

Analysis Method: 9034  
 Parameter: Reactive Sulfide  
 Run Number: LB115408

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   | PB137746BL  |                   | 1  | 5.00               | 50                | 2.00    | 0.00       | 1.92     | 1.92          | 0.08              | 0.00                       | 0.00         | 07/16/2021 | 14:15     |
| 2   | M3038-13    |                   | 1  | 5.02               | 50                | 2.00    | 1.92       | 3.80     | 1.88          | 0.12              | 0.04                       | 3.19         | 07/16/2021 | 14:18     |
| 3   | M3038-13DUP |                   | 1  | 5.04               | 50                | 2.00    | 3.80       | 5.70     | 1.90          | 0.10              | 0.02                       | 1.59         | 07/16/2021 | 14:20     |
| 4   | M3038-14    |                   | 1  | 5.05               | 50                | 2.00    | 5.70       | 7.56     | 1.86          | 0.14              | 0.06                       | 4.75         | 07/16/2021 | 14:22     |
| 5   | M3038-15    |                   | 1  | 5.04               | 50                | 2.00    | 0.00       | 1.84     | 1.84          | 0.16              | 0.08                       | 6.35         | 07/16/2021 | 14:25     |
| 6   | M3038-16    |                   | 1  | 5.03               | 50                | 2.00    | 1.84       | 3.70     | 1.86          | 0.14              | 0.06                       | 4.77         | 07/16/2021 | 14:28     |
| 7   | M3038-17    |                   | 1  | 5.06               | 50                | 2.00    | 3.70       | 5.52     | 1.82          | 0.18              | 0.10                       | 7.91         | 07/16/2021 | 14:30     |
| 8   | M3039-15    |                   | 1  | 5.04               | 50                | 2.00    | 5.52       | 7.40     | 1.88          | 0.12              | 0.04                       | 3.17         | 07/16/2021 | 14:32     |
| 9   | M3039-16    |                   | 1  | 5.02               | 50                | 2.00    | 0.00       | 1.86     | 1.86          | 0.14              | 0.06                       | 4.78         | 07/16/2021 | 14:35     |
| 10  | M3039-17    |                   | 1  | 5.03               | 50                | 2.00    | 1.86       | 3.70     | 1.84          | 0.16              | 0.08                       | 6.36         | 07/16/2021 | 14:38     |
| 11  | M3039-18    |                   | 1  | 5.04               | 50                | 2.00    | 3.70       | 5.50     | 1.80          | 0.20              | 0.12                       | 9.52         | 07/16/2021 | 14:40     |
| 12  | M3039-19    |                   | 1  | 5.05               | 50                | 2.00    | 5.50       | 7.32     | 1.82          | 0.18              | 0.10                       | 7.92         | 07/16/2021 | 14:42     |

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

Analysis Method: 9034  
 Parameter: Reactive Sulfide  
 Run Number: LB115408

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 |
|-----|----------|-------------------|----|--------------------|-------------------|---------|------------|----------|---------------|-------------------|----------------------------|--------------|------------|-----------|
| 13  | M3039-20 |                   | 1  | 5.03               | 50                | 2.00    | 0.00       | 1.82     | 1.82          | 0.18              | 0.10                       | 7.95         | 07/16/2021 | 14:45     |
| 14  | M3039-21 |                   | 1  | 5.06               | 50                | 2.00    | 1.82       | 3.70     | 1.88          | 0.12              | 0.04                       | 3.16         | 07/16/2021 | 14:48     |
| 15  | M3061-01 |                   | 1  | 5.03               | 50                | 2.00    | 3.70       | 5.54     | 1.84          | 0.16              | 0.08                       | 6.36         | 07/16/2021 | 14:50     |

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