

Analysis Method: 9034  
 Parameter: Reactive Sulfide  
 Run Number: LB107008

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

| Reagent/Standard                    | Lot/Log # |
|-------------------------------------|-----------|
| Sodium thiosulfate titrant 0.025N   | WP80247   |
| calibration std. hexchrome 0.01 ppm | WP2508    |
| Starch Solution, 4L                 | W2379     |

| 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) | Anal Date  | Anal Time |
|-----|-------------|-------------------|----|--------------------|-------------------|---------|------------|----------|---------------|-------------------|----------------------------|--------------|------------|-----------|
| 1   | PB125854BL  |                   | 1  | 5.00               | 50                | 2.00    | 0.00       | 1.84     | 1.84          | 0.16              | 0.00                       | 0.00         | 01/02/2020 | 12:10     |
| 2   | K6113-20    |                   | 1  | 5.01               | 50                | 2.00    | 1.84       | 3.44     | 1.60          | 0.40              | 0.24                       | 19.16        | 01/02/2020 | 12:12     |
| 3   | K6113-20DUP |                   | 1  | 5.03               | 50                | 2.00    | 3.44       | 5.08     | 1.64          | 0.36              | 0.20                       | 15.90        | 01/02/2020 | 12:14     |
| 4   | K6472-07    |                   | 1  | 5.02               | 50                | 2.00    | 5.08       | 6.68     | 1.60          | 0.40              | 0.24                       | 19.12        | 01/02/2020 | 12:16     |
| 5   | K6474-02    |                   | 1  | 5.09               | 50                | 2.00    | 6.68       | 8.24     | 1.56          | 0.44              | 0.28                       | 22.00        | 01/02/2020 | 12:18     |
| 6   | K6474-04    |                   | 1  | 5.03               | 50                | 2.00    | 0.00       | 1.62     | 1.62          | 0.38              | 0.22                       | 17.50        | 01/02/2020 | 12:20     |
| 7   | K6479-05    |                   | 1  | 5.04               | 50                | 2.00    | 1.62       | 3.10     | 1.48          | 0.52              | 0.36                       | 28.57        | 01/02/2020 | 12:22     |

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