

Analysis Method: 9034  
 Parameter: Reactive Sulfide  
 Run Number: LB102576

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

| Reagent/Standard                  | Lot/Log # |
|-----------------------------------|-----------|
| Sodium thiosulfate titrant 0.025N | WP73671   |
| IODINE SOLUTION .025N 1L          | W2479     |
| Starch Solution, 4L               | W2379     |

| 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   | PB119492BL  |                   | 1  | 5.04               | 50                | 2.00    | 0.00       | 1.78     | 1.78          | 0.22              | 0.00                       | 0.00         | 05/06/2019 | 15:35     |
| 2   | K2639-02    |                   | 1  | 5.02               | 50                | 2.00    | 1.78       | 3.54     | 1.76          | 0.24              | 0.02                       | 1.59         | 05/06/2019 | 15:38     |
| 3   | K2639-02DUP |                   | 1  | 5.04               | 50                | 2.00    | 3.54       | 5.28     | 1.74          | 0.26              | 0.04                       | 3.17         | 05/06/2019 | 15:42     |
| 4   | K2639-04    |                   | 1  | 5.05               | 50                | 2.00    | 0.00       | 1.68     | 1.68          | 0.32              | 0.10                       | 7.92         | 05/06/2019 | 15:45     |
| 5   | K2672-02    |                   | 1  | 5.00               | 50                | 2.00    | 1.68       | 3.38     | 1.70          | 0.30              | 0.08                       | 6.40         | 05/06/2019 | 15:48     |
| 6   | K2672-04    |                   | 1  | 5.02               | 50                | 2.00    | 3.38       | 5.10     | 1.72          | 0.28              | 0.06                       | 4.78         | 05/06/2019 | 15:52     |
| 7   | K2672-06    |                   | 1  | 5.03               | 50                | 2.00    | 5.10       | 6.74     | 1.64          | 0.36              | 0.14                       | 11.13        | 05/06/2019 | 15:55     |
| 8   | K2672-08    |                   | 1  | 5.04               | 50                | 2.00    | 6.74       | 8.40     | 1.66          | 0.34              | 0.12                       | 9.52         | 05/06/2019 | 15:58     |
| 9   | K2672-10    |                   | 1  | 5.02               | 50                | 2.00    | 0.00       | 1.72     | 1.72          | 0.28              | 0.06                       | 4.78         | 05/06/2019 | 16:02     |
| 10  | K2672-12    |                   | 1  | 5.03               | 50                | 2.00    | 1.72       | 3.42     | 1.70          | 0.30              | 0.08                       | 6.36         | 05/06/2019 | 16:05     |
| 11  | K2672-14    |                   | 1  | 5.00               | 50                | 2.00    | 3.42       | 5.10     | 1.68          | 0.32              | 0.10                       | 8.00         | 05/06/2019 | 16:08     |
| 12  | K2672-16    |                   | 1  | 5.03               | 50                | 2.00    | 5.10       | 6.84     | 1.74          | 0.26              | 0.04                       | 3.18         | 05/06/2019 | 16:12     |

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  | K2672-18 |                   | 1  | 5.04               | 50                | 2.00    | 6.84       | 8.54     | 1.70          | 0.30              | 0.08                       | 6.35         | 05/06/2019 | 16:15     |
| 14  | K2672-20 |                   | 1  | 5.03               | 50                | 2.00    | 0.00       | 1.62     | 1.62          | 0.38              | 0.16                       | 12.72        | 05/06/2019 | 16:18     |
| 15  | K2680-01 |                   | 1  | 5.00               | 50                | 2.00    | 1.62       | 3.30     | 1.68          | 0.32              | 0.10                       | 8.00         | 05/06/2019 | 16:22     |
| 16  | K2680-02 |                   | 1  | 5.02               | 50                | 2.00    | 3.30       | 4.94     | 1.64          | 0.36              | 0.14                       | 11.16        | 05/06/2019 | 16:25     |
| 17  | K2680-03 |                   | 1  | 5.01               | 50                | 2.00    | 4.94       | 6.54     | 1.60          | 0.40              | 0.18                       | 14.37        | 05/06/2019 | 16:28     |
| 18  | K2689-01 |                   | 1  | 5.03               | 50                | 2.00    | 6.54       | 8.26     | 1.72          | 0.28              | 0.06                       | 4.77         | 05/06/2019 | 16:32     |
| 19  | K2703-04 |                   | 1  | 5.02               | 50                | 2.00    | 0.00       | 1.72     | 1.72          | 0.28              | 0.06                       | 4.78         | 05/06/2019 | 16:35     |

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

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