

Analysis Method: 9034  
 Parameter: Reactive Sulfide  
 Run Number: LB98472

ANALYST: sweta  
 SUPERVISOR REVIEW BY: apatel  
 Constant: 16000  
 Normality1: 0.025  
 Normality2: 0.025

| Reagent/Standard                   | Lot/Log # |
|------------------------------------|-----------|
| SODIUM THIOSULFATE, 0.025N, 4LITRE | W2337     |
| IODINE SOLUTION .025N 1L           | W2349     |
| Starch Solution, 4L                | W2277     |

| Seq | Lab ID      | True Value (mg/l) | DF | Initial Weight (g) | Final Volume (ml) | T1 (ml) | T2 Initial | T2 Final | T2 Diff. (ml) | T1 - T2 Diff (mL) | Value Corrected With Blank | Result (ppm) | Anal Date  | Anal Time |
|-----|-------------|-------------------|----|--------------------|-------------------|---------|------------|----------|---------------|-------------------|----------------------------|--------------|------------|-----------|
| 1   | PB113668BL  |                   | 1  | 5.03               | 50                | 2.00    | 0.00       | 1.86     | 1.86          | 0.14              | 0.00                       | 0.00         | 10/09/2018 | 13:10     |
| 2   | J5201-02    |                   | 1  | 5.04               | 50                | 2.00    | 1.86       | 3.52     | 1.66          | 0.34              | 0.20                       | 15.87        | 10/09/2018 | 13:12     |
| 3   | J5201-02DUP |                   | 1  | 5.03               | 50                | 2.00    | 3.52       | 5.16     | 1.64          | 0.36              | 0.22                       | 17.50        | 10/09/2018 | 13:14     |
| 4   | J5201-04    |                   | 1  | 5.05               | 50                | 2.00    | 0.00       | 1.46     | 1.46          | 0.54              | 0.40                       | 31.68        | 10/09/2018 | 13:16     |
| 5   | J5201-06    |                   | 1  | 5.03               | 50                | 2.00    | 1.46       | 3.18     | 1.72          | 0.28              | 0.14                       | 11.13        | 10/09/2018 | 13:18     |
| 6   | J5324-02    |                   | 1  | 5.02               | 50                | 2.00    | 3.18       | 4.70     | 1.52          | 0.48              | 0.34                       | 27.09        | 10/09/2018 | 13:20     |
| 7   | J5325-02    |                   | 1  | 5.03               | 50                | 2.00    | 4.70       | 6.10     | 1.40          | 0.60              | 0.46                       | 36.58        | 10/09/2018 | 13:22     |
| 8   | J5326-04    |                   | 1  | 5.00               | 50                | 2.00    | 6.10       | 7.80     | 1.70          | 0.30              | 0.16                       | 12.80        | 10/09/2018 | 13:24     |
| 9   | J5326-08    |                   | 1  | 5.02               | 50                | 2.00    | 7.80       | 9.32     | 1.52          | 0.48              | 0.34                       | 27.09        | 10/09/2018 | 13:26     |
| 10  | J5326-12    |                   | 1  | 5.06               | 50                | 2.00    | 0.00       | 1.48     | 1.48          | 0.52              | 0.38                       | 30.04        | 10/09/2018 | 13:28     |
| 11  | J5326-16    |                   | 1  | 5.04               | 50                | 2.00    | 1.48       | 3.04     | 1.56          | 0.44              | 0.30                       | 23.81        | 10/09/2018 | 13:30     |
| 12  | J5326-20    |                   | 1  | 5.03               | 50                | 2.00    | 3.04       | 4.80     | 1.76          | 0.24              | 0.10                       | 7.95         | 10/09/2018 | 13:33     |

T1 = Titrant1

T2 = Titrant2

T2 Diff = T2 Final - T2 Initial

Value Corrected With Blank = ((T1 - T2 Diff) - Blank Correction(BL))

Result = ((T1 \* Normality1) - ((T1 - Value Corrected With Blank) \* Normality2)) \* Constant / Initial Volume

Analysis Method: 9034

Parameter: Reactive Sulfide

Run Number: LB98472

ANALYST: sweta

SUPERVISOR REVIEW BY: apatel

Constant: 16000

Normality1: 0.025

Normality2: 0.025

| Reagent/Standard                   | Lot/Log # |
|------------------------------------|-----------|
| SODIUM THIOSULFATE, 0.025N, 4LITRE | W2337     |
| IODINE SOLUTION .025N 1L           | W2349     |
| Starch Solution, 4L                | W2277     |

| Seq | Lab ID   | True Value (mg/l) | DF | Initial Weight (g) | Final Volume (ml) | T1 (ml) | T2 Initial | T2 Final | T2 Diff. (ml) | T1 - T2 Diff (mL) | Value Corrected With Blank | Result (ppm) | Anal Date  | Anal Time |
|-----|----------|-------------------|----|--------------------|-------------------|---------|------------|----------|---------------|-------------------|----------------------------|--------------|------------|-----------|
| 13  | J5326-24 |                   | 1  | 5.00               | 50                | 2.00    | 4.80       | 6.50     | 1.70          | 0.30              | 0.16                       | 12.80        | 10/09/2018 | 13:35     |
| 14  | J5326-28 |                   | 1  | 5.00               | 50                | 2.00    | 6.50       | 8.12     | 1.62          | 0.38              | 0.24                       | 19.20        | 10/09/2018 | 13:37     |
| 15  | J5326-32 |                   | 1  | 5.04               | 50                | 2.00    | 0.00       | 1.68     | 1.68          | 0.32              | 0.18                       | 14.29        | 10/09/2018 | 13:39     |
| 16  | J5326-35 |                   | 1  | 5.03               | 50                | 2.00    | 1.68       | 3.48     | 1.80          | 0.20              | 0.06                       | 4.77         | 10/09/2018 | 13:41     |
| 17  | J5326-38 |                   | 1  | 5.02               | 50                | 2.00    | 3.48       | 5.20     | 1.72          | 0.28              | 0.14                       | 11.16        | 10/09/2018 | 13:43     |
| 18  | J5326-41 |                   | 1  | 5.05               | 50                | 2.00    | 5.20       | 6.86     | 1.66          | 0.34              | 0.20                       | 15.84        | 10/09/2018 | 13:45     |
| 19  | J5329-04 |                   | 1  | 5.00               | 50                | 2.00    | 6.86       | 8.44     | 1.58          | 0.42              | 0.28                       | 22.40        | 10/09/2018 | 13:47     |
| 20  | J5329-08 |                   | 1  | 5.06               | 50                | 2.00    | 8.44       | 9.98     | 1.54          | 0.46              | 0.32                       | 25.30        | 10/09/2018 | 13:49     |
| 21  | J5331-03 |                   | 1  | 5.02               | 50                | 2.00    | 0.00       | 1.72     | 1.72          | 0.28              | 0.14                       | 11.16        | 10/09/2018 | 13:51     |

T1 = Titrant1

T2 = Titrant2

T2 Diff = T2 Final - T2 Initial

Value Corrected With Blank = ((T1 - T2 Diff) - Blank Correction(BL))

Result = ((T1 \* Normality1) - ((T1 - Value Corrected With Blank) \* Normality2)) \* Constant / Initial Volume