

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB86965

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   | PB98313BL   |                   | 1  | 5.00               | 50                | 5.00    | 0.00       | 4.42     | 4.42          | 0.58              | 0.00                       | 0.00         | 04/19/2017 | 11:00     |
| 2   | I2718-02    |                   | 1  | 5.04               | 50                | 5.00    | 0.00       | 4.40     | 4.40          | 0.60              | 0.02                       | 1.59         | 04/19/2017 | 11:08     |
| 3   | I2718-02DUP |                   | 1  | 5.03               | 50                | 5.00    | 4.40       | 8.82     | 4.42          | 0.58              | 0.00                       | 0.00         | 04/19/2017 | 11:13     |
| 4   | I2718-04    |                   | 1  | 5.04               | 50                | 5.00    | 0.00       | 4.24     | 4.24          | 0.76              | 0.18                       | 14.29        | 04/19/2017 | 11:18     |
| 5   | I2751-03    |                   | 1  | 5.05               | 50                | 5.00    | 0.00       | 4.38     | 4.38          | 0.62              | 0.04                       | 3.17         | 04/19/2017 | 11:23     |
| 6   | I2751-06    |                   | 1  | 5.06               | 50                | 5.00    | 0.00       | 4.26     | 4.26          | 0.74              | 0.16                       | 12.65        | 04/19/2017 | 11:28     |
| 7   | I2751-09    |                   | 1  | 5.04               | 50                | 5.00    | 4.26       | 8.58     | 4.32          | 0.68              | 0.10                       | 7.94         | 04/19/2017 | 11:32     |
| 8   | I2752-03    |                   | 1  | 5.03               | 50                | 5.00    | 0.00       | 4.04     | 4.04          | 0.96              | 0.38                       | 30.22        | 04/19/2017 | 11:36     |
| 9   | I2752-06    |                   | 1  | 5.04               | 50                | 5.00    | 4.04       | 8.16     | 4.12          | 0.88              | 0.30                       | 23.81        | 04/19/2017 | 11:40     |

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