

Analysis Method: 9034

Parameter: Reactive Sulfide

Run Number: LB96057

ANALYST: HIRAL

SUPERVISOR REVIEW BY: ketankumar

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   | PB110298BL  |                   | 1  | 5.02               | 50                | 2.00    | 0.00       | 1.88     | 1.88          | 0.12              | 0.00                       | 0.00         | 06/15/2018 | 13:28     |
| 2   | J3504-04    |                   | 1  | 5.05               | 50                | 2.00    | 0.00       | 1.64     | 1.64          | 0.36              | 0.24                       | 19.01        | 06/15/2018 | 13:30     |
| 3   | J3504-04DUP |                   | 1  | 5.04               | 50                | 2.00    | 1.64       | 3.30     | 1.66          | 0.34              | 0.22                       | 17.46        | 06/15/2018 | 13:32     |
| 4   | J3504-05    |                   | 1  | 5.04               | 50                | 2.00    | 0.00       | 1.82     | 1.82          | 0.18              | 0.06                       | 4.76         | 06/15/2018 | 13:34     |
| 5   | J3504-06    |                   | 1  | 5.05               | 50                | 2.00    | 1.82       | 3.64     | 1.82          | 0.18              | 0.06                       | 4.75         | 06/15/2018 | 13:36     |
| 6   | J3505-03    |                   | 1  | 5.06               | 50                | 2.00    | 3.64       | 5.46     | 1.82          | 0.18              | 0.06                       | 4.74         | 06/15/2018 | 13:38     |
| 7   | J3505-04    |                   | 1  | 5.05               | 50                | 2.00    | 5.46       | 7.30     | 1.84          | 0.16              | 0.04                       | 3.17         | 06/15/2018 | 13:40     |
| 8   | J3523-08    |                   | 1  | 5.01               | 50                | 2.00    | 7.40       | 9.04     | 1.64          | 0.36              | 0.24                       | 19.16        | 06/15/2018 | 13:42     |
| 9   | J3523-11    |                   | 1  | 5.06               | 50                | 2.00    | 0.00       | 1.74     | 1.74          | 0.26              | 0.14                       | 11.07        | 06/15/2018 | 13:44     |
| 10  | J3523-13    |                   | 1  | 5.02               | 50                | 2.00    | 1.74       | 3.52     | 1.78          | 0.22              | 0.10                       | 7.97         | 06/15/2018 | 13:46     |
| 11  | J3523-14    |                   | 1  | 5.01               | 50                | 2.00    | 3.52       | 5.40     | 1.88          | 0.12              | 0.00                       | 0.00         | 06/15/2018 | 13:48     |
| 12  | J3524-02    |                   | 1  | 5.05               | 50                | 2.00    | 5.40       | 7.14     | 1.74          | 0.26              | 0.14                       | 11.09        | 06/15/2018 | 13:50     |

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  | J3524-04 |                   | 1  | 5.04               | 50                | 2.00    | 7.14       | 8.76     | 1.62          | 0.38              | 0.26                       | 20.63        | 06/15/2018 | 13:52     |

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