

Analysis Method: 9034  
 Parameter: Reactive Sulfide  
 Run Number: LB100486

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

| Reagent/Standard                  | Lot/Log # |
|-----------------------------------|-----------|
| Sodium thiosulfate titrant 0.025N | WP69572   |
| IODINE SOLUTION .025N 1L          | W2410     |
| Starch Solution, 4L               | W2277     |

| 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   | PB116634BL  |                   | 1  | 5.03               | 50                | 2.00    | 0.00       | 1.92     | 1.92          | 0.08              | 0.00                       | 0.00         | 01/25/2019 | 13:32     |
| 2   | K1015-14    |                   | 1  | 5.02               | 50                | 2.00    | 1.92       | 3.62     | 1.70          | 0.30              | 0.22                       | 17.53        | 01/25/2019 | 13:35     |
| 3   | K1015-14DUP |                   | 1  | 5.04               | 50                | 2.00    | 3.62       | 5.34     | 1.72          | 0.28              | 0.20                       | 15.87        | 01/25/2019 | 13:38     |
| 4   | K1015-16    |                   | 1  | 5.05               | 50                | 2.00    | 0.00       | 1.90     | 1.90          | 0.10              | 0.02                       | 1.58         | 01/25/2019 | 13:42     |
| 5   | K1228-02    |                   | 1  | 5.02               | 50                | 2.00    | 1.90       | 3.66     | 1.76          | 0.24              | 0.16                       | 12.75        | 01/25/2019 | 13:45     |
| 6   | K1231-02    |                   | 1  | 5.03               | 50                | 2.00    | 3.66       | 5.30     | 1.64          | 0.36              | 0.28                       | 22.27        | 01/25/2019 | 13:48     |
| 7   | K1233-03    |                   | 1  | 5.06               | 50                | 2.00    | 5.30       | 7.02     | 1.72          | 0.28              | 0.20                       | 15.81        | 01/25/2019 | 13:52     |
| 8   | K1238-10    |                   | 1  | 5.03               | 50                | 2.00    | 7.02       | 8.64     | 1.62          | 0.38              | 0.30                       | 23.86        | 01/25/2019 | 13:55     |
| 9   | K1238-20    |                   | 1  | 5.04               | 50                | 2.00    | 0.00       | 1.68     | 1.68          | 0.32              | 0.24                       | 19.05        | 01/25/2019 | 13:58     |
| 10  | K1238-30    |                   | 1  | 5.03               | 50                | 2.00    | 1.68       | 3.38     | 1.70          | 0.30              | 0.22                       | 17.50        | 01/25/2019 | 14:02     |
| 11  | K1238-40    |                   | 1  | 5.02               | 50                | 2.00    | 3.38       | 5.00     | 1.62          | 0.38              | 0.30                       | 23.90        | 01/25/2019 | 14:05     |
| 12  | K1238-50    |                   | 1  | 5.05               | 50                | 2.00    | 5.00       | 6.56     | 1.56          | 0.44              | 0.36                       | 28.51        | 01/25/2019 | 14:08     |

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