

Analysis Method: 9034

Parameter: Reactive Sulfide

Run Number: LB95440

ANALYST: Hiral

SUPERVISOR REVIEW BY: KETANKUMAR

Constant: 16000

Normality1: 0.025

Normality2: 0.025

| Reagent/Standard                   | Lot/Log # |
|------------------------------------|-----------|
| SODIUM THIOSULFATE, 0.025N, 4LITRE | W2276     |
| IODINE SOLUTION .025N 1L           | W2283     |
| Starch Solution, 4L                | W2121     |

| 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   | PB109404BL  |                   | 1  | 5.05               | 50                | 2.00    | 0.00       | 1.90     | 1.90          | 0.10              | 0.00                       | 0.00         | 05/17/2018 | 15:32     |
| 2   | J2669-08    |                   | 1  | 5.03               | 50                | 2.00    | 0.00       | 1.84     | 1.84          | 0.16              | 0.06                       | 4.77         | 05/17/2018 | 15:34     |
| 3   | J2669-08DUP |                   | 1  | 5.02               | 50                | 2.00    | 1.84       | 3.66     | 1.82          | 0.18              | 0.08                       | 6.37         | 05/17/2018 | 15:36     |
| 4   | J2935-02    |                   | 1  | 5.04               | 50                | 2.00    | 0.00       | 1.82     | 1.82          | 0.18              | 0.08                       | 6.35         | 05/17/2018 | 15:38     |
| 5   | J2936-02    |                   | 1  | 5.02               | 50                | 2.00    | 1.82       | 3.58     | 1.76          | 0.24              | 0.14                       | 11.16        | 05/17/2018 | 15:40     |
| 6   | J2936-04    |                   | 1  | 5.01               | 50                | 2.00    | 3.58       | 5.20     | 1.62          | 0.38              | 0.28                       | 22.36        | 05/17/2018 | 15:42     |
| 7   | J2936-06    |                   | 1  | 5.05               | 50                | 2.00    | 5.20       | 6.72     | 1.52          | 0.48              | 0.38                       | 30.10        | 05/17/2018 | 15:44     |
| 8   | J2936-08    |                   | 1  | 5.05               | 50                | 2.00    | 6.72       | 8.18     | 1.46          | 0.54              | 0.44                       | 34.85        | 05/17/2018 | 15:46     |
| 9   | J2944-02    |                   | 1  | 5.00               | 50                | 2.00    | 8.18       | 9.78     | 1.60          | 0.40              | 0.30                       | 24.00        | 05/17/2018 | 15:48     |
| 10  | J2945-04    |                   | 1  | 5.01               | 50                | 2.00    | 0.00       | 1.60     | 1.60          | 0.40              | 0.30                       | 23.95        | 05/17/2018 | 15:50     |
| 11  | J2963-13    |                   | 1  | 5.04               | 50                | 2.00    | 1.60       | 3.24     | 1.64          | 0.36              | 0.26                       | 20.63        | 05/17/2018 | 15:52     |
| 12  | J2963-14    |                   | 1  | 5.02               | 50                | 2.00    | 3.24       | 5.06     | 1.82          | 0.18              | 0.08                       | 6.37         | 05/17/2018 | 15:54     |

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

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| 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  | J2963-15 |                   | 1  | 5.04               | 50                | 2.00    | 5.06       | 6.84     | 1.78          | 0.22              | 0.12                       | 9.52         | 05/17/2018 | 15:56     |
| 14  | J2963-16 |                   | 1  | 5.00               | 50                | 2.00    | 6.84       | 8.70     | 1.86          | 0.14              | 0.04                       | 3.20         | 05/17/2018 | 15:58     |
| 15  | J2963-17 |                   | 1  | 5.05               | 50                | 2.00    | 0.00       | 1.60     | 1.60          | 0.40              | 0.30                       | 23.76        | 05/17/2018 | 16:01     |
| 16  | J2963-18 |                   | 1  | 5.02               | 50                | 2.00    | 1.60       | 3.32     | 1.72          | 0.28              | 0.18                       | 14.34        | 05/17/2018 | 16:03     |
| 17  | J2964-03 |                   | 1  | 5.04               | 50                | 2.00    | 3.32       | 4.96     | 1.64          | 0.36              | 0.26                       | 20.63        | 05/17/2018 | 16:05     |
| 18  | J2965-05 |                   | 1  | 5.03               | 50                | 2.00    | 4.96       | 6.80     | 1.84          | 0.16              | 0.06                       | 4.77         | 05/17/2018 | 16:07     |
| 19  | J2965-06 |                   | 1  | 5.04               | 50                | 2.00    | 6.80       | 8.32     | 1.52          | 0.48              | 0.38                       | 30.16        | 05/17/2018 | 16:09     |

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