

Analysis Method: 9034  
 Parameter: Sulfide  
 Run Number: LB109392

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

| Reagent/Standard                  | Lot/Log # |
|-----------------------------------|-----------|
| Sodium thiosulfate titrant 0.025N | WP83473   |
| IODINE SOLUTION .025N 1L          | W2669     |
| 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) | AnalDate   | Anal Time |
|-----|-------------|-------------------|----|--------------------|-------------------|---------|------------|----------|---------------|-------------------|----------------------------|--------------|------------|-----------|
| 1   | PB129230BL  |                   | 1  | 5.03               | 50                | 5.00    | 0.00       | 4.80     | 4.80          | 0.20              | 0.00                       | 0.00         | 06/01/2020 | 15:32     |
| 2   | PB129230BS  | 250               | 1  | 5.04               | 50                | 5.00    | 0.00       | 1.94     | 1.94          | 3.06              | 2.86                       | 226.98       | 06/01/2020 | 15:35     |
| 3   | L2822-04    |                   | 1  | 5.02               | 50                | 5.00    | 0.00       | 4.42     | 4.42          | 0.58              | 0.38                       | 30.28        | 06/01/2020 | 15:38     |
| 4   | L2822-04DUP |                   | 1  | 5.04               | 50                | 5.00    | 4.42       | 8.82     | 4.40          | 0.60              | 0.40                       | 31.75        | 06/01/2020 | 15:42     |
| 5   | L2822-04MS  | 250               | 1  | 5.05               | 50                | 5.00    | 0.00       | 3.00     | 3.00          | 2.00              | 1.80                       | 142.57       | 06/01/2020 | 15:45     |
| 6   | L2822-04MSD | 250               | 1  | 5.05               | 50                | 5.00    | 3.00       | 6.02     | 3.02          | 1.98              | 1.78                       | 140.99       | 06/01/2020 | 15:48     |
| 7   | L2822-05    |                   | 1  | 5.06               | 50                | 5.00    | 6.02       | 9.32     | 3.30          | 1.70              | 1.50                       | 118.58       | 06/01/2020 | 15:52     |
| 8   | L2822-06    |                   | 1  | 5.02               | 50                | 5.00    | 0.00       | 3.40     | 3.40          | 1.60              | 1.40                       | 111.55       | 06/01/2020 | 15:55     |

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