

Analysis Method: 9034  
 Parameter: Reactive Sulfide  
 Run Number: LB100810

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

| Reagent/Standard                  | Lot/Log # |
|-----------------------------------|-----------|
| Sodium thiosulfate titrant 0.025N | WP70959   |
| IODINE SOLUTION .025N 1L          | W2410     |
| Starch Solution, 4L               | W2379     |

| Seq | Lab ID      | True Value (mg/l) | DF | Initial Volume (mL) | 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   | PB117055BL  |                   | 1  | 50                  | 50                | 2.00    | 0.00       | 1.92     | 1.92          | 0.08              | 0.00                       | 0.00         | 02/12/2019 | 15:10     |
| 2   | K1460-09    |                   | 1  | 50                  | 50                | 2.00    | 1.92       | 3.80     | 1.88          | 0.12              | 0.04                       | 0.32         | 02/12/2019 | 15:12     |
| 3   | K1460-09DUP |                   | 1  | 50                  | 50                | 2.00    | 3.80       | 5.66     | 1.86          | 0.14              | 0.06                       | 0.48         | 02/12/2019 | 15:15     |
| 4   | K1461-10    |                   | 1  | 50                  | 50                | 2.00    | 5.66       | 7.52     | 1.86          | 0.14              | 0.06                       | 0.48         | 02/12/2019 | 15:18     |

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