

Analysis Method: 9034  
 Parameter: Reactive Sulfide  
 Run Number: LB102354

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

| Reagent/Standard                  | Lot/Log # |
|-----------------------------------|-----------|
| Sodium thiosulfate titrant 0.025N | WP73671   |
| IODINE SOLUTION .025N 1L          | W2479     |
| 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   | PB119220BL  |                   | 1  | 50                  | 50                | 2.00    | 0.00       | 1.78     | 1.78          | 0.22              | 0.00                       | 0.00         | 04/25/2019 | 14:05     |
| 2   | K2545-02    |                   | 1  | 50                  | 50                | 2.00    | 1.78       | 3.40     | 1.62          | 0.38              | 0.16                       | 1.28         | 04/25/2019 | 14:08     |
| 3   | K2545-02DUP |                   | 1  | 50                  | 50                | 2.00    | 3.40       | 5.04     | 1.64          | 0.36              | 0.14                       | 1.12         | 04/25/2019 | 14:12     |

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