | ND     |            | mg/L  | 6010D  |            | 0-0     |                   | MB |         |
|                     | 0 CHROMIUM                   | ND     |            | mg/L  | 6010D  |            | 0-0     |                   | MB |         |
|                     | 0 COPPER                     | 0.01   |            | mg/L  | 6010D  |            | 0-0     |                   | MB |         |
| 8270D_S201116       | 0 2,3,4,6-TETRACHLOROPHENOL  | ND     |            | mg/Kg | 8270D  |            | 0-0     |                   | MB |         |
|                     | 0 2,4,5-TRICHLOROPHENOL      | ND     |            | mg/Kg | 8270D  |            | 0-0     |                   | MB |         |
|                     | 0 2,4,6-TRICHLOROPHENOL      | ND     |            | mg/Kg | 8270D  |            | 0-0     |                   | MB |         |
|                     | 0 2,4-DICHLOROPHENOL         | ND     |            | mg/Kg | 8270D  |            | 0-0     |                   | MB |         |
|                     | 0 2,4-DIMETHYLPHENOL         | ND     |            | mg/Kg | 8270D  |            | 0-0     |                   | MB |         |
|                     | 0 2,4-DINITROPHENOL          | ND     |            | mg/Kg | 8270D  |            | 0-0     |                   | MB |         |
|                     | 0 2-CHLOROPHENOL             | ND     |            | mg/Kg | 8270D  |            | 0-0     |                   | MB |         |
|                     | 0 2-METHYLPHENOL (o-CRESOL)  | ND     |            | mg/Kg | 8270D  |            | 0-0     |                   | MB |         |
|                     | 0 2-NITROPHENOL              | ND     |            | mg/Kg | 8270D  |            | 0-0     |                   | MB |         |
|                     | 0 4,6-DINITRO-2-METHYLPHENOL | ND     |            | mg/Kg | 8270D  |            | 0-0     |                   | MB |         |
|                     | 0 4-CHLORO-3-METHYLPHENOL    | ND     |            | mg/Kg | 8270D  |            | 0-0     |                   | MB |         |
|                     | 0 4-NITROPHENOL              | ND     |            | mg/Kg | 8270D  |            | 0-0     |                   | MB |         |
|                     | 0 m/p-CRESOL                 | ND     |            | mg/Kg | 8270D  |            | 0-0     |                   | MB |         |
|                     | 0 PENTACHLOROPHENOL          | ND     |            | mg/Kg | 8270D  |            | 0-0     |                   | MB |         |
|                     | 0 PHENOL                     | ND     |            | mg/Kg | 8270D  |            | 0-0     |                   | MB |         |
|                     | 0 1-METHYLNAPHTHALENE        | ND     |            | mg/Kg | 8270D  |            | 0-0     |                   | MB |         |
|                     | 0 2-METHYLNAPHTHALENE        | ND     |            | mg/Kg | 8270D  |            | 0-0     |                   | MB |         |
|                     | 0 ACENAPHTHYLENE             | ND     |            | mg/Kg | 8270D  |            | 0-0     |                   | MB |         |
|                     | 0 ACENAPTHENE                | ND     |            | mg/Kg | 8270D  |            | 0-0     |                   | MB |         |
|                     | 0 ANTHRACENE                 | ND     |            | mg/Kg | 8270D  |            | 0-0     |                   | MB |         |
|                     | 0 BENZ[A]ANTHRACENE          | ND     |            | mg/Kg | 8270D  |            | 0-0     |                   | MB |         |
|                     | 0 BENZO[A]PYRENE             | ND     |            | mg/Kg | 8270D  |            | 0-0     |                   | MB |         |
|                     | 0 BENZO[B,J]FLUORANTHENE     | ND     |            | mg/Kg | 8270D  |            | 0-0     |                   | MB |         |
|                     | 0 BENZO[G,H,I]PERYLENE       | ND     |            | mg/Kg | 8270D  |            | 0-0     |                   | MB |         |
|                     | 0 BENZO[K]FLUORANTHENE       | ND     |            | mg/Kg | 8270D  |            | 0-0     |                   | MB |         |
|                     | 0 CHRYSENE                   | ND     |            | mg/Kg | 8270D  |            | 0-0     |                   | MB |         |
|                     | 0 DIBENZ[A,H]ANTHRACENE      | ND     |            | mg/Kg | 8270D  |            | 0-0     |                   | MB |         |
|                     | 0 FLUORANTHENE               | ND     |            | mg/Kg | 8270D  |            | 0-0     |                   | MB |         |
|                     | 0 FLUORENE                   | ND     |            | mg/Kg | 8270D  |            | 0-0     |                   | MB |         |
|                     | 0 INDENO[1,2,3,C,D]PYRENE    | ND     |            | mg/Kg | 8270D  |            | 0-0     |                   | MB |         |
|                     | 0 NAPHTHALENE                | ND     |            | mg/Kg | 8270D  |            | 0-0     |                   | MB |         |
|                     | 0 PHENANTHRENE               | ND     |            | mg/Kg | 8270D  |            | 0-0     |                   | MB |         |
|                     | 0 PYRENE                     | ND     |            | mg/Kg | 8270D  |            | 0-0     |                   | MB |         |

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|-------------------------------|------------|--------|------------|-------|--------|------------|---------|--------------|---------|---------|
| <b>Quality Control Sample</b> |            |        |            |       |        |            |         |              |         |         |
| 6010_201118A                  | 0 ARSENIC  | 1.98   | 2          | mg/L  | 6010D  | 99         | 90-110  |              | QCS     |         |
|                               | 0 CHROMIUM | 1.98   | 2          | mg/L  | 6010D  | 99         | 90-110  |              | QCS     |         |
|                               | 0 COPPER   | 2.07   | 2          | mg/L  | 6010D  | 104        | 90-110  |              | QCS     |         |

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