

Analysis Method: 9034  
 Parameter: Reactive Sulfide  
 Run Number: LB114875

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

| Reagent/Standard                  | Lot/Log # |
|-----------------------------------|-----------|
| Sodium thiosulfate titrant 0.025N | WP90938   |
| IODINE SOLUTION .025N 1L          | W2763     |
| Starch Solution, 4L               | W2703     |

| 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   | PB136957BL  |                   | 1  | 5.00               | 50                | 2.00    | 0.00       | 1.88     | 1.88          | 0.12              | 0.00                       | 0.00         | 06/09/2021 | 14:20     |
| 2   | M2626-07    |                   | 1  | 5.02               | 50                | 2.00    | 1.88       | 3.72     | 1.84          | 0.16              | 0.04                       | 3.19         | 06/09/2021 | 14:22     |
| 3   | M2626-07DUP |                   | 1  | 5.04               | 50                | 2.00    | 3.72       | 5.58     | 1.86          | 0.14              | 0.02                       | 1.59         | 06/09/2021 | 14:25     |
| 4   | M2626-08    |                   | 1  | 5.05               | 50                | 2.00    | 5.58       | 7.40     | 1.82          | 0.18              | 0.06                       | 4.75         | 06/09/2021 | 14:28     |
| 5   | M2626-09    |                   | 1  | 5.04               | 50                | 2.00    | 0.00       | 1.86     | 1.86          | 0.14              | 0.02                       | 1.59         | 06/09/2021 | 14:30     |
| 6   | M2626-10    |                   | 1  | 5.02               | 50                | 2.00    | 1.86       | 3.70     | 1.84          | 0.16              | 0.04                       | 3.19         | 06/09/2021 | 14:32     |
| 7   | M2626-11    |                   | 1  | 5.03               | 50                | 2.00    | 3.70       | 5.50     | 1.80          | 0.20              | 0.08                       | 6.36         | 06/09/2021 | 14:35     |
| 8   | M2626-12    |                   | 1  | 5.04               | 50                | 2.00    | 5.50       | 7.32     | 1.82          | 0.18              | 0.06                       | 4.76         | 06/09/2021 | 14:38     |
| 9   | M2634-01    |                   | 1  | 5.07               | 50                | 2.00    | 0.00       | 1.84     | 1.84          | 0.16              | 0.04                       | 3.16         | 06/09/2021 | 14:40     |
| 10  | M2634-04    |                   | 1  | 5.09               | 50                | 2.00    | 1.84       | 3.70     | 1.86          | 0.14              | 0.02                       | 1.57         | 06/09/2021 | 14:42     |
| 11  | M2637-06    |                   | 1  | 5.05               | 50                | 2.00    | 3.70       | 5.50     | 1.80          | 0.20              | 0.08                       | 6.34         | 06/09/2021 | 14:45     |
| 12  | M2637-07    |                   | 1  | 5.03               | 50                | 2.00    | 5.50       | 7.32     | 1.82          | 0.18              | 0.06                       | 4.77         | 06/09/2021 | 14:48     |

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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| Starch Solution, 4L               | W2703     |

| 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  | M2637-08 |                   | 1  | 5.04               | 50                | 2.00    | 0.00       | 1.86     | 1.86          | 0.14              | 0.02                       | 1.59         | 06/09/2021 | 14:50     |
| 14  | M2637-09 |                   | 1  | 5.06               | 50                | 2.00    | 1.86       | 3.70     | 1.84          | 0.16              | 0.04                       | 3.16         | 06/09/2021 | 14:52     |
| 15  | M2637-10 |                   | 1  | 5.05               | 50                | 2.00    | 3.70       | 5.50     | 1.80          | 0.20              | 0.08                       | 6.34         | 06/09/2021 | 14:55     |
| 16  | M2651-06 |                   | 1  | 5.04               | 50                | 2.00    | 5.50       | 7.34     | 1.84          | 0.16              | 0.04                       | 3.17         | 06/09/2021 | 14:58     |
| 17  | M2651-07 |                   | 1  | 5.05               | 50                | 2.00    | 0.00       | 1.82     | 1.82          | 0.18              | 0.06                       | 4.75         | 06/09/2021 | 15:00     |
| 18  | M2651-08 |                   | 1  | 5.06               | 50                | 2.00    | 1.82       | 3.60     | 1.78          | 0.22              | 0.10                       | 7.91         | 06/09/2021 | 15:02     |
| 19  | M2651-09 |                   | 1  | 5.07               | 50                | 2.00    | 3.60       | 5.40     | 1.80          | 0.20              | 0.08                       | 6.31         | 06/09/2021 | 15:05     |
| 20  | M2651-10 |                   | 1  | 5.05               | 50                | 2.00    | 5.40       | 7.24     | 1.84          | 0.16              | 0.04                       | 3.17         | 06/09/2021 | 15:08     |

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