

Analysis Method: 9034

Parameter: Reactive Sulfide

Run Number: LB88893

ANALYST: ketankumar

SUPERVISOR REVIEW BY: apatel

Constant: 16000

Normality1: 0.025

Normality2: 0.025

| Reagent/Standard                   | Lot/Log # |
|------------------------------------|-----------|
| SODIUM THIOSULFATE, 0.025N, 4LITRE | W2206     |
| IODINE SOLUTION .025N 1L           | W2251     |
| 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   | PB100844BL  |                   | 1  | 5.02               | 50                | 2.00    | 0.00       | 1.70     | 1.70          | 0.30              | 0.00                       | 0.00         | 07/21/2017 | 13:15     |
| 2   | I4347-03    |                   | 1  | 5.04               | 50                | 2.00    | 0.00       | 1.54     | 1.54          | 0.46              | 0.16                       | 12.70        | 07/21/2017 | 13:18     |
| 3   | I4347-03DUP |                   | 1  | 5.03               | 50                | 2.00    | 0.00       | 1.56     | 1.56          | 0.44              | 0.14                       | 11.13        | 07/21/2017 | 13:20     |
| 4   | I4358-03    |                   | 1  | 5.04               | 50                | 2.00    | 1.56       | 2.92     | 1.36          | 0.64              | 0.34                       | 26.98        | 07/21/2017 | 13:23     |
| 5   | I4363-03    |                   | 1  | 5.06               | 50                | 2.00    | 2.92       | 4.30     | 1.38          | 0.62              | 0.32                       | 25.30        | 07/21/2017 | 13:25     |

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