

Analysis Method: 9034

ANALYST: AMANDEEP

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB100201

Constant: 16000

Normality1: 0.025

Normality2: 0.025

| Reagent/Standard                  | Lot/Log # |
|-----------------------------------|-----------|
| Sodium thiosulfate titrant 0.025N | WP69572   |
| IODINE SOLUTION .025N 1L          | W2410     |
| Starch Solution, 4L               | W2277     |

| 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   | PB116221BL  |                   | 1  | 5.01               | 50                | 2.00    | 0.00       | 1.98     | 1.98          | 0.02              | 0.00                       | 0.00         | 01/08/2019 | 13:00     |
| 2   | K1010-02    |                   | 1  | 5.05               | 50                | 2.00    | 5.60       | 7.48     | 1.88          | 0.12              | 0.10                       | 7.92         | 01/08/2019 | 13:01     |
| 3   | K1012-02    |                   | 1  | 5.02               | 50                | 2.00    | 7.80       | 9.68     | 1.88          | 0.12              | 0.10                       | 7.97         | 01/08/2019 | 13:02     |
| 4   | K1012-04    |                   | 1  | 5.08               | 50                | 2.00    | 0.00       | 1.92     | 1.92          | 0.08              | 0.06                       | 4.72         | 01/08/2019 | 13:03     |
| 5   | K1012-06    |                   | 1  | 5.04               | 50                | 2.00    | 1.92       | 3.70     | 1.78          | 0.22              | 0.20                       | 15.87        | 01/08/2019 | 13:04     |
| 6   | K1062-02    |                   | 1  | 5.02               | 50                | 2.00    | 7.90       | 9.56     | 1.66          | 0.34              | 0.32                       | 25.50        | 01/08/2019 | 13:05     |
| 7   | K1064-03    |                   | 1  | 5.03               | 50                | 2.00    | 0.00       | 1.72     | 1.72          | 0.28              | 0.26                       | 20.68        | 01/08/2019 | 13:06     |
| 8   | K1065-02    |                   | 1  | 5.00               | 50                | 2.00    | 1.72       | 3.28     | 1.56          | 0.44              | 0.42                       | 33.60        | 01/08/2019 | 13:07     |
| 9   | K1066-03    |                   | 1  | 5.03               | 50                | 2.00    | 5.82       | 7.70     | 1.88          | 0.12              | 0.10                       | 7.95         | 01/08/2019 | 13:08     |
| 10  | K1066-03DUP |                   | 1  | 5.01               | 50                | 2.00    | 7.70       | 9.58     | 1.88          | 0.12              | 0.10                       | 7.98         | 01/08/2019 | 13:09     |

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