

Analysis Method: 9034  
 Parameter: Sulfide  
 Run Number: LB103620

ANALYST: ketankumar  
 SUPERVISOR REVIEW BY: apatel  
 Constant: 16000  
 Normality1: 0.03  
 Normality2: 0.03

| Reagent/Standard                  | Lot/Log # |
|-----------------------------------|-----------|
| Sodium thiosulfate titrant 0.025N | WP73671   |
| IODINE SOLUTION .025N 1L          | W2480     |
| Starch Solution, 4L               | W2379     |

| 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) | AnalDate   | Anal Time |
|-----|-------------|-------------------|----|--------------------|-------------------|---------|------------|----------|---------------|-------------------|----------------------------|--------------|------------|-----------|
| 1   | PB120914BL  |                   | 1  | 5.03               | 50                | 5.00    | 0.00       | 4.60     | 4.60          | 0.40              | 0.00                       | 0.00         | 06/25/2019 | 14:45     |
| 2   | PB120914BS  | 250               | 1  | 5.02               | 50                | 5.00    | 0.00       | 1.90     | 1.90          | 3.10              | 2.70                       | 215.14       | 06/25/2019 | 14:48     |
| 3   | K3487-01    |                   | 1  | 5.02               | 50                | 5.00    | 0.00       | 4.30     | 4.30          | 0.70              | 0.30                       | 23.90        | 06/25/2019 | 14:52     |
| 4   | K3487-01DUP |                   | 1  | 5.04               | 50                | 5.00    | 4.30       | 8.62     | 4.32          | 0.68              | 0.28                       | 22.22        | 06/25/2019 | 14:55     |
| 5   | K3487-01MS  | 250               | 1  | 5.05               | 50                | 5.00    | 0.00       | 2.18     | 2.18          | 2.82              | 2.42                       | 191.68       | 06/25/2019 | 14:58     |
| 6   | K3487-01MSD | 250               | 1  | 5.05               | 50                | 5.00    | 2.18       | 4.38     | 2.20          | 2.80              | 2.40                       | 190.10       | 06/25/2019 | 15:02     |
| 7   | K3490-01    |                   | 1  | 5.02               | 50                | 5.00    | 0.00       | 4.12     | 4.12          | 0.88              | 0.48                       | 38.25        | 06/25/2019 | 15:05     |

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