

Analysis Method: 9034  
 Parameter: Reactive Sulfide  
 Run Number: LB105481

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

| Reagent/Standard                  | Lot/Log # |
|-----------------------------------|-----------|
| Sodium thiosulfate titrant 0.025N | WP77620   |
| IODINE SOLUTION .025N 1L          | W2508     |
| 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   | PB123602BL  |                   | 1  | 50                  | 50                | 2.00    | 0.00       | 1.86     | 1.86          | 0.14              | 0.00                       | 0.00         | 10/03/2019 | 16:02     |
| 2   | K5185-01    |                   | 1  | 50                  | 50                | 2.00    | 1.86       | 3.70     | 1.84          | 0.16              | 0.02                       | 0.16         | 10/03/2019 | 16:04     |
| 3   | K5185-01DUP |                   | 1  | 50                  | 50                | 2.00    | 3.70       | 5.52     | 1.82          | 0.18              | 0.04                       | 0.32         | 10/03/2019 | 16:06     |

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