

MYDAT5S

FORM 5A - IN

## MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group

Contract: EPW14030

Lab Code: ACE Case No.: 51772

MA No. : SDG No.: MYDAT3

Matrix : Soil

Analytical Method: ICP-AES

% Solids: 98

Concentration Units (µg/L, mg/L or mg/kg dry weight): mg/kg

| Analyte   | Control Limit<br>%R | Spiked Sample<br>Result (SSR) | Q | Sample Result (SR) | Q  | Spike Added (SA) | %R | Q |
|-----------|---------------------|-------------------------------|---|--------------------|----|------------------|----|---|
| Antimony  | 75 - 125            | 16                            | D | 1.1                | JD | 35.2             | 42 | * |
| Arsenic   | 75 - 125            | 39                            | D | 31                 | D  | 14.08            | 61 | * |
| Barium    | 75 - 125            | 720                           | D | 140                | D  | 704              | 82 |   |
| Beryllium | 75 - 125            | 16                            | D | 1.1                | D  | 17.6             | 84 |   |
| Cadmium   | 75 - 125            | 16                            | D | 0.96               | D  | 17.6             | 85 |   |
| Chromium  | 75 - 125            | 80                            | D | 19                 | D  | 70.4             | 87 |   |
| Cobalt    | 75 - 125            | 170                           | D | 19                 | D  | 176              | 88 |   |
| Copper    | 75 - 125            | 100                           | D | 33                 | D  | 88.0             | 77 |   |
| Lead      | 75 - 125            | 32                            | D | 26                 | D  | 7.04             | 73 | * |
| Manganese |                     | 730                           | D | 730                | D  | 176              | -1 |   |
| Nickel    | 75 - 125            | 180                           | D | 20                 | D  | 176              | 89 |   |
| Selenium  | 75 - 125            | 24                            | D | 5.8                | UD | 35.2             | 68 | * |
| Silver    | 75 - 125            | 11                            | D | 1.7                | UD | 17.6             | 82 |   |
| Thallium  | 75 - 125            | 10                            | D | 4.1                | UD | 17.6             | 90 |   |
| Vanadium  | 75 - 125            | 210                           | D | 69                 | D  | 176              | 81 |   |
| Zinc      | 75 - 125            | 220                           | D | 93                 | D  | 176              | 69 | * |