

Analysis Method: 9034  
 Parameter: Reactive Sulfide  
 Run Number: LB111103

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

| Reagent/Standard                  | Lot/Log # |
|-----------------------------------|-----------|
| Sodium thiosulfate titrant 0.025N | WP86633   |
| IODINE SOLUTION .025N 1L          | W2670     |
| 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   | PB131802BL  |                   | 1  | 5.01               | 50                | 2.00    | 0.00       | 1.92     | 1.92          | 0.08              | 0.00                       | 0.00         | 09/22/2020 | 15:20     |
| 2   | L3864-15    |                   | 1  | 5.03               | 50                | 2.00    | 1.92       | 3.80     | 1.88          | 0.12              | 0.04                       | 3.18         | 09/22/2020 | 15:22     |
| 3   | L3864-15DUP |                   | 1  | 5.04               | 50                | 2.00    | 3.80       | 5.70     | 1.90          | 0.10              | 0.02                       | 1.59         | 09/22/2020 | 15:25     |
| 4   | L3866-10    |                   | 1  | 5.05               | 50                | 2.00    | 5.70       | 7.56     | 1.86          | 0.14              | 0.06                       | 4.75         | 09/22/2020 | 15:28     |
| 5   | L3869-10    |                   | 1  | 5.02               | 50                | 2.00    | 0.00       | 1.84     | 1.84          | 0.16              | 0.08                       | 6.37         | 09/22/2020 | 15:32     |
| 6   | L3872-10    |                   | 1  | 5.06               | 50                | 2.00    | 1.84       | 3.70     | 1.86          | 0.14              | 0.06                       | 4.74         | 09/22/2020 | 15:35     |
| 7   | L4048-02    |                   | 1  | 5.03               | 50                | 2.00    | 3.70       | 5.58     | 1.88          | 0.12              | 0.04                       | 3.18         | 09/22/2020 | 15:38     |
| 8   | L4048-04    |                   | 1  | 5.04               | 50                | 2.00    | 5.58       | 7.40     | 1.82          | 0.18              | 0.10                       | 7.94         | 09/22/2020 | 15:40     |
| 9   | L4101-02    |                   | 1  | 5.03               | 50                | 2.00    | 0.00       | 1.86     | 1.86          | 0.14              | 0.06                       | 4.77         | 09/22/2020 | 15:42     |
| 10  | L4104-04    |                   | 1  | 5.01               | 50                | 2.00    | 1.86       | 3.70     | 1.84          | 0.16              | 0.08                       | 6.39         | 09/22/2020 | 15:45     |
| 11  | L4104-08    |                   | 1  | 5.04               | 50                | 2.00    | 3.70       | 5.50     | 1.80          | 0.20              | 0.12                       | 9.52         | 09/22/2020 | 15:48     |
| 12  | L4104-10    |                   | 1  | 5.02               | 50                | 2.00    | 5.50       | 7.32     | 1.82          | 0.18              | 0.10                       | 7.97         | 09/22/2020 | 15:50     |

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