

Analysis Method: 9034  
 Parameter: Sulfide  
 Run Number: LB101197

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

| Reagent/Standard                  | Lot/Log # |
|-----------------------------------|-----------|
| Sodium thiosulfate titrant 0.025N | WP71781   |
| 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) | AnalDate   | Anal Time |
|-----|------------|-------------------|----|---------------------|-------------------|---------|------------|----------|---------------|-------------------|----------------------------|--------------|------------|-----------|
| 1   | PB117645BL |                   | 1  | 50                  | 50                | 5.00    | 0.00       | 4.60     | 4.60          | 0.40              | 0.00                       | 0.00         | 03/05/2019 | 13:22     |
| 2   | PB117645BS | 25                | 1  | 50                  | 50                | 5.00    | 0.00       | 2.10     | 2.10          | 2.90              | 2.50                       | 20.00        | 03/05/2019 | 13:25     |
| 3   | K1560-09   |                   | 1  | 50                  | 50                | 5.00    | 0.00       | 4.52     | 4.52          | 0.48              | 0.08                       | 0.64         | 03/05/2019 | 13:28     |

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