

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB86615

Constant: 16000

Normality1: 0.025

Normality2: 0.025

| Reagent/Standard                   | Lot/Log # |
|------------------------------------|-----------|
| SODIUM THIOSULFATE, 0.025N, 4LITRE | W2169     |
| IODINE SOLUTION .025N 1L           | W2178     |
| 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   | PB97881BL   |                   | 1  | 5.00               | 50                | 5.00    | 0.00       | 4.54     | 4.54          | 0.46              | 0.00                       | 0.00         | 03/29/2017 | 11:00     |
| 2   | I2422-02    |                   | 1  | 5.04               | 50                | 5.00    | 0.00       | 4.10     | 4.10          | 0.90              | 0.44                       | 34.92        | 03/29/2017 | 11:05     |
| 3   | I2422-02DUP |                   | 1  | 5.03               | 50                | 5.00    | 4.02       | 8.14     | 4.12          | 0.88              | 0.42                       | 33.40        | 03/29/2017 | 11:10     |
| 4   | I2435-02    |                   | 1  | 5.04               | 50                | 5.00    | 0.00       | 3.98     | 3.98          | 1.02              | 0.56                       | 44.44        | 03/29/2017 | 11:14     |
| 5   | I2440-03    |                   | 1  | 5.05               | 50                | 5.00    | 3.98       | 8.16     | 4.18          | 0.82              | 0.36                       | 28.51        | 03/29/2017 | 11:20     |
| 6   | I2440-06    |                   | 1  | 5.03               | 50                | 5.00    | 0.00       | 4.08     | 4.08          | 0.92              | 0.46                       | 36.58        | 03/29/2017 | 11:25     |

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