

Analysis Method: 9034  
 Parameter: Reactive Sulfide  
 Run Number: LB117097

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

| Reagent/Standard                   | Lot/Log # |
|------------------------------------|-----------|
| SODIUM THIOSULFATE, 0.025N, 4LITRE | W2843     |
| IODINE SOLUTION .025N 1L           | W2864     |
| 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   | PB140301BL  |                   | 1  | 5.00               | 50                | 2.00    | 0.00       | 1.88     | 1.88          | 0.12              | 0.00                       | 0.00         | 10/29/2021 | 15:32     |
| 2   | M4376-01    |                   | 1  | 5.03               | 50                | 2.00    | 1.88       | 3.70     | 1.82          | 0.18              | 0.06                       | 4.77         | 10/29/2021 | 15:35     |
| 3   | M4376-01DUP |                   | 1  | 5.02               | 50                | 2.00    | 3.70       | 5.54     | 1.84          | 0.16              | 0.04                       | 3.19         | 10/29/2021 | 15:38     |
| 4   | M4384-01    |                   | 1  | 5.03               | 50                | 2.00    | 5.54       | 7.40     | 1.86          | 0.14              | 0.02                       | 1.59         | 10/29/2021 | 15:40     |
| 5   | M4384-02    |                   | 1  | 5.04               | 50                | 2.00    | 0.00       | 1.86     | 1.86          | 0.14              | 0.02                       | 1.59         | 10/29/2021 | 15:42     |
| 6   | M4384-03    |                   | 1  | 5.06               | 50                | 2.00    | 1.86       | 3.70     | 1.84          | 0.16              | 0.04                       | 3.16         | 10/29/2021 | 15:45     |
| 7   | M4384-04    |                   | 1  | 5.07               | 50                | 2.00    | 3.70       | 5.50     | 1.80          | 0.20              | 0.08                       | 6.31         | 10/29/2021 | 15:48     |
| 8   | M4395-02    |                   | 1  | 5.08               | 50                | 2.00    | 5.50       | 7.32     | 1.82          | 0.18              | 0.06                       | 4.72         | 10/29/2021 | 15:50     |
| 9   | M4395-05    |                   | 1  | 5.09               | 50                | 2.00    | 0.00       | 1.84     | 1.84          | 0.16              | 0.04                       | 3.14         | 10/29/2021 | 15:52     |
| 10  | M4395-08    |                   | 1  | 5.07               | 50                | 2.00    | 1.84       | 3.70     | 1.86          | 0.14              | 0.02                       | 1.58         | 10/29/2021 | 15:55     |
| 11  | M4395-11    |                   | 1  | 5.06               | 50                | 2.00    | 3.70       | 5.50     | 1.80          | 0.20              | 0.08                       | 6.32         | 10/29/2021 | 15:58     |
| 12  | M4406-02    |                   | 1  | 5.07               | 50                | 2.00    | 5.50       | 7.28     | 1.78          | 0.22              | 0.10                       | 7.89         | 10/29/2021 | 16:00     |

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  | M4406-07 |                   | 1  | 5.08               | 50                | 2.00    | 0.00       | 1.82     | 1.82          | 0.18              | 0.06                       | 4.72         | 10/29/2021 | 16:02     |

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