

Analysis Method: 9034

ANALYST: HIRAL

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB92415

Constant: 16000

Normality1: 0.025

Normality2: 0.025

| Reagent/Standard                   | Lot/Log # |
|------------------------------------|-----------|
| SODIUM THIOSULFATE, 0.025N, 4LITRE | W2252     |
| IODINE SOLUTION .025N 1L           | W2261     |
| 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   | PB105385BL  |                   | 1  | 5.01               | 50                | 2.00    | 0.00       | 1.80     | 1.80          | 0.20              | 0.00                       | 0.00         | 12/28/2017 | 10:35     |
| 2   | I7082-01    |                   | 1  | 5.02               | 50                | 2.00    | 0.00       | 1.78     | 1.78          | 0.22              | 0.02                       | 1.59         | 12/28/2017 | 10:42     |
| 3   | I7082-01DUP |                   | 1  | 5.05               | 50                | 2.00    | 1.78       | 3.54     | 1.76          | 0.24              | 0.04                       | 3.17         | 12/28/2017 | 10:49     |
| 4   | I7083-01    |                   | 1  | 5.03               | 50                | 2.00    | 0.00       | 1.66     | 1.66          | 0.34              | 0.14                       | 11.13        | 12/28/2017 | 10:55     |
| 5   | I7083-02    |                   | 1  | 5.05               | 50                | 2.00    | 1.66       | 3.34     | 1.68          | 0.32              | 0.12                       | 9.50         | 12/28/2017 | 11:02     |
| 6   | I7083-03    |                   | 1  | 5.04               | 50                | 2.00    | 3.34       | 4.98     | 1.64          | 0.36              | 0.16                       | 12.70        | 12/28/2017 | 11:09     |

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