

Analysis Method: 9034  
 Parameter: Reactive Sulfide  
 Run Number: LB110958

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

| Reagent/Standard                  | Lot/Log # |
|-----------------------------------|-----------|
| Sodium thiosulfate titrant 0.025N | WP86633   |
| IODINE SOLUTION .025N 1L          | W2670     |
| Starch Solution, 4L               | W2703     |

| 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   | PB131602BL  |                   | 1  | 50                  | 50                | 2.00    | 0.00       | 1.90     | 1.90          | 0.10              | 0.00                       | 0.00         | 09/14/2020 | 14:15     |
| 2   | L3941-04    |                   | 1  | 50                  | 50                | 2.00    | 1.90       | 3.74     | 1.84          | 0.16              | 0.06                       | 0.48         | 09/14/2020 | 14:18     |
| 3   | L3941-04DUP |                   | 1  | 50                  | 50                | 2.00    | 3.74       | 5.60     | 1.86          | 0.14              | 0.04                       | 0.32         | 09/14/2020 | 14:22     |
| 4   | L3942-02    |                   | 1  | 50                  | 50                | 2.00    | 5.60       | 7.42     | 1.82          | 0.18              | 0.08                       | 0.64         | 09/14/2020 | 14:25     |
| 5   | L3953-02    |                   | 1  | 50                  | 50                | 2.00    | 0.00       | 1.86     | 1.86          | 0.14              | 0.04                       | 0.32         | 09/14/2020 | 14:28     |
| 6   | L3976-03    |                   | 1  | 50                  | 50                | 2.00    | 1.86       | 3.70     | 1.84          | 0.16              | 0.06                       | 0.48         | 09/14/2020 | 14:30     |

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