

Analysis Method: 9034

ANALYST: Hiral

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: ketankumar

Run Number: LB94997

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   | PB108741BL  |                   | 1  | 5.02               | 50                | 2.00    | 0.00       | 1.92     | 1.92          | 0.08              | 0.00                       | 0.00         | 04/30/2018 | 13:27     |
| 2   | J2158-08    |                   | 1  | 5.03               | 50                | 2.00    | 0.00       | 1.76     | 1.76          | 0.24              | 0.16                       | 12.72        | 04/30/2018 | 13:30     |
| 3   | J2158-08DUP |                   | 1  | 5.01               | 50                | 2.00    | 1.76       | 3.54     | 1.78          | 0.22              | 0.14                       | 11.18        | 04/30/2018 | 13:33     |
| 4   | J2165-08    |                   | 1  | 5.03               | 50                | 2.00    | 0.00       | 1.70     | 1.70          | 0.30              | 0.22                       | 17.50        | 04/30/2018 | 13:36     |
| 5   | J2166-06    |                   | 1  | 5.04               | 50                | 2.00    | 1.70       | 3.34     | 1.64          | 0.36              | 0.28                       | 22.22        | 04/30/2018 | 13:39     |
| 6   | J2615-03    |                   | 1  | 5.01               | 50                | 2.00    | 3.34       | 4.86     | 1.52          | 0.48              | 0.40                       | 31.94        | 04/30/2018 | 13:42     |
| 7   | J2616-06    |                   | 1  | 5.05               | 50                | 2.00    | 4.86       | 6.62     | 1.76          | 0.24              | 0.16                       | 12.67        | 04/30/2018 | 13:45     |
| 8   | J2616-12    |                   | 1  | 5.02               | 50                | 2.00    | 6.62       | 8.32     | 1.70          | 0.30              | 0.22                       | 17.53        | 04/30/2018 | 13:48     |
| 9   | J2616-18    |                   | 1  | 5.00               | 50                | 2.00    | 0.00       | 1.58     | 1.58          | 0.42              | 0.34                       | 27.20        | 04/30/2018 | 13:51     |
| 10  | J2616-24    |                   | 1  | 5.01               | 50                | 2.00    | 1.58       | 3.32     | 1.74          | 0.26              | 0.18                       | 14.37        | 04/30/2018 | 13:54     |
| 11  | J2616-30    |                   | 1  | 5.03               | 50                | 2.00    | 3.32       | 4.96     | 1.64          | 0.36              | 0.28                       | 22.27        | 04/30/2018 | 13:57     |
| 12  | J2616-36    |                   | 1  | 5.02               | 50                | 2.00    | 4.96       | 6.46     | 1.50          | 0.50              | 0.42                       | 33.47        | 04/30/2018 | 14:00     |

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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|-----|----------|-------------------|----|--------------------|-------------------|---------|------------|----------|---------------|-------------------|----------------------------|--------------|------------|-----------|
| 13  | J2616-46 |                   | 1  | 5.04               | 50                | 2.00    | 6.46       | 8.06     | 1.60          | 0.40              | 0.32                       | 25.40        | 04/30/2018 | 14:03     |

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