

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB86867

Constant: 16000

Normality1: 0.025

Normality2: 0.025

| Reagent/Standard                   | Lot/Log # |
|------------------------------------|-----------|
| SODIUM THIOSULFATE, 0.025N, 4LITRE | W2169     |
| IODINE SOLUTION .025N 1L           | W2205     |
| Starch Solution, 4L                | W2121     |

| 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   | PB98234BL   |                   | 1  | 5.00               | 50                | 5.00    | 0.00       | 4.24     | 4.24          | 0.76              | 0.00                       | 0.00         | 04/13/2017 | 12:00     |
| 2   | I2662-09    |                   | 1  | 5.04               | 50                | 5.00    | 0.00       | 4.00     | 4.00          | 1.00              | 0.24                       | 19.05        | 04/13/2017 | 12:04     |
| 3   | I2662-09DUP |                   | 1  | 5.03               | 50                | 5.00    | 4.00       | 7.98     | 3.98          | 1.02              | 0.26                       | 20.68        | 04/13/2017 | 12:09     |
| 4   | I2662-10    |                   | 1  | 5.04               | 50                | 5.00    | 0.00       | 3.94     | 3.94          | 1.06              | 0.30                       | 23.81        | 04/13/2017 | 12:15     |
| 5   | I2662-11    |                   | 1  | 5.05               | 50                | 5.00    | 3.94       | 7.94     | 4.00          | 1.00              | 0.24                       | 19.01        | 04/13/2017 | 12:25     |
| 6   | I2662-12    |                   | 1  | 5.06               | 50                | 5.00    | 0.00       | 3.92     | 3.92          | 1.08              | 0.32                       | 25.30        | 04/13/2017 | 12:30     |
| 7   | I2670-03    |                   | 1  | 5.04               | 50                | 5.00    | 3.92       | 7.88     | 3.96          | 1.04              | 0.28                       | 22.22        | 04/13/2017 | 12:35     |

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